



**Compte-rendu de la 16<sup>o</sup> Assemblée Générale de  
l'ACI**

*Minutes of the 16th ICA General Assembly*

**Rio de Janeiro, 23 et 28 août 2015**

*Rio de Janeiro, 23 and 28 August 2015*

---

**Table des matières /Table of Contents**

<b>1</b>	<b>OUVERTURE ET ALLOCUTIONS DE BIENVENUE/ OPENING AND ADDRESSES .....</b>	<b>6</b>
<b>2</b>	<b>RECONNAISSANCE DE LA MEMOIRE DES MEMBRES DE LA COMMUNAUTE DE L'ACI / RECOGNITION OF THE MEMORY OF MEMBERS OF THE ICA COMMUNITY .....</b>	<b>6</b>
<b>3</b>	<b>APPEL DES MEMBRES/ ROLL CALL OF MEMBER .....</b>	<b>6</b>
<b>4</b>	<b>ADOPTION DE L'ORDRE DU JOUR/ADOPTION OF THE AGENDA .....</b>	<b>8</b>
<b>5</b>	<b>DESIGNATION DE DEUX SCRUTATEURS/NOMINATION OF TWO SCRUTINEERS.....</b>	<b>9</b>
<b>6</b>	<b>MEMBRES SUSPENDUS DE VOTE/MEMBERS INELEGIBLE TO VOTE .....</b>	<b>9</b>
<b>7</b>	<b>EXCLUSION DE MEMBRES / WITHDRAWAL OF MEMBERSHIP .....</b>	<b>9</b>
<b>8</b>	<b>ADOPTION DES COMPTES-RENDU DE LA 15E ASSEMBLEE GENERALE, 2011 / ADOPTION OF THE MINUTES OF THE 15TH GENERAL ASSEMBLY, 2011 .....</b>	<b>10</b>
<b>9</b>	<b>NOUVEAUX MEMBRES NATIONAUX /NEW NATIONAL MEMBERS.....</b>	<b>10</b>
<b>10</b>	<b>NOUVEAUX MEMBRES AFFILIES/ NEW AFFILIATE MEMBERS.....</b>	<b>10</b>
<b>11</b>	<b>RAPPORT DU PRESIDENT 2011-2015 / PRESIDENT'S REPORT 2011-2015 .....</b>	<b>11</b>
<b>12</b>	<b>RAPPORT DU SECRÉTAIRE GÉNÉRAL 2011–2015 / SECRETARY-GENERAL'S REPORT 2011– 2015.....</b>	<b>11</b>
<b>13</b>	<b>RAPPORT DU TRESORIER 2011–2015 / TREASURER'S REPORT 2011–2015 .....</b>	<b>11</b>
<b>14</b>	<b>RAPPORT DES COMMISSAIRES AUX COMPTES/ AUDITORS'REPORT .....</b>	<b>11</b>
<b>15</b>	<b>ADOPTION DES COMPTES / ADOPTION OF THE ACCOUNTS.....</b>	<b>11</b>
<b>16</b>	<b>PROPOSITION FINALE DE BUDGET 2015-2019 / PROPOSED BUDGET 2015-2019 .....</b>	<b>11</b>
<b>17</b>	<b>STATUTS DE L'ACI / ICA STATUTES .....</b>	<b>14</b>
<b>18</b>	<b>RAPPORT SUR LES PUBLICATIONS / PUBLICATIONS REPORT .....</b>	<b>30</b>
<b>19</b>	<b>RAPPORTS NATIONAUX / NATIONAL REPORTS.....</b>	<b>30</b>
<b>20</b>	<b>PRÉSENTATION DES ACTIVITÉS 2011–2015 DES COMMISSIONS ET GROUPES DE TRAVAIL/ PRESENTATION OF COMMISSIONS AND WORKING GROUP ACTIVITIES 2011–2015.....</b>	<b>31</b>
<b>21</b>	<b>PROPOSITION DE COMMISSIONS 2015-2019 ; PRÉSENTATION DES CANDIDATURES ET DES TERMES DE RÉFÉRENCES / COMMISSION PROPOSALS 2015-2019 ; PRESENTATION OF NOMINATIONS AND TERMS OF REFERENCE .....</b>	<b>32</b>
<b>22</b>	<b>PRESENTATION DES CANDIDATURES AU COMITE EXECUTIF / PRESENTATION OF NOMINATIONS TO THE EXECUTIVE COMMITTEE .....</b>	<b>33</b>
<b>23</b>	<b>PROPOSITIONS POUR LES PROCHAINES CONFERENCES/ FUTURE CONFERENCE PROPOSALS.....</b>	<b>34</b>
<b>24</b>	<b>APPEL DES MEMBRES/ ROLL CALL OF MEMBERS.....</b>	<b>35</b>
<b>25</b>	<b>DROIT DE VOTE / VOTING ELIGIBILITY.....</b>	<b>35</b>
<b>26</b>	<b>VOTE SUR L'ADHESION: NOUVEAUX MEMBRES NATIONAUX/ VOTING ON MEMBERSHIP: NEW MEMBER NATIONS .....</b>	<b>35</b>
<b>27</b>	<b>DESIGNATION DE DEUX SCRUTATEURS / NOMINATION OF TWO SCRUTINEERS.....</b>	<b>35</b>
<b>28</b>	<b>VOTE DES COMPTES DU BUDGET 2015-2019 / VOTE ON THE 2015-2019 BUDGET.....</b>	<b>35</b>
<b>29</b>	<b>ELECTION DU PRÉSIDENT 2015-2019 / ELECTION OF THE PRESIDENT 2015-2019 .....</b>	<b>36</b>
<b>30</b>	<b>ELECTION DU SECRÉTAIRE GÉNÉRAL / ELECTION OF THE SECRETARY-GENERAL .....</b>	<b>36</b>



---

<b>31 ELECTION DES VICE-PRÉSIDENTS/ <i>ELECTION OF VICE-PRESIDENTS</i> .....</b>	<b>36</b>
<b>32 ELECTION DES COMMISSAIRES AUX COMPTES 2015-2019 / <i>ELECTION OF AUDITORS 2015-2019</i>.....</b>	<b>36</b>
<b>33 PROPOSITIONS DE COMMISSIONS 2015-2019/ <i>COMMISSION PROPOSALS 2015-2019</i> .....</b>	<b>37</b>
<b>34 SÉLECTION DU LIEU DE LA 17<sup>e</sup> ASSEMBLÉE GÉNÉRALE ET DE LA 29<sup>e</sup> CONFÉRENCE CARTOGRAPHIQUE INTERNATIONALE / <i>SELECTION OF THE PLACE OF THE 17TH GENERAL ASSEMBLY AND THE 29<sup>TH</sup> INTERNATIONAL CARTOGRAPHIC CONFERENCE</i> .....</b>	<b>38</b>
<b>35 CLÔTURE / <i>CLOSING</i>.....</b>	<b>38</b>
<b>APPENDIX 1 .....</b>	<b>39</b>
<b>1 OUVERTURE ET ALLOCATIONS DE BIENVENUE / <i>OPENING AND ADDRESSES</i> .....</b>	<b>41</b>
<b>APPENDIX 2 .....</b>	<b>68</b>
<b>APPENDIX 3 .....</b>	<b>81</b>
<b>APPENDIX 4 .....</b>	<b>85</b>
<b>HONORARY AUDITORS' REPORT .....</b>	<b>93</b>
<b>APPENDIX 5 .....</b>	<b>94</b>

**Ordre du jour 16<sup>e</sup> Assemblée Générale de l'ACI -  
Agenda 16th General Assembly ICA**

	Première session: dimanche 23 août 2015 (08:30h – 16:30h)	First Session: Sunday 23rd August 2015 08:30–16:30	chaired by:
<b>1</b>	Ouverture et allocutions de bienvenue	<i>Opening and addresses</i>	President
<b>2</b>	Reconnaissance de la mémoire des membres de la communauté de l'ACI	<i>Recognition of the memory of members of the ICA community</i>	President
<b>3</b>	Appel des membres	<i>Roll call of members</i>	President
<b>4</b>	Adoption de l'ordre du jour	<i>Adoption of the Agenda</i>	President
<b>5</b>	Désignation de deux scrutateurs	<i>Nomination of two Scrutineers</i>	President
<b>6</b>	Membres suspendus de vote	<i>Members ineligible to vote</i>	President
<b>7</b>	Exclusion de membres	<i>Exclusion from Membership</i>	President
<b>8</b>	Adoption du compte-rendu de la 15 <sup>e</sup> Assemblée Générale, 2011	<i>Adoption of the minutes of the 15th General Assembly, 2011</i>	President
<b>9</b>	Nouveaux membres nationaux	<i>New member nations</i>	President
<b>10</b>	Nouveaux membres affiliés	<i>New affiliate members</i>	President
<b>11</b>	Rapport du Président – 2011-2015	<i>President's report 2011-2015</i>	Past-President
<b>12</b>	Rapport du Secrétaire général –2011-2015	<i>Secretary General's report 2011-2015</i>	President
<b>13</b>	Rapport du Trésorier – 2011-2015	<i>Treasurer's report 2011-2015</i>	President
<b>14</b>	Rapport des Commissaires aux comptes	<i>Auditors' report*</i>	President
<b>15</b>	Adoption des comptes	<i>Adoption of the Accounts*</i>	President
<b>16</b>	Proposition finale de budget 2015-2019	<i>Proposed budget 2015-2019*</i>	President
<b>17</b>	Statuts de l'ACI	<i>ICA Statutes</i>	President
<b>18</b>	Rapport sur les publications	<i>Publications report</i>	President
<b>19</b>	Rapport nationaux	<i>National reports</i>	President
<b>20</b>	Présentation des activités 2011-2015 des commissions et groupes de travail	<i>Presentation of commissions and working group activities 2011-2015</i>	President
<b>21</b>	Proposition de commissions 2015-2019, présentation des candidatures et des termes de références	<i>Commission proposals 2015-2019 presentation of nominations and terms of reference*</i>	President
<b>22</b>	Vote sur le nombre de vice-présidents Présentation des candidatures au Comité Exécutif	<i>Voting on the number of VPs Presentation of nominations to the Executive Committee*</i>	President
<b>23</b>	Propositions pour les prochaines conférences	<i>Future conference proposals*</i>	President
	Deuxième session : vendredi 28 août 2015	Second Session: Friday 28th August 2015	chaired by:

	8h30 - 10h30	8.30 - 10:30	
<b>24</b>	Appel des membres	<i>Roll call of members</i>	President
<b>25</b>	Droit de vote	<i>Voting eligibility</i>	President
<b>26</b>	Vote sur l'adhésion: exclusion, nouveaux membres nationaux, modification des représentants de membres nationaux, nouveaux membres affiliés	<i>Voting on Membership: exclusion, new member nations, changed member nation representative, new affiliate members</i>	President
<b>27</b>	Désignation de deux scrutateurs	<i>Nomination of two Scrutineers</i>	President
<b>28</b>	Vote des comptes du budget 2015-2019	<i>Vote on the 2015-2019 budget</i>	President
<b>29</b>	Election du Président 2015-2019	<i>Election of President 2015-2019</i>	President
<b>30</b>	Election du Secrétaire général et trésorier 2015-2019	<i>Election of Secretary General &amp; Treasurer 2015-2019</i>	President
<b>31</b>	Election des Vice-Présidents 2015-2019	<i>Election of Vice-Presidents 2015-2019</i>	President
<b>32</b>	Election des Commissaires aux Comptes 2015-2019	<i>Election of Auditors 2015-2019</i>	President
<b>33</b>	Propositions de commissions 2015-2019 Election des présidents de commissions	<i>Commissions proposals 2015-2019 Election of Commissions Chairpersons</i>	President
<b>34</b>	Sélection du lieu de la 17 <sup>o</sup> Assemblée Générale et de la 29 <sup>o</sup> Conférence cartographique internationale	<i>Selection of the place of the 17th General Assembly and the 29th International Cartographic Conference</i>	President
<b>35</b>	Clôture	<i>Closing</i>	President

## 1 Ouverture et allocutions de bienvenue/ *Opening and addresses*

Le président a ouvert la réunion à 08h30, le dimanche 23 Août 2015 et a accueilli les délégués et observateurs. Il a informé les délégués sur le déroulé de l'Assemblée Générale, en particulier sur la présence, le rôle et la responsabilité des délégués en fonction des statuts de l'ACI, sur le processus de vote soit à main levée (en utilisant des bulletins avec code couleur), soit à bulletin secret (en expliquant le mécanisme de vote et de décompte des votes). Il a aussi informé tous les observateurs qu'ils devaient respecter la zone réservée aux délégués durant toute la durée de l'Assemblée Générale.

*The president opened the meeting at 08.30 on Sunday 23 August 2015, and welcomed delegates and observers. He informed the delegates about the operational modus of the general assembly, especially on the presence, role and responsibility of delegations according to the statutes of ICA, on the voting process in case of show-of-hands (by using colour-coded cards) and in case of secret ballots (by explaining the voting and counting mechanism). He also informed all observers, that they need to respect that they are not allowed in the delegates' area during the General Assembly.*

## 2 Reconnaissance de la mémoire des membres de la communauté de l'ACI / *Recognition of the memory of members of the ICA community*

Le président a demandé à tous les délégués et observateurs de se lever en mémoire de ceux des membres individuels de la communauté ACI qui étaient décédés depuis la réunion de la dernière Assemblée Générale à Paris en 2011.

*The president asked all delegates and observers to stand in a moment of silence for the memory of those individual members of the ICA community who had passed away since the last General Assembly meeting in Paris in 2011:*

- *Nikolay Komedtchikov (Russie/Russia), Auditeur honoraire de l'ACI/ Honorary Auditor of ICA*
- *Isabel Suárez de Centi (Espagne/Spain), en charge de l'organisation de l'ICC 2005/ involved in the organisation of the ICC 2005*
- *Kira Shingareva (Russie/Russia), l'ancien président de la commission de l'ACI sur la cartographie des planètes (Membre honoraire de l'ACI)/ the former chairman of the ICA Commission on Planetary Cartography (ICA Honorary member).*
- *Ramon M. Lorenzo (Espagne/Spain), ancien membre du Comité Exécutif et délégué national d'Espagne / former EC member and national delegate of Spain*

## 3 Appel des membres/ *Roll call of member*

Le secrétaire général a réalisé l'appel en vue d'évaluer le nombre de pays présents ayant droit de vote. Le résultat de l'appel tenu le dimanche 23 août et le vendredi 28 août est comme suit:

*The Secretary-General held the roll call in order to assess the number of countries with voting rights present. The result of the roll calls held on Sunday 23 August and on Friday 28 August is as follows:*

### Liste des présents à Rio de Janeiro 2015 / *Roll call Rio de Janeiro 2015*

<i>forme courte</i>	<i>short form</i>	<i>Principal delegate</i>	<i>Deputy delegate</i>	<i>23/08 /2015</i>	<i>28/08 /2015</i>
Afrique du Sud	South Africa	Elri Liebenberg	Sissiel Kay	✓	✓
Algérie	Algeria				

Allemagne	Germany	Manfred Buchroithner		✓	✓
Argentine	Argentina				
Australie	Australia	William Cartwright	Trisha Moriarty	✓	✓
Autriche	Austria	Wolfgang Kainz	Gilbert Kotzbek	✓	✓
Belgique	Belgium	Philippe de Maeyer	Kristien Ooms	✓	✓
Bénin	Benin				
Botswana	Botswana	Lucy Phalagee	Godfrey Letlole	✓	✓
Brésil	Brazil	Paulo Cesar Teixeira Trino	Luiz Henrique Guimaraes Castiglione	✓	✓
Bulgarie	Bulgaria	Temenoujka Bandrova		✓	✓
Cameroun	Cameroon			✓	✓
Canada	Canada	Roger Whate	Janet Mersey	✓	✓
Chili	Chile	José Riquelme Muñoz	Edwin Hunt	✓	✓
Chine	China	Weisen Li	Qian Wang	✓	✓
Chypre	Cyprus				
Colombie	Colombia				
Croatie	Croatia	Miljenko Lapaine	Martina Triplat Horvat	✓	✓
Cuba	Cuba	Raúl Álvarez Soler		✓	✓
Danemark	Denmark				
Equateur	Ecuador				
ERYD Macédoine	FYRO Macedonia				
Espagne	Spain	Francisco Javier González Matesanz		✓	✓
États-Unis d'Amérique	United States of America	E. Lynn Usery	Aileen Buckley	✓	✓
Finlande	Finland	Juha Oksanen	Pyry Kettunen	✓	✓
France	France	Francois Lecordix	Christine Zanin	✓	✓
Ghana	Ghana				
Grèce	Greece	Lysandros Tsoulos	Chryssoula Boutoura	✓	✓
Hong-Kong	Hong Kong				
Hongrie	Hungary	Jesus Reyes		✓	✓
Inde	India	Amod Srivastava		✓	✓
Indonésie	Indonesia				
Iran	Iran				
Irlande	Ireland				
Islande	Iceland				
Israël	Israel	Oren Raz		✓	✓
Italie	Italy	Giuseppe Borruso	Leonardo Visani	✓	✓
Japon	Japan	Takashi Morita	Masatoshi Arikawa	✓	✓
Jordanie	Jordan				
Kazakhstan	Kazakhstan				
Kenya	Kenya				
Lettonie	Latvia				
Lituanie	Lithuania				
Madagascar	Madagascar				
Malaisie	Malaysia				
Maroc	Morocco				
Mexique	Mexico				
Mongolie	Mongolia				
Montenègre	Montenegro				
Mozambique	Mozambique				

Nigéria	Nigeria				
Norvège	Norway	Kristoffer Kristiansen	Terje Midtbo	✓	✓
Nouvelle-Zélande	New Zealand	Antoni Moore	Geoff O'Malley	✓	✓
Pakistan	Pakistan				
Pays-Bas	The Netherlands	C.P.J.M. Corné van Elzaker	Ferjan Ormeling	✓	✓
Pérou	Peru				
Pologne	Poland	Marek Baranowski		✓	✓
Portugal	Portugal				
Rép. de Corée	Republic of Korea	Sang-II Lee	Daeheon Cho		✓
République Tchèque	Czech Republic	Vit Vozenilek		✓	✓
Roumanie	Romania	Ionut Iosifescu			✓
Royaume-Uni	United Kingdom	David Forrest	Alexander Kent	✓	✓
Russie	Russia	Nikolay Kazeev	Viktor Kuznetsov		✓
Serbie	Serbia				
Slovaquie	Slovakia	Jaroslav Hofierka		✓	✓
Slovénie	Slovenia	Dusan Petrovic	Primož Kete	✓	✓
Sri Lanka	Sri Lanka				
Suède	Sweden	Ann Eriksson	Jonas Sjölin	✓	✓
Suisse	Switzerland	Thomas Schulz	Susanne Bleisch	✓	✓
Tanzanie	Tanzania				
Thaïlande	Thailand	Saranpong Pramsane	Chaisit Preeyanupab	✓	✓
Turquie	Turkey	Hüseyin Çelik	Yavuz Selim Şengün	✓	✓
Ukraine	Ukraine	Rostyslav Shmanenko		✓	✓
Uruguay	Uruguay				
Venezuela	Venezuela				
Viêt Nam	Vietnam				
Yémen	Yemen				
<b>Membres présents/ Members present</b>				<b>37</b>	<b>40</b>
<b>Les membres admissibles à voter / Present eligible to vote</b>				<b>36</b>	<b>40</b>

#### 4 Adoption de l'ordre du jour/Adoption of the Agenda

Le Président a présenté l'ordre du jour proposé lors de la 16<sup>ème</sup> Assemblée Générale tel que diffusé aux membres nationaux et disponible sur la page d'accueil de l'ACI sous la rubrique Assemblée Générale. Il a été noté que les activités de l'Assemblée Générale se dérouleraient en deux séances - la première (dimanche 23 Août) serait principalement présenter des rapports d'activités et de toutes les propositions, tandis que la seconde (Vendredi 28 Août) concernerait principalement le vote et les décisions d'action. L'agenda a été adopté par les délégués à main levée.

*The President presented the proposed agenda of the 16th General Assembly as circulated to the national member organisations and available at the ICA home page under the heading General Assembly. It was noted that the business of the General Assembly would be conducted in two sessions – the first (Sunday 23 August) would primarily address reports of activities and all proposals, whilst*



---

*the second (Friday 28 August) would be concerned mainly with voting and decision making. The agenda was adopted by the delegates by show-of-hands.*

## **5 Désignation de deux scrutateurs/Nomination of two Scrutineers**

Le Président a expliqué le rôle et le devoir impératif de confidentialité des scrutateurs. Le Comité exécutif a recommandé deux personnes pour agir comme scrutateurs pour le vote qui aurait lieu pendant cette session de l'Assemblée Générale, avec Marek Baranowski (Pologne) et Kristoffer Johan Kristiansen (Norvège) ont été nommés par le Comité exécutif. La proposition a été acceptée à main levée.

*The President explains the role and the strict confidentiality of the scrutineer position. Based on the strict requirement of having no bias with whatever nominations of the respective country the Executive Committee proposed two individuals to act as scrutineers for the General Assembly with Marek Baranowski (Poland) and Kristoffer Johan Kristiansen (Norway). The proposal was accepted by the delegates by show-of-hands.*

## **6 Membres suspendus de vote/Members ineligible to vote**

Le Président a proposé que les pays suivants, qui n'ont pas payé leur cotisation à ce jour, soient considérée comme n'étant pas admis à voter: *Bénin, Cameroun, Ghana, Islande, Kazakhstan, Pérou, Roumanie, Serbia, Tanzania, Vénézuéla, Viêt Nam, Yémen*. La motion a été acceptée par les délégués à main levée.

*The President proposed that the following countries, which have not paid their membership fees up to date, be deemed as being ineligible to vote: Bénin, Cameroon, Ghana, Iceland, Kazakhstan, Peru, Romania, Serbia, Tanzania, Venezuela, Vietnam, Yemen. The proposal was accepted by the delegates by show-of-hands.*

## **7 Exclusion de membres / Withdrawal of membership**

Le Président a proposé que les pays suivants, qui n'ont pas payé leurs cotisations, et avec lesquels aucun contact n'a été fait depuis 10 ans, soient exclus comme membres nationaux : *Cameroun, Ghana, Islande, Pérou, Roumanie, Vénézuéla, Viêt Nam, Yémen* ;

Le Président a proposé que les membres affiliés, qui n'ont pas payé leurs cotisations, et avec lesquels aucun contact n'a été fait depuis plusieurs années, soient exclus comme membres :

*Polskie Przedsiębiorstwo Wydawnictw Kartograficznych (Pologne), Star-APIC Publishing Solutions (Belgique)*  
Les délégués polonais et belge ont informé que le membre affilié de leur pays avait disparu ou fusionné avec une autre compagnie.

La motion a été acceptée par les délégués à main levée.

*The President proposed that the following countries, which have not paid subscriptions, and with whom no contact has been made for over 10 years, be excluded from membership:*

*National members: Cameroon, Ghana, Iceland, Peru, Romania, Venezuela, Vietnam, Yemen;*

*The President proposed that the following affiliate members, which have not paid subscriptions, and with whom no contact has been made for several years, be excluded from membership:*

*Polskie Przedsiębiorstwo Wydawnictw Kartograficznych (Poland), Star-APIC Publishing Solutions (Belgium).*

*The Polish and the Belgian delegate declared that the affiliate member of their country was dissolved or merged to other company.*

*The proposal was accepted by the delegates by show-of-hands.*

---

## **8 Adoption des comptes-rendu de la 15e Assemblée Générale, 2011 / Adoption of the minutes of the 15th General Assembly, 2011**

Les comptes-rendus de la 15e Assemblée Générale à Paris en 2011 avaient été distribués aux pays membres après l'Assemblée Générale (voir annexe 1). Aucune proposition n'avait été reçue des pays membres pour les modifier. La motion a été acceptée par les délégués à main levée.

*The minutes of the 15th General Assembly in Paris in 2011 had been circulated to the member countries after the General Assembly (see Appendix 1). No proposals had been received from member countries to change them. The proposal was adopted by the delegates by show-of-hands.*

## **9 Nouveaux membres nationaux /New national members**

Suite à une demande officielle, le Secrétaire général a proposé un nouveau membre national: Trinité-et-Tobago (Ministère des Ressources Terrestres et Maritimes). La motion a été acceptée par les délégués à main levée.

Une nouvelle organisation nationale, le Service d'Etat d'Ukraine pour la Géodésie, la Cartographie et le Cadastre, propose de remplacer, comme membre national d'Ukraine, le membre actuel, l'Association cartographique Ukrainienne. Les deux organisations ont exprimé leur approbation de cette proposition. La motion a été acceptée par les délégués à main levée.

*Following a formal application, the Secretary-General proposed the following new national member: Trinidad and Tobago (Ministry of Land and Marine Resources). The proposal was accepted by the delegates by show-of-hands.*

*A newly formed national organization, the State Service of Ukraine for Geodesy, Cartography and Cadastre proposes to take over the national membership for Ukraine from the current member, from the Ukrainian Cartographic Association. Both organizations expressed their approval of this proposal. The proposal was accepted by the delegates by show-of-hands.*

## **10 Nouveaux membres affiliés/ New affiliate members**

Le Président a proposé les membres affiliés suivants :

Wuda Geoinformatics Co Ltd., Wuhan (Chine)

GeoTechVision (Jamaïque)

Surveying and Spatial Sciences Institute (Australie)

UNIGIS International Association (Autriche)

United Arab Emirates University (EAU)

HERE (Allemagne)

La motion a été acceptée par les délégués à main levée.

*The President proposed the following new affiliate members:*

*Wuda Geoinformatics Co Ltd., Wuhan (China)*

*GeoTechVision (Jamaica)*

*Surveying and Spatial Sciences Institute (Australia)*

*UNIGIS International Association (Austria)*

*United Arab Emirates University (UAE)*

*HERE (Germany)*

*The proposal was accepted by the delegates by show-of-hands.*

---

## **11 Rapport du Président 2011-2015 / *President's report 2011-2015***

Le Président a présenté son rapport (déposé en annexe 2) et a discuté de plusieurs aspects remarquables de ses activités.

*The President presented his report (tabled in Appendix 2), and discussed several notable aspects of his activities.*

## **12 Rapport du Secrétaire général 2011–2015 / *Secretary-General's report 2011–2015***

Le Secrétaire général a présenté son rapport (déposé en annexe 3) et indiqué son travail et celui du Comité exécutif, lors de la période 2011–2015.

*The Secretary-General presented his report (tabled in Appendix 3), and indicated his work and that of the Executive Committee during the 2011–2015 period.*

## **13 Rapport du Trésorier 2011–2015 / *Treasurer's report 2011–2015***

Le trésorier a présenté son rapport (déposé en annexe 4) et a expliqué la nature des comptes, les revenus et dépenses, et les résultats de l'audit. Il a été noté que le résumé officiel des comptes donnés dans son rapport a couvert la période de 50 mois allant du 1er juin 2011 au 2 juillet 2015.

*The Treasurer presented his report (tabled in Appendix 4), and explained the nature of the accounts, the levels of income and expenditure, and the outcomes of the audit. It was noted that the formal summary of the accounts given in his report covered the 50-month period from 1 June 2011 to 2 July 2015.*

## **14 Rapport des Commissaires aux comptes/ *Auditors' report***

Les commissaires aux comptes honoraires, Professeur Hal Moellering (Etats-Unis) et Dr Swarna Subba Rao (Inde), élus par la 15e Assemblée Générale en 2011 pour servir pendant une période de quatre ans, avait examiné les comptes. Le professeur Moellering a présenté le rapport (déposé en annexe 4).

L'approbation des rapports de ces officiels (10: président, 11: Le Secrétaire général, 12: Trésorier et 13: Commissaires aux comptes) a été validée par l'Assemblée Générale à main levée.

*The Honorary Auditors, Prof Harold Moellering (USA) and Dr Swarna Subba Rao (India) elected by the 15th General Assembly in 2011 to serve for a four year period, had examined the accounts. Prof Moellering presented the report (reproduced in Appendix 4).*

*The adoption of the reports by these officers (10: President, 11: Secretary-General, 12: Treasurer and 13: Honorary Auditors) was accepted by the General Assembly by a show-of-hands.*

## **15 Adoption des comptes / *Adoption of the Accounts***

L'Assemblée Générale a approuvé formellement les comptes à main levée.

*The General Assembly formally approved the accounts by a show-of-hands.*

## **16 Proposition finale de budget 2015-2019 / *Proposed budget 2015-2019***

Le Secrétaire général a proposé le budget suivant pour la période 2015-2019 :

*The Secretary-General proposed the following budget for the term 2015-2019:*

Tous les montants en Euros / *All amounts in Euros:*

cotisations des nations	140 000	<i>national members fees</i>
cotisations des affiliés	65 000	<i>affiliate members fees</i>
ventes d'ouvrages	40 000	<i>sales of publications</i>
produits financiers	8 000	<i>interests on investments</i>
	30 000	<i>from the funds</i>
<b>total des recettes</b>	<b>283 000</b>	<b><i>total income</i></b>
secrétariat & voyages	100 000	<i>offices and travel</i>
gestion du site web	20 000	<i>website management</i>
Cotisations aux organisations internationales	20 000	<i>membership fees in international organisations</i>
Année de la carte	30 000	<i>IMY</i>
commissions, gr. travail	55 000	<i>commissions &amp; working groups</i>
publications	25 000	<i>publications</i>
Fonds de solidarité	30 000	<i>Solidarity Fund</i>
divers	3 000	<i>miscellaneous</i>
<b>total des dépenses</b>	<b>283 000</b>	<b><i>total expenditures</i></b>

<b>comptes, fin de période</b>		<b><i>funds at end of period</i></b>
<b>compte courant</b>	<b>250 000</b>	<b><i>bank account</i></b>

Les cotisations des membres nationaux ont été présentées et des modifications mineures ont été proposées :

*The subscription fee of the national members was also presented and minor adjustments was suggested:*

<b>Forme courte</b>	<b>Short form</b>	<b>Subscription (2015-2019)</b>
Afrique du Sud	South Africa	750
Algérie	Algeria	250
Allemagne	Germany	1500
Argentine	Argentina	250
Australie	Australia	1000
Autriche	Austria	750
Belgique	Belgium	750
Bénin	Benin	250
Botswana	Botswana	250
Brésil	Brazil	500
Bulgarie	Bulgaria	250
Canada	Canada	1000
Chili	Chile	250
Chine	China	1500
Chypre	Cyprus	250
Colombie	Colombia	250
Croatie	Croatia	250

Cuba	Cuba	250
Danemark	Denmark	500
Equateur	Ecuador	250
Espagne	Spain	1000
États-Unis d'Amérique	United States of America	2500
ERYDMacédoine	FYROMacedonia	250
Finlande	Finland	250
France	France	2000
Grèce	Greece	500
Hong-Kong	Hong Kong	500
Hongrie	Hungary	500
Inde	India	1000
Indonésie	Indonesia	500
Iran	Iran	750
Irlande	Ireland	500
Israël	Israel	250
Italie	Italy	750
Japon	Japan	1500
Jordanie	Jordan	250
Kazakhstan	Kazakhstan	250
Kenya	Kenya	250
Lettonie	Latvia	250
Lituanie	Lithuania	250
Madagascar	Madagascar	250
Malaisie	Malaysia	250
Maroc	Morocco	250
Mexique	Mexico	500
Mongolie	Mongolia	250
Montenègre	Montenegro	250
Mozambique	Mozambique	250
Nigéria	Nigeria	250
Norvège	Norway	500
Nouvelle-Zélande	New Zealand	250
Pakistan	Pakistan	250
Pays-Bas	The Netherlands	750
Pologne	Poland	750
Portugal	Portugal	250
Rép. de Corée	Republic of Korea	500
République Tchèque	Czech Republic	500
Roumanie	Romania	250

Royaume-Uni	United Kingdom	1500
Russie	Russia	1500
Serbie	Serbia	250
Slovaquie	Slovakia	250
Slovénie	Slovenia	250
Sri Lanka	Sri Lanka	250
Suède	Sweden	750
Suisse	Switzerland	750
Tanzanie	Tanzania	250
Thaïlande	Thailand	250
Trinité-et-Tobago	Trinidad and Tobago	250
Turquie	Turkey	500
Ukraine	Ukraine	250
Uruguay	Uruguay	250

Des remarques sur le budget prévisionnel ont été présentés par la France, qui a proposé, en raison du bénéfice élevé, de soutenir financièrement l'organisation de la Conférence cartographique internationale (ICC). Le Président a répondu que conformément au Guide d'organisation de conférence de l'ACI, l'organisation n'est pas soutenue financièrement pour la réalisation des ICCs, mais il est attendu que l'organisateur local paye une taxe de 2% (sur les rentrées des frais d'inscription). En complément, le Secrétaire Général a indiqué que, conformément aux règles de l'ICSU, il est attendu que l'organisation d'une conférence internationale dispose de 3 années de réserves du budget annuel. Il a aussi indiqué que le budget proposé s'appuie sur le retour d'expérience du budget 2011-2015. L'organisation doit aussi respecter les règles des Autorités des Impôts de Suède en tant qu'association enregistrée.

*Comments on the proposed budget were presented by France, which suggested, because of the high surplus, to financially support the organization of the the International Cartographic Conference (ICC). The President answered that according to the ICA Guidelines the organization is not financially supporting the ICCs, but it is expected that the local organizers pay a 2% levy (based on the income on registration fees).*

*In addition, the Secretary-General mentioned that according to the ICSU proposal it is expected that an international scientific organization has 3 years reserve of the annual budget. He also mentioned that the proposed budget is based on the 2011-2015 term experiences. The organization should also comply with the rules of the Swedish Tax Authority as a registered non-idealistic organization.*

## 17 Statuts de l'ACI / ICA Statutes

### Une motion pour modifier les statuts a été reçue de Suède :

L'article 15 des statuts de l'ACI indique que le Président de l'ACI a le pouvoir de décider du lieu de domiciliation de l'ACI. La Société Cartographique Suédoise propose de déplacer ce pouvoir à l'Assemblée Générale de l'ACI. Ceci implique que les articles doivent être modifiés, en indiquant que l'Assemblée Générale de l'ACI a le pouvoir de décider du lieu de domiciliation de l'ACI et que par conséquent le pouvoir du Président de l'ACI de décider du lieu de domiciliation de l'ACI soit supprimé. Le paragraphe 15 des Statuts de l'ACI est rédigé ainsi actuellement :

---

**Article 15 : Domiciliation de l'Association**

La domiciliation de l'Association est fixée par le Président.

En résumé : la Société Cartographique Suédoise souhaiterait changer la formulation de Président à Assemblée Générale pour lire ainsi :

**Article 15. Domiciliation de l'Association**

La domiciliation de l'Association est fixée par l'Assemblée Générale.

Justification : Le Docteur Carl Mannerfeld a réalisé un excellent travail pour la création de l'ACI et en hommage l'ACI devait être enregistrée en Suède. Une autre motivation est de continuer à enregistrer l'ACI en Suède comme c'est le cas depuis 1999. En donnant le pouvoir à l'Assemblée Générale de fixer la domiciliation, un changement de domiciliation de l'ACI ne pourrait être pris uniquement qu'après la présentation d'une motion par un état membre ou par une décision de l'Assemblée Générale soumise par le Comité Exécutif.

La motion a été appuyée par les Pays-Bas et acceptée par l'Assemblée Générale à main levée.

***A motion to modify the statutes had been received from Sweden:***

*Article 15 in the ICA statutes says that the ICA President has the authority to decide the domicile of ICA. The Swedish Cartographic Society proposes to move that authority to the ICA General Assembly. That also implies that the by-laws must be changed, stating that the General Assembly of ICA has the right to decide about the domicile of ICA, and subsequently that the right of the ICA President to decide about the domicile of ICA shall be removed. Paragraph 15 of the ICA Statutes now reads:*

***Article 15. Domicile of the Association***

*The domicile of the Association is determined by the President.*

*To summarise: The Swedish Cartographic Society would like to change the wording from President to General Assembly, to read as follows:*

***Article 15. Domicile of the Association***

*The domicile of the Association is determined by the General Assembly.*

*Motivation: Dr Carl Mannerfelt did a really good work to outline the purpose of ICA and to his honour ICA should be registered in Sweden. One other motivation is that ICA should continue to be registered in Sweden as it has been since 1999. By giving the authority to determine the domicile to the General Assembly, a change of domicile of ICA can only be taken after a motion from a member state or by a decision to the General Assembly taken by the Executive Committee.*

*The motion was seconded by the Netherlands and was accepted by the General Assembly by show-of-hands.*

**Le Comité exécutif de l'ACI propose les modifications suivantes (le nouveau texte est écrit en rouge) :**

<b>Article 11: Votes</b>
--------------------------

Version existante :

A la demande d'au moins deux délégués, le vote peut être effectué au scrutin secret.

Recommandations du Comité Exécutif :

**Toutefois, si** au moins deux délégués **ou le Comité Exécutif en font la demande**, le vote **doit** être effectué au scrutin secret.

Justification du Comité Exécutif :

- Ceci reconnaît explicitement le fait que la plupart des votes à l'Assemblée Générale sont effectués à scrutin secret, du fait de la nature complexe de la procédure de vote. Le Comité Exécutif voudrait rendre le déroulement de l'Assemblée Générale le plus efficace possible en proposant que le scrutin secret puisse être utilisé chaque fois que nécessaire.

Remarques du Comité des Statuts :

Le Comité a proposé ce changement.

**Article 14 : Attributions du Comité Exécutif**

Texte existant :

Il se réunit en principe une fois par an, et en outre chaque fois qu'il est nécessaire, ...  
La date et le siège de la conférence qui aura lieu entre les Assemblées Générales peuvent être fixés par le Comité Exécutif

Modifié par :

Il se réunit **au moins** une fois par an, **et** chaque fois qu'il est nécessaire, ...  
La date et le siège de la conférence qui aura lieu entre les Assemblées Générales sont fixés par le Comité Exécutif

Justification du Comité Exécutif :

- Ceci reflète la réalité que le Comité Exécutif s'est rencontré (et avait besoin de se rencontrer) deux fois par an lors des décennies précédentes et qu'il a toujours pris seul la décision de la date et du siège de la conférence qui a lieu entre les Assemblées Générales

Remarques du Comité des Statuts :

Le Comité a proposé ce changement.

**Article 24: Commissions et groupes de travail**

Version existante :

Une Commission se compose d'un président ou d'une présidente, qui est élu(e) à chaque Assemblée. Dans le même temps, l'Assemblée Générale approuvera les termes de référence de cette commission.

Recommandations du Comité Exécutif :

Une Commission se compose d'un président ou d'une présidente, qui est élu(e) à chaque Assemblée Générale. Dans le même temps, l'Assemblée Générale approuvera les termes de



référence de cette commission. **La durée maximale des mandats pour les présidents de commission est de deux périodes successives.**

Justification du Comité Exécutif :

- Nous suggérons d'appliquer la même règle pas seulement aux membres du Comité Exécutif, mais aussi aux Présidents de commission. Deux périodes consécutives doivent être assez pour former les successeurs (plus particulièrement si le président travaillait préalablement comme vice-président).

Remarques du Comité des Statuts :

Le Comité valide.

**Article 27 : Publications**

Version existante :

Pour prendre toute autre publication en considération, le Comité Exécutif désignera un Comité des Publications, comprenant un président et trois membres, dont un seul peut être membre du Comité Exécutif. Le Président et le Secrétaire Général et Trésorier en sont membres supplémentaires ès-qualités. La durée d'activité de ce Comité sera la même que celle du Comité Exécutif, mais pourra être sujette à une prolongation.

Le Comité des Publications examinera toute demande de publication (y compris les rapports de commission), et devra donner son accord sur le texte quant au fond et à la forme (style), sur le format, le tirage, la présentation, le budget de l'opération (devis), ainsi que sur les modalités de diffusion envisagées.

Recommandations du Comité Exécutif :

Pour prendre toute autre publication en considération, le Comité Exécutif désignera un Comité des Publications, comprenant un président et trois membres, dont un seul peut être membre du Comité Exécutif. Le Président, le Secrétaire Général et Trésorier, **un des éditeurs du Journal International de Cartographie, un des éditeurs des Nouvelles de l'ACI et un des éditeurs du site web de l'ACI** en sont membres supplémentaires ès-qualités. La durée d'activité de ce Comité sera la même que celle du Comité Exécutif, mais pourra être sujette à une prolongation.

Le Comité des Publications examinera toute demande de publication (y compris les rapports de commission), et devra donner son accord sur le texte quant au fond et à la forme (style), sur le format, le tirage, la présentation, le budget de l'opération (devis), ainsi que sur les modalités de diffusion envisagées.

Justification du Comité Exécutif :

- Nous avons à gérer la nouvelle situation et donner la priorité aux intervenants de l'ACI les plus concernés

Remarques du Comité des Statuts :

Le Comité valide et a entamé des discussions avec le Comité Exécutif pour s'assurer que toutes les activités concernant l'ACI sont représentées dans le Comité de Publications.

**Article 32: Langues de référence**

Version existante :

En cas de doute sur l'interprétation des statuts, le texte français sera exclusivement employé pour décider du sens à donner aux articles précédents.

Recommandations du Comité Exécutif :

En cas de doute sur l'interprétation des statuts, le **texte anglais** sera exclusivement employé pour décider du sens à donner aux articles précédents.

Justification du Comité Exécutif :

- Presque 100% des courriers et des communications de l'ACI sont en anglais. Tous les documents officiels de l'ACI sont écrits d'abord en anglais puis traduits en français si nécessaires (en pratique, uniquement pour l'Assemblée Générale). Cette proposition ne modifie pas l'Article 31 : les langues officielles de l'ACI sont toujours le français et l'anglais et la traduction simultanée sera toujours assurée lors de l'Assemblée Générale.

Remarques du Comité des Statuts :

Le Comité des Statuts fait remarquer que le français est plus précis que l'anglais pour des objectifs de clarification des textes.

## Motions par le CE :

### Arrêté 1 e)

#### Version existante :

La cotisation annuelle des organisations affiliées définies à l'arrêté 5 (a) est fixée à un minimum d'une unité de cotisation pour les catégories (1) et (2), un minimum de deux unités de cotisation pour les catégories (3) et (4) et à un minimum de dix unités de cotisation pour la catégorie (5)

#### Recommandations du Comité Exécutif :

La cotisation annuelle des organisations affiliées définies à l'arrêté 5 (a) est fixée à un minimum d'une unité de cotisation pour les catégories (1) et (2), un minimum de deux unités de cotisation pour les catégories (3) et (4) et à un minimum de dix unités de cotisation pour la catégorie (5). **Il n'y a pas de cotisation à payer pour la catégorie (6) des organisations affiliées.**

### Arrêté 5 a)

#### Version existante :

En ce qui concerne l'affiliation décrite à l'article 3, on se référera aux catégories suivantes:  
(1)... (5)

#### Recommandations du Comité Exécutif :

En ce qui concerne l'affiliation décrite à l'article 3, on se référera aux catégories suivantes:  
(1)... (5)  
**(6) membres des Nations Unies**

#### Justification du Comité Exécutif :

- Une nouvelle catégorie pour des organisations affiliées spéciales est nécessaire. La seule organisation affiliée que le Comité Exécutif recommande d'inclure dans cette catégorie est la Section cartographique des Nations Unies

#### Remarques du Comité des Statuts :

Le Comité est d'accord sur le principe de fournir aux membres des Nations Unies un statut officiel de membre sans cotisation financière (via la nouvelle catégorie (6))

### Arrêté 1 f)

#### Version existante :

Nouveau texte

#### Recommandations du Comité Exécutif :

**If a subscription is in arrears for three consecutive years the Executive Committee can recommend to the General Assembly to cancel the membership.**

**Si l'arriéré de cotisation est de trois années consécutives, le Comité Exécutif peut recommander à l'Assemblée Générale de radier le membre.**

Justification du Comité Exécutif :

- Il est nécessaire de comparer avec l'Article 4 des Statuts (nation membre) « Toutefois, sur proposition du Comité Exécutif, l'Assemblée Générale des délégués peut retirer le droit de vote aux nations membres n'ayant pas réglé leur cotisation depuis au moins trois ans. » Ceci permet la suppression des droits de vote, mais il est important de présenter explicitement aussi la possibilité de radier le membre.

Remarques du Comité des Statuts :

Le Comité est d'accord avec la formulation présentée

**Arrêté 6**

Version existante :

Les nations membres et les organisations affiliées de l'ACI peuvent bénéficier des prestations suivantes:

- invitation à toutes les conférences de l'ACI
- un exemplaire gratuit de toutes les publications de l'ACI, y compris la Lettre de liaison de l'ACI
- des exemplaires gratuits des rapports nationaux présentés aux Assemblées Générales de l'ACI; des copies gratuites des collections publiées des communications lorsqu'elles sont disponibles et envoyées aux membres et aux organisations affiliées n'ayant pas pu assister à la conférence
- des stages de formation organisés de temps en temps si le besoin en est montré et si les moyens financiers sont disponibles
- traitement préférentiel dans les expositions de l'ACI

Recommandations du Comité Exécutif :

Les nations membres et les organisations affiliées de l'ACI peuvent bénéficier des prestations suivantes:

- invitation à toutes les conférences de l'ACI
- accès à une liste de toutes les publications de l'ACI
- des exemplaires gratuits des rapports nationaux présentés aux Assemblées Générales de l'ACI;
- accès à la collection publiée des articles présentés en conférence quand ils sont disponibles
- des sessions de formation organisées de temps en temps si le besoin en est montré et si les moyens financiers sont disponibles
- traitement préférentiel dans les expositions de l'ACI
- accès et contribution à la Lettre de liaison de l'ACI
- accès et contribution au site web de l'ACI
- accès complet aux divers types d'instruments de l'ACI

Justification du Comité Exécutif :

- Ces changements reflètent les évolutions des publications de l'ACI et des méthodes de diffusion de l'information, d'échanges avec les membres et de contribution possible des membres à l'organisation.

Remarques du Comité des Statuts :

C'est une proposition conjointe du Comité des Statuts et du Comité Exécutif

**Arrêté 8**

Version existante :

Les candidatures aux postes de Président, de Secrétaire Général et Trésorier, et de Vice-président du Comité Exécutif, ainsi que les candidatures aux présidences des commissions, dûment proposées par leurs nations membres respectives, doivent être envoyées au moins cinq mois avant la date fixée pour l'Assemblée Générale des délégués. Ces candidatures doivent être accompagnées d'une notice écrite du candidat indiquant son accord pour assumer ces responsabilités et fournissant les informations biographiques sous la forme prescrite par le Comité Exécutif.

Recommandations du Comité Exécutif :

Les candidatures aux postes de Président, de Secrétaire Général et Trésorier, et de Vice-président du Comité Exécutif, ainsi que les candidatures aux présidences des commissions, dûment proposées par leurs nations membres respectives, doivent être envoyées au moins cinq mois avant la date fixée pour l'Assemblée Générale des délégués. Ces candidatures doivent être accompagnées d'une notice écrite du candidat indiquant son accord pour assumer ces responsabilités et fournissant les informations biographiques sous la forme prescrite par le Comité Exécutif.

**Un candidat ne peut être nommé que pour un seul poste du Comité Exécutif (Président, Secrétaire Général et Trésorier, et Vice-Président), de Président de commission et de Commissaires aux comptes.**

Justification du Comité Exécutif :

- Etre un officiel de l'ACI est un service difficile. Les Statuts ne donnent pas un guide clair sur les candidatures. Cette phrase supplémentaire clarifie certains doutes. Une personne ne peut être nommée qu'à un seul de ces postes.

Remarques du Comité des Statuts :

Le Comité est d'accord avec la limitation à un seul poste que peut occuper une personne, mais souhaite conserver la possibilité de candidatures à plusieurs postes.

**Arrêté 9**

Version existante :

Nouveau texte

Recommandations du Comité Exécutif :

**Afin de garantir l'efficacité du travail de la commission sur la base des termes de référence approuvés, le Comité Exécutif pourra recommander, au pays ayant proposé la candidature du président de cette commission, de le remplacer avant l'Assemblée Générale suivante.**

Justification du Comité Exécutif :

- Cet ajout peut aider le Comité Exécutif pour l'encadrement des commissions.

Remarques du Comité des Statuts :

Le Comité est d'accord pour qu'un nouvel arrêté soit introduit pour guider l'action des commissions.

---

**The ICA Executive Committee (EC) suggests the following changes (new text is written in red):**

#### **Article 11: Voting**

Existing version:

However, if at least two delegates make a request, the vote shall be taken by ballot.

Executive Committee's recommendation:

However, if at least two delegates, **or the Executive Committee**, make a request, the vote shall be taken by ballot.

Executive Committee's justification:

- This explicitly recognises the fact that most votes in the General Assembly are taken by ballot, due to the complex nature of voting. The Executive Committee would like to make the business of the General Assembly most efficient by proposing that ballots be used whenever necessary.

The Statutes Committee remarks:

The Committee proposed this change.

---

#### **Article 14. Authority of the Executive Committee**

Existing text:

As a rule, it meets once a year, but may meet whenever deemed necessary ...

The time and place of the International Cartographic Conference between General Assemblies may be determined by the Executive Committee.

Change to:

It meets **at least** once a year, **and** may meet whenever deemed necessary ...

The time and place of the International Cartographic Conference between General Assemblies **is** determined by the Executive Committee.

Executive Committee's justification:

- This reflects the realities that the Executive Committee have met (and have needed to meet) twice a year for the past decades, and that it alone makes the decision on the time and place of the ICC between General Assemblies.

The Statutes Committee remarks:

The Committee proposed this change.

---

#### **Article 24: Commissions, Working Groups and Task Forces**

Existing version:

A Commission is chaired by an individual, who is to be elected at each General Assembly. The General Assembly shall, at the same time, approve terms of reference for that Commission.

Executive Committee's recommendation:

A Commission is chaired by an individual, who is to be elected at each General Assembly. The General Assembly shall, at the same time, approve terms of reference for that Commission. *The maximum tenure for commission chairs is two consecutive terms.*

Executive Committee's justification:

- We suggest applying the same rule for not just EC members, but also for the commission chairpersons. Two consecutive periods should be enough to train successors (especially if the chairperson worked as a vice-chair previously).

The Statutes Committee remarks:

The Committee agrees.

**Article 27. Publications**

Existing version:

For consideration of other publications, the Executive Committee shall appoint a Publications Committee consisting of a Chairperson and three members, only one of these four may be a member of the Executive Committee. The President and the Secretary General and Treasurer shall be additional members *ex officio*. The tenure of office of the Committee shall be the same as the Executive Committee, but the members may be re-appointed. The Publications Committee will examine proposals for publications (including commission reports), approve plans in terms of production, format and style, budgets and expenditure and distribution arrangements.

Executive Committee's recommendation:

For consideration of other publications, the Executive Committee shall appoint a Publications Committee consisting of a Chairperson and three members; only one of these four may be a member of the Executive Committee. The President, the Secretary General and Treasurer *and one of the editors of the International Journal of Cartography, one of the editors of ICA News, and one of the editors of the ICA website* shall be additional *ex officio members*. The tenure of office of the Committee shall be the same as the Executive Committee, but the members may be re-appointed. The Publications Committee will examine proposals for publications (including commission reports), approve plans in terms of production, format and style, budgets and expenditure and distribution arrangements.

Executive Committee's justification:

- We have to manage the new situation and give some preference to the ICA outreach officers.

The Statutes Committee remarks:

The Committee agrees and has engaged in discussion with the Executive Committee to ensure that the full outreach activities of ICA are represented on the Publications Committee.

**Article 32: Decisive Language**

Existing version:



*In cases of doubt on the interpretation of the statutes, the French text only shall be used in deciding the meaning given to the Articles.*

Executive Committee's recommendation:

*In cases of doubt on the interpretation of the statutes, the **English** text shall be used.*

Executive Committee's justification:

- *Nearly 100% of the ICA's correspondence and communication is in English. All official ICA documents are written in English first and then translated into French if necessary (practically only for the General Assemblies). This suggestion does not affect Article 31, the official languages are still French and English and simultaneous translation will be provided on the General Assembly.*

The Statutes Committee remarks:

*The Committee feels that French is much more precise than English for purposes of clarification.*

**Motions by the EC:**

**By-law 1 e)**

Existing version:

*The subscription for Affiliate members, as defined in By-law 5(a), is set as a minimum of one subscription unit for categories (1) and (2), a minimum for two subscription units for category (3) and (4) and a minimum of ten subscription units for category (5).*

Executive Committee's recommendation:

*The subscription for Affiliate members, as defined in By-law 5(a), is set as a minimum of one subscription unit for categories (1) and (2), a minimum for two subscription units for category (3) and (4) and a minimum of ten subscription units for category (5). **There is no subscription fee payable for category (6) Affiliate members.***

**By-law 5 a)**

Existing version:

*For the purpose of affiliation as described in Article 3 the following categories shall apply:  
(1)... (5)*

Executive Committee's recommendation:

*For the purpose of affiliation as described in Article 3 the following categories shall apply:  
(1)... (5)  
**(6) UN bodies***

Executive Committee's justification:

- *A new category for special affiliate members is necessary. The only existing affiliate member that the EC recommends for inclusion in this category is the UN Cartographic Section.*

The Statutes Committee remarks:

The Committee agrees with the principle of giving UN bodies official affiliate membership at no cost (through the new category 6).

**By-law 1 (f)**

Existing version:

New text.

Executive Committee's recommendation:

*If a subscription is in arrears for three consecutive years the Executive Committee can recommend to the General Assembly to cancel the membership.*

Executive Committee's justification:

- It is necessary to compare Statutes Article 4 (National representation):  
"However, at the request of the Executive Committee, the General Assembly may withdraw the right to vote from member nations which have not paid their contribution for the previous three years." This allows for withdrawal of voting rights, but it is important to explicitly present also the potential to cancel membership.

The Statutes Committee remarks:

The committee agrees with the wording as tabled.

**By-law 6**

Existing version:

ICA member nations and affiliates shall be entitled to the following services:

- Invitation to all ICA International Cartographic Conferences
- One free copy of all ICA publications including the ICA Newsletter
- Free copies of National Reports presented to ICA general assemblies. Free copies of the published collection of presented conference papers when made available, posted to members and affiliates unable to be present at the conference.
- Training courses, from time to time, as the need is demonstrated and finance is available.
- Preferential treatment in exhibitions of ICA.

Executive Committee's recommendation:

ICA member nations and affiliates shall be entitled to the following services:

- Invitation to all ICA International Cartographic Conferences
- *Access to a list of all ICA publications*
- Free copies of National Reports presented to ICA General Assemblies
- *Access to the published collection of presented conference papers when made available*
- Training courses, from time to time, as the need is demonstrated and finance is available.
- Preferential treatment in exhibitions of ICA.
- *Access and contributing to ICA News.*

- *Access and contributing to the ICA website.*
- *Full access to the full range of instruments of ICA.*

Executive Committee's justification:

- *These changes reflect the changing nature of ICA Publications and the methods of disseminating information, keeping in touch with members, and allowing members to make contributions to the organisation.*

The Statutes Committee remarks:

*This is a joint proposal developed by the Statutes Committee and the Executive Committee.*

**By-law 8**

Existing version:

*Nominations for President, Secretary General and Treasurer, and Vice-President of the Executive Committee, and nominations of chairpersons of commissions, duly proposed by their respective member nations, must be received by the Secretary General at least five months prior to the date determined for the General Assembly of Delegates. Such nominations must be accompanied by an indication in writing from the candidate that he/she is willing to serve, supported by a brief CV.*

Executive Committee's recommendation:

*Nominations for President, Secretary General and Treasurer, and Vice-President of the Executive Committee, and nominations of chairpersons of commissions, duly proposed by their respective member nations, must be received by the Secretary General at least five months prior to the date determined for the General Assembly of Delegates. Such nominations must be accompanied by an indication in writing from the candidate that he/she is willing to serve, supported by a brief CV.*

*Any person can be nominated for only one position of Executive Committee member (President, Secretary General and Treasurer, and Vice-President), commission chair or auditor.*

Executive Committee's justification:

- *To be an ICA officer is a difficult service. The Statutes do not give a clear guidance of the nominations. This extra sentence clarify the uncertainty. An individual may only be nominated for one of these ICA positions.*

The Statutes Committee remarks:

*The Committee agrees to a restriction to one position occupied per person, but would allow multiple nominations.*

**By-law 9**

Existing version:

*New text.*

Executive Committee's recommendation:

*In order to ensure that the commission is performing according to the approved terms of reference, the Executive Committee may recommend that the nominating country replace the commission chairperson prior to the next General Assembly.*

Executive Committee's justification:

- *This addition may assist the EC in its management of commissions.*

The Statutes Committee remarks:

*The Committee agrees that a new By-law be introduced to address the operation of commissions.*

### **Discussion et résultats des votes :**

- Article 11
  - Il n'y a pas eu de discussion et la proposition de changement des Statuts a été acceptée à main levée par la majorité absolue.
- Article 14
  - Israël a commenté la proposition et a pensé que la proposition donne moins de flexibilité au CE. Les USA ont soutenu la proposition qui rejoint la pratique.
  - Cette proposition de changement des Statuts a été acceptée à main levée par la majorité absolue.
- Article 24
  - La Grèce avait une question sur l'applicabilité de la proposition et son effet sur l'élection actuelle. Le Président a répondu à la question : comme la date de dépôt de la proposition était plusieurs mois avant l'Assemblée Générale, l'approbation éventuelle de la proposition n'influerait pas le processus de vote de l'AG 2015.
  - Cette proposition de changement des Statuts a été acceptée à main levée par la majorité absolue.
- Article 27
  - L'Autriche a demandé au CE d'interpréter les détails de la proposition. Le Président a précisé que l'ajout concerne uniquement les membres es-qualités.
  - Cette proposition de changement des Statuts a été acceptée à main levée par la majorité absolue.
- Article 32
  - La Belgique a demandé la version française des documents des propositions de changement des Statuts. Le Président a précisé que la traduction française a été faite il y a quelques semaines et mis à disposition on sur le site web de l'ACI (documents de l'Assemblée Générale).
  - Cette proposition de changement des Statuts N'a PAS été acceptée à main levée.
- Arrêté 1 e) et Arrêté 5 a)
  - Les USA ont demandé des explications. L'Autriche a demandé pourquoi le CE n'a pas décidé une réduction pour les membres des Nations Unies. Le Président a précisé que les Statuts ne permettent pas au CE de changer le montant des cotisations.
  - La proposition a été acceptée à main levée.

- 
- Arrêté 1 f)
    - La proposition a été acceptée à main levée.
  - Arrêté 6
    - La proposition a été acceptée à main levée.
  - Arrêté 8
    - Après la question des USA, le Président a souligné que ce changement s'applique à la fois aux membres du CE et aux présidents de commissions.
    - La proposition a été acceptée à main levée.
  - Arrêté 9
    - L'Autriche est sceptique que ce changement fonctionne. Le Président a certifié que cette proposition était réaliste.
    - La proposition a été acceptée à main levée.

***Discussion and voting results:***

- *Article 11*
  - *There was no discussion, and the Statutes change proposal was accepted by absolute majority by show-of-hands.*
- *Article 14*
  - *Israel commented the proposal and thought that this change gives less flexibility to the EC. USA supported the proposal, it fits in the practice.*
  - *This Statutes change proposal was accepted by absolute majority by show-of-hands.*
- *Article 24*
  - *Greece had a question about the validity of the proposal, how this change would effect the recent election. The President answered the question: as the deadline of proposals was several months before the General Assembly, the potential approval of the suggestion would not influence the voting process of the GA 2015.*
  - *This Statutes change proposal was accepted by absolute majority by show-of-hands.*
- *Article 27*
  - *Austria asked the EC to interpret the details of the proposal. The President expressed that the addition refers to the ex-officio members only.*
  - *This Statutes change proposal was accepted by absolute majority by show-of-hands.*
- *Article 32*
  - *Belgium asked for the French language documents of the Statutes change proposals. The President mentioned that some weeks ago the French translation was also completed and made available on the ICA website (General Assembly documents).*
  - *This Statutes change proposal was NOT accepted by the General Assembly by show-of-hands.*
- *By-law 1 e) and By-law 5 a)*

- 
- *The USA asked for clarification. Austria asked why the EC had not decided on reducing the subscription for the UN bodies. The President answered that the Statutes do not allow the EC to change the subscription fee.*
  - *The proposal was accepted by the General Assembly by show-of-hands.*
  - *By-law 1 f)*
    - *The proposal was accepted by the General Assembly by show-of-hands.*
  - *By-law 6*
    - *The proposal was accepted by the General Assembly by show-of-hands.*
  - *By-law 8*
    - *After the question of the USA, the President emphasizes that this change would refer to both the EC members and the commission chairs.*
    - *The proposal was accepted by the General Assembly by show-of-hands.*
  - *By-law 9*
    - *Austria is sceptic whether this change would work. The President was sure that the proposal is realistic.*
    - *The proposal was accepted by the General Assembly by show-of-hands.*

## **18 Rapport sur les publications / Publications report**

Le Président a résumé succinctement le rapport du Comité de Publication qui a été distribué préalablement aux membres nationaux

*The President shortly summarized the Publication Committee's report, which was distributed to the national members in advance.*

## **19 Rapports nationaux / National Reports**

Les pays-membres suivants ont préparés leurs rapports nationaux pour la période 2011–2015 et ces derniers sont présentés sur la page web de l'Association

*The following countries have prepared national reports for the 2011–2015 term and these are presented on the Association's web page:*

Australie	Australia
Autriche	Austria
Botswana	Botswana
Bulgarie	Bulgaria
Le Canada	Canada
Chili	Chile
Croatie	Croatia
République tchèque	Czech Republic
Finlande	Finland
France	France
Allemagne	Germany
Hongrie	Hungary
Italie	Italy
Japon	Japan
Mexique	Mexico

---

Pays-Bas	Netherlands
Nouvelle-Zélande	New Zealand
Norvège	Norway
Pologne	Poland
Portugal	Portugal
Afrique du Sud	Rep. of South Africa
Russie	Russia
Slovaquie	Slovakia
Slovénie	Slovenia
Espagne	Spain
Suède	Sweden
Suisse	Switzerland
Turquie	Turkey
Etats-Unis	USA

Le Secrétaire général a rappelé aux pays membres que la réalisation d'un rapport national a été une condition d'adhésion, et qu'il était décevant que certains pays n'avaient pas produit un tel rapport pour la distribution.

*The Secretary-General reminded member nations that the production of a national report was a condition of membership, and that it was disappointing that some countries had not produced such a report for distribution.*

## **20 Présentation des activités 2011–2015 des commissions et groupes de travail/ *Presentation of commissions and working group activities 2011–2015***

Le Président a résumé les rapports des Commissions et Groupes de travail en indiquant que les posters qui avaient été demandés pour illustrer le travail de chaque durant la période 2011-2015 sont affichés dans la zone de poster du Centre de Conférence. Le Comité exécutif s'est réjoui que presque toutes les Commissions aient produit un tel poster et a senti que cette activité était une solution importante de promotion du travail conséquent des Commissions et des Groupes de travail. Les posters étaient affichés durant toute la durée de la conférence et une version numérique de chaque poster était présentée sur le site dweb de l'ACI.

De plus, chaque Commission avait été sollicitée pour fournir un court rapport de bilan ; ce résumé était aussi distribué aux membres nationaux avec les documents de l'Assemblée Générale.

Affiches et rapports ont été reçus des Commissions et Groupes de travail suivants :

*The President summarized the reports of Commissions and Working Groups by indicating that the posters which had been requested to illustrate the work of each during the 2011–2015 period are on display in the poster area of the Convention Center. The Executive Committee were pleased that almost all Commissions had produced such a poster, and felt that this activity was a valuable way of publicising the important work of the Commissions and Working Groups. The posters were on display for the entire time of the conference, and digital versions of each poster are presented on the ICA web site.*

*Additionally, each commission was asked to submit a short full term report; this summary was also distributed to the national members as part of the General Assembly documents.*

Posters and reports had been received from the following Commissions and Working Groups:

Commission	Report	Poster
Art and Cartography	X	X
Atlases	X	X
Cartography and Children	X	X
Cartography in Early Warning and Crisis Management	X	X
Cognitive Visualization	X	X
Data Quality		
Digital Technologies in Cartographic Heritage	X	X
Education and Training	X	X
Generalisation and Multiple Representation	X	X
Geoinformation Infrastructures and Standards		
Geospatial Analysis and Modeling	X	X
Geovisualization	X	X
GI for Sustainability	X	X
the History of Cartography	X	X
Map Design	X	X
Map Production and Geo-Business	X	X
Map Projections	X	X
Mapping from Remote Sensor Imagery	X	X
Maps and Graphics for Blind and Partially Sighted People	X	X
Maps and Society		
Maps and the Internet	X	X
Mountain Cartography	X	X
Neocartography		
Open Source Geospatial Technologies	X	X
Planetary Cartography	X	X
Theoretical Cartography	X	
Ubiquitous Mapping	X	X
Use and User Issues	X	X
WG on IMY	X	X
WG on Toponymy	X	X

## 21 Proposition de commissions 2015-2019 ; présentation des candidatures et des termes de références / *Commission proposals 2015-2019 ; presentation of nominations and terms of reference*

Le Président a introduit les nominations des Commissions pour la période 2011-2015. Il a noté que les thèmes des commissions avaient été discutés au Comité exécutif, et que des commissions nouvelles avaient été proposées. En outre, certaines commissions sont proposées pour être poursuivies (certaines avec un nouveau président), et certains groupes de travail sont proposés pour être transformés en Commissions. Dans chaque cas, les termes de référence ont été présentés à l'Assemblée Générale qui a été invitée à approuver les commissions proposées. La liste complète des propositions, des présidents et des Termes de référence est reproduit dans l'annexe 5.

*The President introduced the nominations for Commissions for 2015-2019. He noted that the topics of Commissions had been discussed at the Executive Committee, and that new Commissions had been proposed. In addition, some Commissions are proposed to be continued (some with a new chair), and one Working Group is proposed to be transformed into Commissions. In each case, Terms of Reference were presented to the General Assembly which was asked to approve the Commissions proposed. The full list of proposals, chairs and Terms of Reference is reproduced in Appendix 5.*



---

## 22 Présentation des candidatures au Comité exécutif / *Presentation of nominations to the Executive Committee*

Le Comité exécutif de l'ACI a proposé le nombre de 7 vice-Présidents. La proposition a été acceptée par l'Assemblée Générale.

Le Président a proposé un tirage au sort pour décider de l'ordre d'intervention des Vice-Présidents. Cet ordre sera utilisé pour la présentation et les noms seront listés dans cet ordre sur le bulletin de vote.

Les scrutateurs ont aidé au tirage au sort.

Le Président introduit les nominations aux postes du Comité exécutif et a invité chaque candidat à se présenter à l'Assemblée Générale.

*The ICA Executive Committee suggested seven Vice-Presidents. The proposal was accepted by the General Assembly.*

*The President suggested a draw to decide the order of Vice-President applications. This order will be used for the introduction and the names will be listed in this order on the voting form. The Scrutineers assisted in the draw.*

*The President introduced the nominations for positions on the Executive Committee and invited each candidate to present themselves to the General Assembly.*

### Président/President

Menno-Jan Kraak	Pays Bas / <i>Netherlands</i>
-----------------	-------------------------------

### Secrétaire-général et trésorier/Secretary General and treasurer

László Zentai	Hongrie / <i>Hungary</i>
---------------	--------------------------

### Vice-President

Lynn Usery	Etats-Unis / <i>USA</i>
Sara Fabrikant	Suisse / <i>Switzerland</i>
Igor Drecki	Nouvelle-Zélande / <i>New Zealand</i>
Yaolin Liu	Chine / <i>China</i>
Pilar Sanchez-Ortiz	Espagne / <i>Spain</i>
Vít Voženílek	République Tchèque / <i>Czech Republic</i>
David Forrest	Royaume-Uni / <i>United Kingdom</i>
Masatoshi Arikawa	Japon / <i>Japan</i>
Monika Sester	Allemagne / <i>Germany</i>

---

## **23 Propositions pour les prochaines conférences/ *Future conference proposals***

Le Président a introduit les deux soumissions pour organiser la 17e Assemblée Générale et la 29ème conférence cartographique internationale. Chaque soumission a disposé de 15 minutes pour faire une présentation à l'Assemblée Générale (l'ordre des présentations a été décidé par un tirage réalisé par les scrutateurs). Les représentants d'Italie ont présenté la candidature de Florence pour la réunion de 2019, suivis par des représentants du Japon qui ont proposé Tokyo comme site de l'événement.

La première session de l'Assemblée Générale a terminé exactement à 16h45, le 23 août 2015.

*The President introduced the two bids to hold the 17th General Assembly and 29th International Cartographic Conference. Each bid was given 15 minutes to make a presentation to the General Assembly (the order of the presentations was decided by a draw with the contribution of the Scrutineers). Representatives from Italy presented the candidacy of Florence for the 2019 meeting, followed by representatives from Japan, who proposed Tokyo as the site of the event.*

*The first session of the General Assembly finished promptly at 16:45 hrs on Sunday 23 August 2015.*

---

**Deuxième session: vendredi 28 août 2015 8h30 - 10h30 /**  
**Second Session: Friday 28th August 2015 8:30 - 10:30**

Le Président rouvrait l'assemblée à 8 h 30 et pria le secrétaire-général de faire l'appel des membres.  
*The President reopened the assembly at 8.30, and asked the Secretary-General to proceed with the roll call.*

**24 Appel des membres/ Roll call of members**

La présence de membres à la deuxième session de l'Assemblée Générale est enregistrée dans la colonne appropriée sous le point 3 des présents comptes-rendus.

*The presence of members in the second session of the General Assembly is recorded in the appropriate column under item 3 of these Minutes.*

**25 Droit de vote / Voting eligibility**

Les droits de vote des membres présents à cette séance de l'Assemblée Générale ont été déterminés par le Secrétaire général et trésorier. 40 pays étaient présents avec les droits de vote.

*The voting rights of members present in this session of the General Assembly were determined through the Secretary-General & Treasurer. 40 countries were present with voting rights.*

**26 Vote sur l'adhésion: nouveaux membres nationaux/ Voting on  
Membership: new member nations**

Après le premier jour de l'Assemblée Générale, une lettre a été reçue du membre national roumain. La Roumanie souhaite être membre à nouveau de l'ACI et a été invitée à payer leur cotisation 2015 sur place, ce qui a été fait. Le Comité exécutif a approuvé la demande.

Résultats du vote : l'Assemblée Générale a réintroduit le membre de la Roumanie. Le délégué du pays peut se joindre à l'Assemblée Générale.

*After the first day of the General Assembly a letter was received from the Romanian national member. Romania wants to be a member of the ICA again, and was willing to pay their 2015 memberships fee on the spot, which they did. The Executive Committee supported the request.*

*Vote results: the General Assembly reinstated the membership of Romania. The delegate of the country might join the General Assembly.*

**27 Désignation de deux scrutateurs / Nomination of two Scrutineers**

Ce point de l'agenda était inutile puisque les scrutateurs ont été élus lors du premier jour de l'Assemblée Générale et ont continué leur travail le deuxième jour de l'Assemblée Générale.

*This Agenda was unnecessary, since the Scrutineers were elected on the first day of the General Assembly, and continued their work on the second day of the General Assembly.*

**28 Vote des comptes du budget 2015-2019 / Vote on the 2015-2019 budget**

Le budget 2015-2019 fut mis au vote par le Président et fut approuvé par tous les membres, à l'exception d'une abstention.

---

*The budget proposal was put to the vote by the President and was approved by all members, save for one abstention.*

### **29 Election du Président 2015-2019 / Election of the President 2015-2019**

Le Président proposait le vote avec Menno-Jan Kraak comme candidat. Le résultat du vote fut que Menno-Jan Kraak était élu président de l'ACI pour la période 2015-2019.

*The President referred to the voting form, with Menno-Jan Kraak as candidate. The President announced the result of the ballot: Menno-Jan Kraak was elected Président of the ICA for the 2015-2019 term.*

### **30 Election du Secrétaire Général / Election of the Secretary-General**

Le Président proposait le vote avec László Zentai comme candidat. Le résultat du vote fut que László Zentai était élu Secrétaire Général de l'ACI pour la période 2015-2019.

*The President referred to the voting form, with László Zentai as candidate. The result of the ballot was that László Zentai was elected Secretary-General of the ICA for the 2015-2019 term.*

### **31 Election des Vice-présidents/ Election of Vice-Presidents**

Le Président expliquait le vote avec la candidature de neuf candidats pour sept postes, listés dans l'ordre tiré au sort. Les candidats suivants ont été élus au vote :

*The President explained the voting form, on which the nine nominated candidates for the seven posts had been listed in the draw order. The following candidates were elected based on the ballots:*

*Sara Fabrikant (Suisse/Switzerland)  
David Forrest (Royaume-Uni/United Kingdom)  
Yaolin Liu (Chine/China)  
Pilar Sanchez-Ortiz (Espagne/Spain)  
Monika Sester (Allemagne/Germany)  
Lynn Usery (USA/USA)  
Vít Voženílek (République Tchèque / Czech Republic)*

Gartner servira comme ancien président  
*Gartner would serve as past-president.*

### **32 Election des commissaires aux comptes 2015-2019 / Election of Auditors 2015-2019**

Les candidatures ont été reçues pour deux commissaires aux comptes honoraires, Professeur Hal Moellering, Etats-Unis, et le Dr Swarna Subba Rao, en Inde. Ces deux candidatures ont été votées par l'Assemblée Générale à main levée.

*Nominations had been received for two Honorary Auditors, Prof Harold Moellering, USA, and Dr Swarna Subba Rao, India. These two nominations were voted by the General Assembly by show of hands.*

### 33 Propositions de commissions 2015-2019/ *Commission proposals 2015-2019*

Les propositions des commissions, avec les nominations pour les présidents et les Termes de Référence, ont été diffusées dans l'Agenda. Le formulaire de vote ci-dessous a été utilisé pour l'élection des Commissions.

*Proposals for Commissions, with nominations for Chairs and Terms of Reference, had been circulated in the Agenda. The following voting form was used for the election of Commissions.*

Commission et président proposé / <i>Commission and proposed chair</i>	Oui / Yes	Non / No	Abstention
Art et cartographie / <i>Art and cartography</i> [président Sébastien Caquard, Canada/Canada]			
Atlas / <i>Atlas</i> [président René Sieber, Suisse / Switzerland]			
Carte (ou cartographie) topographiques / <i>Topographic mapping</i> [président Alexander Kent, Royaume-Uni / UK]			
Cartes et graphes pour les personnes aveugles et malvoyantes / <i>Maps and graphics for blind and partially-sighted people</i> [président Alejandra Coll, Chili / Chile]			
Cartographie des montagnes / <i>Mountain cartography</i> [président Dušan Petrovič, Slovénie / Slovenia]			
Cartographie et les enfants / <i>Cartography and children</i> [président Carla Sena, Brésil / Brazil]			
Cartographie et l'internet / <i>Maps and the internet</i> [président Rex Cammack, États-Unis d'Amérique / USA]			
Cartographie omniprésente / <i>Ubiquitous cartography</i> [président Masatoshi Arikawa, Japon / Japan]			
Cartographie planétaire / <i>Planetary cartography</i> [président Henrik Hargitai, Hongrie / Hungary]			
Cartographie dans l'alerte précoce et la gestion de crise / <i>Cartography in early warning and crises management</i> [président Milan Konečný, République Tchèque / Czech Republic]			
Conception cartographique / <i>Map design</i> [président Ken Field, Royaume-Uni / UK]			
Éducation et formation / <i>Education and training</i> [président David Fairbairn, Royaume-Uni / UK]			
Généralisation et représentation multiple / <i>Generalisation and multiple representations</i> [président Dirk Burghardt, Allemagne / Germany]			
Histoire de la cartographie / <i>History of cartography</i> [président Imre Josef Demhardt, États-Unis d'Amérique / USA]			
La cartographie orientée-Capteurs / <i>Sensor-driven mapping</i> [président Jonathan Li, Canada/Canada]			
LBS, services basés sur la localisation / <i>Location based services</i> [président Haosheng Huang, Chine / China]			
L'usage, l'utilisateur, et l'utilisabilité / <i>Use, User and Usability Issues</i> [président Kristien Ooms, Belgique / Belgium]			
Modélisation et analyse géospatiales / <i>Geospatial Analysis and Modeling</i> [président Xiaobai Angela Yao, États-Unis d'Amérique / USA]			
Patrimoine Cartographique et Numérisation / <i>Cartographic Heritage into the Digital</i> [président Evangelos Livieratos, Grèce / Greece]			
Production de cartes et géo-business / <i>Map Production and Geoinformation Management</i> [président Peter Schmitz, Afrique du Sud / South Africa]			
Projections cartographiques / <i>Map projections</i> [président Miljenko Lapaine, Croatie / Croatia]			

SDI et Standards / <i>SDI and Standards</i> [président Serena Coetzee, Afrique du Sud / <i>South Africa</i> ]			
SIG et développement durable / <i>GI for sustainability</i> [président Vladimir Tikunov, Russie / <i>Russia</i> ]			
Technologies géospatiales open source / <i>Open source geospatial technologies</i> [président Silvana Comboim, Brésil / <i>Brazil</i> ]			
Toponymes / <i>Toponymy</i> [président Paulo Menezes, Brésil / <i>Brazil</i> ]			
Visual Analytic / <i>Visual Analytics</i> [président Anthony Robinson, États-Unis d'Amérique / <i>USA</i> ]			
Visualisation cognitive / <i>Cognitive Issues in Geographic Information Visualization</i> [président Amy Griffin, Australie / <i>Australia</i> ]			

Le résultat a été que toutes les commissions ont été élues.

*The result was that all Commissions were voted in.*

### **34 Sélection du lieu de la 17<sup>o</sup> Assemblée Générale et de la 29<sup>o</sup> Conférence cartographique internationale / *Selection of the place of the 17th General Assembly and the 29<sup>th</sup> International Cartographic Conference***

Le Président lançait ensuite le vote pour la sélection du lieu de la dix-septième Assemblée Générale et de la vingt-neuvième Conférence cartographique internationale. Après avoir effectué la vote, il pouvait informer l'assemblée que Tokyo (Japon) avait été élue.

*The President then proceeded to the vote for selecting the venue of the 17th General Assembly and 29th International Cartographic Conference. After the vote he could inform the assembly that Tokyo (Japan) had been voted.*

### **35 Clôture / *Closing***

Le Président fermait l'assemblée a 10 h 15, en remerciant les scrutateurs ainsi que les délégués et les organisateurs pour tout leur travail

*The president closed the assembly at 10.15, thanking the scrutineers, the delegates and the organisers for all their work.*

## Appendix 1

### Ordre du jour 15<sup>o</sup> Assemblée Générale de l'ACI Agenda 15th ICA General Assembly

	Première session : dimanche 3 juillet 2011 (10:30h - 17h)	First Session : Sunday 3rd July 2011 10:30 – 17:00	chaired by:
1	Ouverture et allocations de bienvenue	<i>Opening and addresses</i>	President
2	La reconnaissance de la mémoire des membres de la communauté de l'ACI	<i>Recognition of the memory of members of the ICA community</i>	President
3	Appel des membres	<i>Roll call of members</i>	Secretary General
4	Adoption de l'ordre du jour	<i>Adoption of the Agenda</i>	Secretary General
5	Membres suspendus de vote	<i>Members ineligible to vote</i>	President
6	Exclusion de membres	<i>Exclusion from Membership*</i>	President
7	Adoption du compte-rendu de la 14 <sup>o</sup> Assemblée Générale, 2007	<i>Adoption of the minutes of the 14th General Assembly, 2007</i>	Secretary General
8A	Nouveaux membres nationaux	<i>New member nations*</i>	Secretary General
8B	Proposition visant à modifier représentant nation membre	<i>Proposal to change member nation representative*</i>	Secretary General
9	Nouveaux membres affiliés	<i>New affiliate members*</i>	Secretary General
10	Rapport du Président – 2007-2011	<i>President's report 2007-2011</i>	President
11	Rapport du Secrétaire général –2007-2011	<i>Secretary General's report 2007-2011</i>	Secretary General
12	Rapport du Trésorier – 2007-2011	<i>Treasurer's report 2007-2011</i>	Secretary General
13	Rapport des Commissaires aux comptes	<i>Auditors' report</i>	H.Moellering, N.Komedchikov
14	Adoption des comptes	<i>Adoption of the Accounts*</i>	Secretary General
15	Proposition finale de budget 2011-2015	<i>Proposed budget 2011-2015*</i>	Secretary General
16	Statuts de l'ACI	<i>ICA Statutes*</i>	Tim Trainor
17	Rapport sur les publications	<i>Publications report</i>	Ferjan Ormeling
18	Rapport nationaux	<i>National reports</i>	Secretary-General
19	Motions	<i>Motions*</i>	Georg Gartner
20	Présentation des documents administratifs	<i>Presentation of updated administrative documents</i>	Secretary-General
21	Présentation des activités 2007-2011 des commissions et groupes de travail	<i>Presentation of commissions and working group activities 2007-2011</i>	Past-President
22	Proposition de commissions 2011-2015 présentation des candidatures et des termes de références	<i>Commission proposals 2011-2015 presentation of nominations and terms of reference*</i>	Georg Gartner

23	Présentation du programme de recherche de l'ACI	<i>Presentation of the ICA research agenda</i>	Menno-Jan Kraak
24	Présentation des candidatures au Comité exécutif	<i>Presentation of nominations to the Executive Committee*</i>	Zhilin Li
25	Propositions pour les prochaines conférences	<i>Future conference proposals*</i>	Anne Ruas
	Deuxième session : vendredi 8 juillet 2011 9h00 - 12h30	Second Session : Friday 8th July 2011 9.00 - 12:30	
26	Appel des membres	<i>Roll call of members</i>	Secretary General
27	Droit de vote	<i>Voting eligibility</i>	Secretary General
28	Désignation de deux Scrutateurs	<i>Nomination of two Scrutineers</i>	President
29	Vote des comptes 2007-2011 et du budget 2011-2015	<i>Vote on the 2007-2011 accounts and the 2011-2015 budget</i>	President
30	Election du Président 2011-2015	<i>Election of President 2011-2015</i>	President
31	Election du Secrétaire général et trésorier 2011-2015	<i>Election of Secretary General &amp; Treasurer 2011-2015</i>	President
32	Election des Vice-Présidents 2011-2015	<i>Election of Vice-Presidents 2011-2015</i>	President
33	Election des Commissaires aux Comptes 2011-2015	<i>Election of Auditors 2011-2015</i>	President
34	Propositions de commissions 2011-2015 Election des présidents de commissions	<i>Commissions proposals 2011-2015 Election of Commissions Chairpersons</i>	President
35	Vote sur l'adhésion: exclusion, nouveaux membres nationaux, représentant membre nation modifié, nouveaux membres affiliés	<i>Voting on Membership: exclusion, new member nations, changed member nation representative, new affiliate members</i>	Secretary General
36	Vote sur les modifications aux Statuts et aux autres motions	<i>Voting on changes to Statutes and other motions</i>	Secretary General
37	Sélection du lieu de la 16 <sup>e</sup> Assemblée Générale et de la 27 <sup>e</sup> Conférence cartographique internationale	<i>Selection of the place of the 16th General Assembly and the 27th International Cartographic Conference</i>	Secretary General



## 1 Ouverture et allocations de bienvenue / *Opening and addresses*

Le président ouvre la réunion à 10h30, le dimanche 3 Juillet 2011, et a accueilli les délégués et observateurs. / *The president opened the meeting at 10.30 on Sunday 3 July 2011, and welcomed delegates and observers.*

## 2 La reconnaissance de la mémoire des membres de la communauté de l'ACI / *Recognition of the memory of members of the ICA community*

Le président a demandé à tous les délégués et observateurs de noter la mémoire de ceux des membres individuels de la communauté ACI qui était décédé depuis la réunion de la dernière Assemblée Générale à Moscou en 2007. / *The president asked all delegates and observers to note the memory of those individual members of the ICA community who had passed away since the last General Assembly meeting in Moscow in 2007.*

## 3 Appel des membres / *Roll call of members*

Le secrétaire général établi en vue d'évaluer le nombre de pays ayant droit de vote présents. Le résultat de l'appel tiendra le dimanche 3 Juillet et le vendredi 8 Juillet est comme suit: / *The Secretary-General held the roll call in order to assess the number of countries with voting rights present. The result of the roll calls held on Sunday 3 July and on Friday 8 July is as follows:*

### *Roll call Paris 2011*

<i>forme courte</i>	<i>short form</i>	<i>Principal delegate</i>	<i>Deputy delegate</i>	<i>03/07/2011</i>	<i>08/07/2011</i>	<i>voting right</i>
Afrique du Sud	South Africa	Derek Clarke	Elri Liebenberg, Anthony Cooper	✓	✓	✓
Albanie	Albania			○	○	X
Algérie	Algeria	Arezki Kesraoui		✓	✓	✓
Allemagne	Germany	Manfred Buchroithner		✓	✓	✓
Argentine	Argentina	Anna Marie Garra		✓	✓	✓
Australie	Australia	William Cartwright	Graeme Wright	✓	✓	✓
Autriche	Austria	Wolfgang Kainz	Karel Kriz	✓	✓	✓
Belgique	Belgium	Philippe de Maeyer		✓	✓	✓
Bénin	Benin	Daniel Tossou		✓	✓	✓
Botswana	Botswana			○	○	✓
Brésil	Brazil	Ana Maria Coutinho	Paulo Marcio Leal de Menezes, Jose Carlos Penna de Vasconcellos	✓	✓	✓
Bulgarie	Bulgaria			○	✓	✓
Cameroun	Cameroon	Francois Dangoumba		✓	✓	X
Canada	Canada	Jan Mersey	Roger Wheate	✓	✓	✓
Chili	Chile	Col. Hermosilla	Pedro Mahuzier	✓	✓	✓
Chine	China	Bia Bo	Liu Jiping, Liu Yaolin	✓	✓	✓
Chypre	Cyprus	Klito Demetriou		✓	✓	✓
Colombie	Colombia			○	○	X
Croatie	Croatia	Miljenko Lapaine	Ivan Landek	✓	✓	✓
Cuba	Cuba			○	○	X
Danemark	Denmark			○	○	✓
El Salvador	El Salvador			○	○	X

Equateur	Ecuador			0	0	✓
Espagne	Spain	Pilar Sanchez		✓	✓	✓
États-Unis d'Amérique	United States of America	Lynn Usery	Aileen Buckley	✓	✓	✓
ERYDMacédoine	FYROMacedonia			0	✓	✓
Finlande	Finland	Antti Jakobsson	Paula Ahonen-Rainio	✓	✓	✓
France	France	Hélène Richard	François Lecordix	✓	✓	✓
Ghana	Ghana			0	0	X
Grèce	Greece	Lysandros Tsoulos	Alexandra Koussoulakou	✓	✓	✓
Guinée	Guinea			0	0	X
Hong-Kong	Hong Kong	Wong Chung-hang	Leung Kwok-hung	✓	✓	✓
Hongrie	Hungary	Laszlo Zentai	Jesus Reyes	✓	✓	✓
Inde	India	Surveyor General Rao		✓	✓	✓
Indonésie	Indonesia	Sukendra Martha	Diah Kresnawati	✓	✓	✓
Iran	Iran	Hadi Vaezi	Babek Shamei	0	0	✓
Irlande	Ireland			0	0	✓
Islande	Iceland			0	0	X
Israël	Israel	Ammatzia Peled		0	✓	✓
Italie	Italia	Giuseppe Scanu		✓	0	✓
Japon	Japan	Takashi Morita	Yohta Kumaki	✓	✓	✓
Jordanie	Jordan			0	0	✓
Kenya	Kenya			0	0	✓
Lettonie	Latvia			0	✓	✓
Lituanie	Lithuania	Giedré Beconytė	Andrius Balciunas	✓	✓	✓
Madagascar	Madagascar	Franck Razafindrabe		✓	✓	X
Malaisie	Malaysia	Dato' Sr Mohd Nor bin Isa	Sr Hj. Ali bin Ahmad	✓	✓	✓
Maroc	Morocco			0	✓	✓
Mexique	Mexico	Carlos Guerrero Element		0	0	✓
Mongolie	Mongolia			0	0	X
Montenègre	Montenegro			0	0	✓
Mozambique	Mozambique			0	0	✓
Nicaragua	Nicaragua			0	0	X
Nigéria	Nigeria			0	0	✓
Norvège	Norway	Kristoffer Kristiansen	Terje Midtbø	✓	✓	✓
Nouvelle-Zélande	New Zealand	Igor Drecki	Geoff Aitken	✓	✓	✓
Pakistan	Pakistan			0	0	✓
Panama	Panama			0	0	X
Pays-Bas	The Netherlands	Corné van Elzakker	Ferjan Ormeling	✓	✓	✓
Pérou	Peru			0	0	X
Pologne	Poland	Marek Baranowski	Dariusz Dukaczewski	✓	✓	✓
Portugal	Portugal	Lieutenant-General Carlos Mouratos Nunes	João Cordeiro Fernandes	✓	✓	✓
Qatar	Qatar			0	0	X
Rép. deCorée	Republic of Korea	In-Chule Jung	Sang Il Lee	✓	✓	✓
République tchèque	Czech Republic	Miroslav Miksovsky	Vit Vozenilek	✓	✓	✓
Roumanie	Romania			✓	✓	X

Royaume-Uni	United Kingdom	David Forrest	Alexander Kent	✓	✓	✓
Russie	Russia	Yury Komosov	Nikolay Martyntsev	✓	✓	✓
Serbie	Serbia	Dragutin Protic		✓	✓	✓
Slovaquie	Slovakia	Jan Feranec		✓	✓	✓
Slovénie	Slovenia	Dusan Petrovic		✓	✓	✓
Soudan	Sudan			○	○	X
Sri Lanka	Sri Lanka			○	○	✓
Suède	Sweden	Peter Wasström (Bengt Rystedt at start)	Karin Grånäs	✓	✓	✓
Suisse	Switzerland	Christian Häberling	Thomas Schulz	✓	✓	✓
Tanzanie	Tanzania			○	○	✓
Thaïlande	Thailand	Major General Patthanapong Ongartitthichai		○	○	✓
Tunisie	Tunisia			○	○	X
Turquie	Turkey	Serdar Aslan	Ozlem Simav	✓	✓	✓
Ukraine	Ukraine			✓	✓	✓
Venezuela	Venezuela			○	○	X
Viêt Nam	Vietnam			○	○	X
Yémen	Yemen			○	○	X
<b>Members present / membres présents</b>				<b>46</b>	<b>50</b>	
<b>Present eligible to vote / Les membres admissibles à voter</b>					<b>47</b>	

#### 4 Adoption de l'ordre du jour/Adoption of the Agenda

Le Secrétaire général a présenté l'ordre du jour proposé de la 15e Assemblée Générale tel que diffusé à l'organisation nationale membre et disponible à la page d'accueil ACI sous la rubrique Assemblée Générale. Il a été noté que les activités de l'Assemblée Générale serait déroulée en deux séances - la première (dimanche 3 Juillet) serait principalement présenter des rapports d'activités et de toutes les propositions, tandis que la seconde (Vendredi 8 Juillet) serait concernée principalement avec droit de vote et de faire décisions. La motion visant à adopter l'ordre du jour a été proposé par le Royaume-Uni et appuyée par la Grèce: l'ordre du jour a été adopté à l'unanimité.

*The Secretary General presented the proposed agenda of the 15th General Assembly as circulated to the national member organisation and available at the ICA home page under the heading General Assembly. It was noted that the business of the General Assembly would be conducted in two sessions – the first (Sunday 3 July) would primarily address reports of activities and all proposals, whilst the second (Friday 8 July) would be concerned mainly with voting and decision making. The motion to adopt the Agenda was proposed by the United Kingdom and seconded by Greece: the agenda was adopted unanimously.*

#### 5 Membres suspendus de vote/Members ineligible to vote

Le Président a proposé que les pays suivants, qui n'ont pas payé leur cotisation à jour sera considérée comme n'étant pas admissibles à voter: Cameroun, Colombie, Cuba, Ghana, Islande, Mongolie, Pérou,

---

Venezuela, Vietnam, Yémen (Bénin, qui avait été initialement sur la liste proposée avait payé leur cotisation pour 2007-2011 dans son intégralité). La motion a été proposée par les Pays-Bas et appuyée par la Suède.

*The President proposed that the following countries, which have not paid their membership fees up to date be deemed as being ineligible to vote: Cameroun, Colombia, Cuba, Ghana, Iceland, Mongolia, Peru, Venezuela, Vietnam, Yemen (Benin, which had originally been on the proposed list had paid their membership fees for 2007-2011 in full). The motion was proposed by the Netherlands and seconded by Sweden.*

## **6 Exclusion de membres / *Withdrawal of membership***

Le Président a proposé que les pays suivants, qui n'ont pas payé leur cotisations, et avec lesquels aucun contact n'a été fait depuis 10 ans, être exclu : l'Albanie, la Guinée-Conakry, le Nicaragua, le Panama, le Qatar, El Salvador, Soudan, Tunisie . La motion a été proposée par le Royaume-Uni et appuyée par la Suède.

*The President proposed that the following countries, which have not paid subscriptions, and with whom no contact has been made for over 10 years be excluded from membership: Albania, Guinea-Conakry, Nicaragua, Panama, Qatar, El Salvador, Sudan, Tunisia. The motion was proposed by the United Kingdom and seconded by Sweden.*

## **7 Adoption des comptes-rendu de la 14e Assemblée Générale, 2007 / *Adoption of the minutes of the 14th General Assembly, 2007***

Les comptes-rendus de la 14e Assemblée Générale à Moscou en 2007 avait été distribué aux membres après l'Assemblée Générale (voir annexe 1). Pas de propositions avaient été reçues des pays membres à les modifier. Une proposition visant à accepter les comptes-rendus a été faite par la Slovénie, appuyée par la Suède.

*The minutes of the 14th General Assembly in Moscow in 2007 had been circulated to the member countries after General Assembly (See Appendix 1). No proposals had been received from member countries to change them. A proposal to accept the minutes was made by Slovenia, seconded by Sweden.*

## **8 Nouveaux membres nationaux /*New national members***

Suite à une demande officielle, le Secrétaire général a proposé un nouveau membre national: l'Uruguay. Une erreur dans l'agenda a été soulignée, dans ce le représentant national de l'Uruguay sera l'Instituto Geografico Militar. La proposition d'accepter l'Uruguay a été faite par le Royaume-Uni et appuyée par les Pays-Bas.

*Following a formal application, the Secretary-General proposed the following new national member: Uruguay. An error in the Agenda was pointed out, in that the proposed national representative of Uruguay will be the Instituto Geografico Militar. The proposal to accept Uruguay was made by the United Kingdom and seconded by the Netherlands.*

Membre affilié UACEG, Sofia, propose que la représentation de la Bulgarie devrait être changé de l'Union des géomètres et des gestionnaires des terres (USLM) à l'Association Cartographique Bulgares récemment créé. Cette proposition avait été communiquée au représentant national actuel, USLM, qui avaient répondu en indiquant qu'ils n'étaient pas d'accord à cette proposition. Le Comité exécutif n'a

---

pas de soutien ou de rejeter cette motion, mais a convenu qu'il devrait être discuté à l'Assemblée Générale. Un représentant de l'affilié a parlé en faveur de la motion, expliquant la nature de l'activité cartographique en Bulgarie et à la gestion de la relation de la Bulgarie avec l'ACI. Comme aucun représentant du membre bulgare nationale était présent, le Secrétaire général a présenté une lettre qui avait été reçu de l'USLM indiquant leur point de vue que cette proposition avait peu de mérite et était contraire aux Statuts de l'ACI. Bien que la motion visant à changer membre représentant avait été faite par un membre affilié, il devait être déposé par un membre de plein droit national: la proposition a été faite par la Suède, et appuyée par la Croatie.

*Affiliate member UACEG, Sofia, propose that the representation of Bulgaria be changed from the Union of Surveyors and Land Managers to the new Bulgarian Cartographic Association. This proposal had been communicated to the current national representative, the Union of Surveyors and Land Managers, who had responded indicating that they did not agree to this proposal. The Executive Committee did not support or reject this motion, but agreed that it should be discussed at the General Assembly. A representative of the affiliate member spoke to the motion, explaining the nature of cartographic activity in Bulgaria and the management of Bulgaria's relationship with ICA. As no representative from the Bulgarian national member was present, the Secretary-General read out a letter which had been received from the Union of Surveyors and Land Managers indicating their view that this proposal had little merit and was counter to the ICA Statutes. Although the motion to change member representative had been made by an affiliate member, it needed to be tabled by a full national member: the proposal was made by Sweden, and seconded by Croatia.*

## **9 Nouveaux membres affiliés/ New affiliate members**

Après clarification de la dénomination officielle de la première organisation sur la liste présentée dans l'ordre du jour, et le retrait d'une demande par l'organisations quatrième sur la liste présentée dans l'ordre du jour, le Secrétaire général a proposé des membres suivants nouvelle filiale:

Chinese Cartographic Association (Taipei Chinois)

Land Information New Zealand (LINZ)

Polish Cartographical Society

Section cartographique des Nations Unies

United States Geological Survey (USGS).

Les membres de ces organisations a été proposé par le Canada et appuyée par l'Afrique du Sud.

*After clarification of the official name of the first organisation on the list presented in the Agenda, and the withdrawal from an application by the fourth organisation on the list presented in the Agenda, the Secretary-General proposed the following new affiliate members:*

*Chinese Cartographic Association (Chinese Taipei)*

*Land Information New Zealand (LINZ)*

*Polish Cartographical Society*

*United Nations Cartographic Section*

*United States Geological Survey (USGS).*

*The membership of these organisations was proposed by Canada and seconded by South Africa.*

## **10 Rapport du Président 2007-2011 / President's report 2007-2011**

Le Président a présenté son rapport (déposé en annexe 2), et a discuté de plusieurs aspects remarquables de ses activités. / *The President presented his report (tabled in Appendix 2), and discussed several notable aspects of his activities.*

---

## 11 Rapport du Secrétaire général 2007-2011 / *Secretary-General's report 2007-2011*

Le Secrétaire général a présenté son rapport (déposé en annexe 3), et indiqué son travail, et que le Comité exécutif, lors de la période 2007-2011. / *The Secretary-General presented his report (tabled in Appendix 3), and indicated his work, and that of the Executive Committee, during the 2007-2011 period.*

## 12 Rapport du Trésorier 2007-2011 / *Treasurer's report 2007-2011*

Le trésorier a présenté son rapport (déposé en annexe 4), et a expliqué la nature des comptes, les revenus et dépenses, et les résultats de l'audit. Il a été noté que le résumé officiel des comptes donnés dans son rapport a couvert la période de 46 mois allant du 1er août 2007 au 31 mai 2011. Il a également présenté ses recommandations pour le nouveaux trésorier.

*The Treasurer presented his report (tabled in Appendix 4), and explained the nature of the accounts, the levels of income and expenditure, and the outcomes of the audit. It was noted that the formal summary of the accounts given in his report covered the 46 month period from 1 August 2007 to 31 May 2011. He also introduced his recommendations for the incoming Treasurer.*

## 13 Rapport des Commissaires aux comptes/ *Auditors' report*

Les commissaires aux comptes honoraire, Professeur Hal Moellering (Etats-Unis) et Dr Nikolai Komedchikov (Russie), élus par la 14e Assemblée Générale en 2007 pour servir pendant une période de quatre ans, avait examiné les comptes et ont donné leur rapport (déposé en annexe 4).

*The Honorary Auditors, Prof Hal Moellering (USA) and Dr Nikolai Komedchikov (Russia) elected by the 14th General Assembly in 2007 to serve for a four year period, had examined the accounts and gave their report (reproduced in Appendix 4).*

L'adoption des rapports par ces officiers (10: président, 11: Le Secrétaire général, 12: Trésorier et 13: Commissaires aux comptes) a été proposé par la Pologne et appuyée par l'Autriche. / *The adoption of the reports by these officers (10: President, 11: Secretary-General, 12: Treasurer and 13: Honorary Auditors) was proposed by Poland and seconded by Austria.*

## 14 Adoption des comptes / *Adoption of the Accounts*

Les comptes présentés exigeait l'approbation formelle par l'Assemblée Générale: leur adoption a été proposé par les Pays-Bas et appuyée par la France. / *The Accounts tabled needed to be formally approved by the General Assembly: their adoption was proposed by the Netherlands and seconded by France.*

## 15 Proposition finale de budget 2011-2015 / *Proposed budget 2011-2015*

Le Secrétaire général a proposé le budget suivant pour la période 2011-2015. / *The Secretary-General proposed the following budget for the term 2011-2015:*

*Tous les montants en Euros / All amounts in Euros*

cotisations des nations	120 000	<i>national members fees</i>
cotisations des affiliés	50 000	<i>affiliate members fees</i>
ventes d'ouvrages	8 000	<i>sales of publications</i>
produits financiers	8 000	<i>interests on investments</i>

<b>total des recettes</b>	<b>186 000</b>	<b>total receipts</b>
secrétariat & voyages	80 000	offices and travel
commissions, gr. travail	55 000	commissions & w.groups
publications	20 000	publications
Fonds de solidarité	30 000	Solidarity Fund
divers	5 000	miscellaneous
<b>total des dépenses</b>	<b>190 000</b>	<b>total expenditures</b>
<b>comptes, fin de période</b>		<b>funds at end of period</b>
<b>compte courant</b>	<b>180 000</b>	<b>bank account</b>

Questions sur le budget proposé a été présenté par l'Afrique du Sud, qui s'interroge sur la justification des montants variables alloués aux différentes commissions de l'ACI pour la période 2011-2015, et l'Autriche qui a demandé s'il était opportun de déposer un budget qui prévoyait des dépenses plus élevées que le revenu sur la période 2011-2015.

*Comments on the proposed budget were presented by South Africa who queried the rationale for the variable amounts allocated to the different Commissions of ICA for the 2011-2015 period, and Austria who queried whether it was appropriate to table a budget which predicted higher expenditure than income over the 2011-2015 period.*

Sur la première question, le Trésorier a indiqué que l'attribution définitive de l'argent à chaque Commission a dû attendre le vote final pour la création de commissions. Toutefois, il a convenu que des quantités variables seraient susceptibles d'être recommandé à son successeur. Les raisons sont que: a) certaines commissions ont des mandats qui montrent plus d'activité que d'autres, notamment dans la publication, la présentation des séminaires et de sensibilisation aux grandes collectivités; b) ceux des commissions qui ont été actifs dans le passé, et semblent susceptibles d'être plus actif dans l'avenir devrait être donnée des niveaux plus élevés de soutien pour les encourager, et c) Les commissions nouvellement établies ont été quelque peu inconnus, et que l'ACI devrait fournir un financement de démarrage pour les aider à établir leurs activités tout en reconnaissant que ces activités ne peuvent pas être aussi mature que le établi des commissions.

*On the first point, the Treasurer indicated that the final allocation of money to each Commission had to await the final voting for the establishment of Commissions. However, he did agree that variable amounts would be likely to be recommended to his successor. The reasons were that a) some Commissions did have mandates which required more activity than others, notably in publishing, presentation of workshops, and outreach to larger communities; b) those Commissions which have been active in the past, and seem likely to be more active in the future should be given higher levels of support to encourage them; and c) newly established Commissions were somewhat unknown, and that ICA should provide seed funding to help them establish their activities whilst recognising that these activities may not be as mature as the established Commissions.*

Sur la deuxième question, le trésorier a indiqué qu'il faut chercher des moyens de réduire l'actif de l'association, afin que nous puissions respecter la décision des autorités fiscales suédoises qui ont dit que «les sociétés idéaliste» (la catégorie qui l'ACI tient comme une organisation en franchise d'impôt) ne devraient pas accumuler des fonds sans dépenses importantes sur les activités éducatives et de développement. L'introduction d'un très petit déficit prévu permettrait de montrer aux autorités fiscales suédoises que l'ICA est sérieux dans sa tentative d'éviter des hausses de dépenses pour correspondre à

---

des revenus dans la prochaine période de quatre ans. Un commentaire de l'Afrique du Sud soutenu l'idée que pour planifier un déficit était une méthode valable de traiter les actifs excédentaires.

*On the second point, the Treasurer indicated that he had to look for ways to reduce the assets of the Association, so that we could abide by the ruling of the Swedish Tax Authorities who have said that 'idealistic societies' (the category which ICA holds as a tax-free organisation) should not accumulate funds without significant expenditure on educational and developmental activities. The introduction of a planned, very small, deficit would help to show the Swedish Tax Authorities that ICA is serious in its attempt to ensure expenditure rises to match income in the next four-year period. A comment from South Africa supported the view that planning for a deficit was a valid method of addressing surplus assets.*

## **16 Statuts de l'ACI / ICA Statutes**

Une proposition visant à modifier les statuts avaient été reçue par le Comité national des Etats-Unis. Le délégué des Etats-Unis a présenté son collègue le professeur Michael Peterson, qui a présenté la proposition.

« La délégation américaine propose d'apporter un changement à l'Article 27 des statuts de l'ACI et au règlement interne portant sur le comité des publications.

À ce jour, le statut appelle le Comité exécutif à nommer un Comité des publications. Ce changement serait de rebaptiser le comité sous le nom de comité « des publications et de la sensibilisation aux technologies ». Ce nouveau comité serait chargé de « promouvoir l'échange d'idées, le développement de l'éducation et de la formation dans les domaines de la cartographie et des sciences de l'information géographique et d'encourager la diffusion du savoir cartographique et des sciences de l'information géographique. »

Le changement proposé à l'Article 27 est une reconnaissance du fait que les publications officielles ne sont qu'un moyen parmi d'autres de partager les savoirs et que davantage d'efforts de la part de l'organisation devraient être fait envers la sensibilisation aux technologies en général.

Dans cet objectif, le « Comité des publications et de la sensibilisation aux technologies proposé sollicitera des propositions en termes de publications, ateliers, intervenants et des autres activités concernant le partage d'informations par le biais des moyens suivants : livres, manuels, articles, ressources Internet, présentations, éducation et formation. »

Le changement proposé consiste également en une reconnaissance du fait que l'ACI devrait mieux aborder la « politique du tiers-monde » approuvée par l'organisation en 1976. Bien qu'un certain nombre de commissions de l'ACI aient organisé des ateliers dans divers pays, l'ACI n'a apporté aucun soutien direct. La plupart des coûts de ces ateliers ont malheureusement du être pris en charge par le pays-hôte. Le Comité des publications et de la sensibilisation aux technologies sera chargé de mieux coordonner ces activités et d'apporter le soutien nécessaire.

**Extrait des statuts et du règlement interne actuels de l'ACI Article 27.**



---

#### Publications

Toutes les publications de l'Association nécessitent l'approbation du Comité exécutif. Le Comité exécutif prendra les dispositions nécessaires pour publier un communiqué ou un bulletin d'informations à propos des activités de l'Association et des membres nationaux et pour faciliter la publication de documents sur la cartographie et les sciences de l'information géographique.

En vue d'étudier les autres publications, le Comité exécutif nommera un Comité des publications composé d'un président et de trois membres, une seule de ces quatre personnes pouvant siéger au Comité exécutif. Le président du CE et le secrétaire général et trésorier seront des membres supplémentaires ex officio. Le mandat du Comité sera identique à celui du Comité exécutif, mais les membres peuvent être reconduits dans leurs fonctions.

Le Comité des publications examinera les propositions concernant les publications (y compris les rapports de commission), approuvera les plans en termes de production, format et style, les budgets et dépenses et les dispositions de distribution.

#### **Changement proposé : Article 27.**

##### Publications et sensibilisation aux technologies

L'Association apporte activement son soutien aux publications et à la sensibilisation aux technologies, afin de promouvoir l'échange d'idées, le développement de l'éducation et de la formation dans les domaines de la cartographie et des sciences de l'information géographique, et encourage la diffusion des savoirs cartographiques et des sciences de l'information géographique. Dans cet objectif, le Comité exécutif nommera un Comité des publications et de la sensibilisation aux technologies composé d'un président et de trois membres, une seule de ces quatre personnes pouvant siéger au Comité exécutif. Le président du CE et le secrétaire général et trésorier seront des membres supplémentaires ex officio. Le mandat du Comité sera identique à celui du Comité exécutif, mais les membres peuvent être reconduits dans leurs fonctions.

Le Comité des publications et de la sensibilisation aux technologies sollicitera des propositions en termes de publications, ateliers, intervenants et des autres activités concernant le partage d'informations par le biais des moyens suivants : livres, manuels, articles, ressources Internet, présentations, éducation et formation. Le Comité travaillera en collaboration avec les commissions actuelles en vue d'élaborer publications, ateliers et documentation associée. En évaluant les propositions d'ateliers sur place et d'intervenants, le Comité travaillera en étroite collaboration avec l'organisation requérante afin d'évaluer les besoins et les installations sur place. Le Comité examinera les propositions concernant les publications, ateliers et présentations et approuvera les plans de mise en œuvre, ainsi que les budgets et dépenses associés.

Le Comité des statuts de l'ACI a été invité à examiner cette proposition et a répondu comme suit:

#### **Modifications proposées des Statuts de l'ICA**

Le Comité national américain de l'ACI a proposé d'élargir la tâche du Comité des publications de l'ACI pour y inclure la responsabilité supplémentaire de la manipulation du rayonnement de l'ACI. La sensibilisation est très importante, mais le Comité des statuts propose que l'Assemblée Générale de

---

2011 devrait rejeter cette proposition et que le Comité exécutif de l'ACI devraient mettre à jour les termes de référence pour le Comité des publications et également introduire une 'ICA Outreach Committee' avec des termes de référence en ligne avec ce qui est proposé dans le présent document américain. Il est trop tard pour soumettre une proposition pour instituer un comité de sensibilisation à l'Assemblée Générale de l'ACI à Paris, mais cela sera fait en 2015. Jusqu'alors, la CE mettra en place un groupe de travail pour la sensibilisation avec les mêmes tâches.

Le Comité de publication est importante et a de nombreuses années généré des revenus de publications à l'ACI principalement par Elsevier Science. La production de livres n'est plus facile et le Comité fonctionne désormais en exigeant des auteurs d'avoir leurs papiers publiés dans des revues scientifiques internationales. Le Comité s'efforce également activement à publier des articles soumis à la Conférence cartographique internationale et aide les commissions de l'ACI et des groupes de travail avec la publication des actes de leurs réunions.

Les activités de sensibilisation de l'ACI sont actuellement traitées par la CE, les Commissions et Groupes de travail. Ensemble, ils font un excellent travail et la plupart sont rapportés dans 'ICA News' deux fois par an. Le Secrétaire général est également le suivi d'une page sur l'ACI dans le magazine mensuel 'GIM International'. L'ACI est membre de plusieurs organisations internationales et est active dans de nombreux, plus particulièrement ceux au sein de l'ONU. Un problème majeur est de savoir comment assurer le suivi de toutes les questions pertinentes qui sont décidées dans les réunions de ces organisations. Décisions de l'ONU sont atteints par la méthode des "résolutions" et il n'y a aucune procédure à suivre si les résolutions sont suivies. Une exception est la tâche de créer un petit ensemble de données cartographiques internationales échelle proposée lors d'une réunion de l'ONU en 1992 par le Japon. La création de cette base de données est désormais parrainé par le Japon. Le Groupe de travail, 'Mapping Africa for Africa', a produit un plan pour la préparation de directives pour la construction de jeux de données géographiques fondamentales pour l'Afrique. Jusqu'à présent, aucun pays ou institution a été trouvé pour parrainer cet effort. ICA ne peuvent pas assumer les coûts financiers qui sont nécessaires.

Basé sur la politique du Tiers-Monde, adoptée par l'Assemblée Générale en 1976 à Moscou, l'ACI a organisé une série de séminaires de groupe de travail dans les années 1970 et 1980 pour la diffusion des connaissances cartographiques aux pays du Tiers-Monde. Ces ont eu lieu à Nairobi (1978), Jakarta (1980), Wuhan (1981), New Delhi (1983) et Rabat (1984). Les séminaires ont été très appréciés, l'augmentation de l'importance de l'ICA dans le pays et le séminaire en Inde a commencé le travail pour établir une infrastructure géographique pour l'Inde.

Ces opérations task-force se sont poursuivies, en particulier par la Commission sur l'éducation et la formation, la Commission sur la carte et l'Internet, et de la Commission sur la gestion et d'économie de la production cartographique. Mais en dépit de l'enthousiasme avec lequel ces activités sont menées aujourd'hui, leurs effets pourraient être augmentées si les coordonnées centralement et quand un corps au sein de l'ACI est désigné comme le portail à partir duquel ces activités de sensibilisation peuvent être obtenus.

### **Proposition du Comité des Statuts de l'ACI Le Comité des publications**

---

En général, la mise en place du Comité est bonne, mais les termes de référence devraient être plus précis. La commission des statuts propose:

Le président du comité des publications est nommé par le CE pour un mandat de quatre ans, et a de nommer deux autres membres, dont l'un en tant que vice-président. En dehors de ces, le Président et le Secrétaire général de l'ICA doivent être membres d'office.

Le comité des publications devrait effectuer une accessibilité optimale de toutes les publications produites par l'ACI:

- contacts réguliers avec les présidents des commissions,
- contacts réguliers avec l'éditeur de l'ACI (Springer Verlag),
- fournir de l'aide dans les textes de l'édition,
- fournir des modèles et une maison de style pour les publications de l'ACI n'est pas publié par Springer Verlag,
- assurer la liaison avec l'éditeur de 'ICA News' et de l'éditeur Internet de l'ACI.

### **Le Comité de sensibilisation**

Le Comité propose que les Statuts du Comité exécutif du CIA sur pied un comité de sensibilisation. Le Comité est présidé par une personne nommée par le Comité exécutif de l'ACI pour un mandat de quatre ans. Le président de l'ACI et le Secrétaire général de l'ACI doivent être membres d'office. La personne présidente doit inviter les autres membres à se joindre au groupe de travail et désigne l'un de ces personnes chaise comme adjoint. Le groupe fera rapport au Comité exécutif et 'ICA News' deux fois par an et à l'Assemblée Générale tous les quatre ans.

Tâches proposées du Comité de l'ACI de sensibilisation:

- Coordonner la Commission et les efforts du Groupe de travail envers les pays du Tiers-Monde. Lorsque cela est indiqué dans leurs termes de référence de continuer la mise à disposition d'experts pour des ateliers dans les pays en développement lorsque demandé et consacrer une partie des efforts de l'ACI pour le renforcement des communautés cartographiques dans les pays en développement par la diffusion des connaissances cartographiques in situ.
- Soyez à l'organisation de groupes de travail vers les pays du Tiers-Monde.
- Mettre à jour la 'politique du Tiers-Monde' de l'ACI.
- Prendre des mesures pour augmenter le nombre des États membres de l'ACI.
- Suivi des tâches de sensibilisation décidé par le JBGIS. Produire une 'ICA Bulletin électronique' et à distribuer ce par e-mail.

Le délégué des Etats-Unis ont répondu en indiquant qu'ils étaient heureux que le Comité des Statuts de l'ACI avait examiné le caractère sérieux de la proposition des Etats-Unis et considéré sa valeur. Il était heureux que l'idée de créer un comité de sensibilisation, avec un large mandat, se réunira le premier objectif de la proposition des Etats-Unis, et que ce serait un engagement pour le nouveau comité exécutif à la table à l'Assemblée Générale en 2015. Il a donc retiré cette proposition des Etats-Unis, étant entendu que ces activités seraient gérées pour la période 2011-2015 par les activités cohérents et appropriée d'un certain nombre de groupes, y compris le Comité exécutif, des commissions compétentes, le Comité des publications et autres; qu'un accent Outreach Committee serait proposé dans quatre années.

---

*A proposal to modify the statutes had been received from the United States National Committee . The delegate from the United States introduced his colleague Prof Michael Peterson who spoke to the proposal.*

*“The delegation from the United States proposes a change to Article 27 of the ICA Statutes and By-Laws that deals with the publications committee.*

*At present, the statute calls on the Executive Committee to appoint a Publications Committee. The change would rename the committee to “Publications and Technology Outreach.” This new committee would be charged with "promoting the exchange of ideas, the furtherance of education and training in cartography and GI Science, and encourage the dissemination of cartographic and GIS science knowledge."*

*The proposed change to Article 27 is a recognition that formal publications are one of many ways to exchange knowledge and that more effort by the organization needs to be directed toward technology outreach in general.*

*To this end, the proposed "Publications and Technology Outreach Committee shall solicit proposals for publications, workshops, speakers, and all other activities that involve the sharing of information by means of books, manuals, articles, online resources, presentations, education, and training."*

*The proposed change is also a recognition that the ICA needs to better address the ‘Third World policy’ that was approved by the organization in 1976. While a number of commissions of the ICA have engaged in workshops in a variety of countries, there has been no direct support from the ICA. Most of the cost of these workshops has unfortunately fallen to the host country. The Publications and Technology Outreach committee will work to better coordinate these activities and provide the necessary support.”*

***From existing ICA Statutes and By--Laws Article 27.***

***Publications***

*All publications of the Association require the approval of the Executive Committee. The Executive Committee will arrange for the publication of a bulletin or newsletter concerning the activities of the Association and its member nations, and facilitate the publication of papers on cartography and GI science.*

*For consideration of other publications, the Executive Committee shall appoint a Publications Committee consisting of a Chairperson and three members, only one of these four may be a member of the Executive Committee. The President and the Secretary General and Treasurer shall be additional members ex officio. The tenure of office of the Committee shall be the same as the Executive Committee, but the members may be re-appointed.*

*The Publications Committee will examine proposals for publications (including commission reports), approve plans in terms of production, format and style, budgets and expenditure and distribution arrangements.*

---

***Proposed change: Article 27.***

*Publications and Technology Outreach*

*The Association actively supports publications and technology outreach to promote the exchange of ideas, the furtherance of education and training in cartography and GI Science, and encourages the dissemination of cartographic and GI science knowledge. To this end, the Executive Committee shall appoint a Publications and Technology Outreach Committee consisting of a chairperson and three members, only one of these may be a member of the Executive Committee. The President and Secretary General and Treasurer shall be additional members ex officio. The tenure of the office of the Committee shall be the same as the Executive Committee, but the members may be reappointed.*

*The Publications and Technology Outreach Committee shall solicit proposals for publications, workshops, speakers, and all other activities that involve the sharing of information by means of books, manuals, articles, online resources, presentations, education, and training. The Committee shall work with existing commissions to develop publications, workshops, and associated materials. In evaluating proposals for onsite workshops and speakers, the Committee shall work closely with the requesting organization to evaluate needs and onsite facilities. The Committee will examine proposals for publications, workshops, and presentations, approve plans for implementation, along with associated budgets and expenditures.*

*The ICA Statutes Committee were asked to look at this proposal, and responded as follows:*

***Proposed Changes of ICA Statutes***

*The US National Committee of the ICA has proposed enlarging the task of the ICA Publications Committee to include the additional responsibility of handling the outreach of the ICA. Outreach is very important but the Statutes Committee proposes that the General Assembly of 2011 should reject this proposal and that the Executive Committee of the ICA should update the terms of reference for the Publications Committee and ALSO introduce an ICA Outreach Committee with terms of reference in line with what is proposed in this US document. It is too late to submit a proposal for instituting an Outreach Committee to the ICA General Assembly in Paris, but this will be done in 2015. Until then the EC will institute an Outreach Working Group with the same tasks.*

*The Publication Committee is important and has for many years generated income to ICA from publications mostly via Elsevier Science. Book production is no longer easy and the Committee now operates by requiring authors to have their papers peer-reviewed and published in international scientific journals. The Committee also actively endeavours to publish papers submitted to the International Cartographic Conferences and helps ICA commissions and working groups with the publication of proceedings from their meetings*

*The outreach activities of ICA are currently handled by the EC, the Commissions and the Working Groups. Together they do a great job and most are reported in the ICA News twice a year. The Secretary General is also monitoring one page on ICA in the monthly magazine GIM International. ICA is member of several international organizations and is active in many, more especially those within the UN. A major problem is how to follow up all the relevant issues that are decided in*

---

*meetings of these organizations. UN decisions are reached by the method of ‘resolutions’ and there is no procedure to monitor if the resolutions are followed. One exception is the task creating an international small scale cartographic dataset proposed at a UN meeting in 1992 by Japan. The creation of that database is now sponsored by Japan. The Working Group, Mapping Africa for Africa, has produced an outline for the preparation of guidelines for building fundamental geographic datasets for Africa. So far no country or institution has been found to sponsor that effort. ICA cannot take on the financial costs that are needed.*

*Based on the Third World Policy, adopted by the General Assembly 1976 in Moscow, ICA organized a series of task force seminars in the 1970s and 1980s for disseminating cartographic knowledge to Third World Countries. These were held in Nairobi (1978), Jakarta (1980), Wuhan (1981), New Delhi (1983) and Rabat (1984). The seminars were much appreciated, increased the importance of ICA in the countries and the seminar in India started the work to establish a geographic infrastructure for India.*

*These task-force-like operations have continued, especially by the Commission on Education and Training, the Commission on Map and the Internet and the Commission on Management and Economics of Map Production. But despite the enthusiasm with which these activities are carried out now, their effects could be increased if coordinated centrally and when one body within ICA is designated as the portal from which such outreach activities may be obtained.*

#### ***Proposal from the ICA Statutes Committee***

##### ***The Publications Committee***

*In general the set-up of the Committee is good, but the terms of reference should be more precise. The ICA statutes commission would propose:*

*The chair of the publications committee is nominated by the EC for a 4-year term, and has to appoint 2 other members, one of which as vice-chair. Apart from these, the President and the Secretary General of ICA shall be ex officio members.*

*The publications committee should effectuate an optimal accessibility of all ICA-generated publications through:*

- regular contacts with the commission chairs,*
- regular contacts with the ICA publisher (Springer Verlag),*
- providing help in editing texts,*
- providing templates and a house-style for ICA publications not published by Springer*
- liaising with the editor of ICA News and of the ICA web master.*

##### ***The Outreach Committee***

*The Statutes Committee proposes that the ICA Executive Committee establish an Outreach Committee. The Committee shall be chaired by one person nominated by the ICA Executive Committee for a 4-year term. The President of ICA and the Secretary General of ICA shall be ex officio members. The chair person shall invite other members to join the working group and shall nominate one of these as deputy chair person. The group shall report to the Executive Committee and the ICA News twice a year and to the General Assembly every fourth year.*

*Proposed tasks of the ICA Outreach Committee:*

- *Coordinate the Commission's and Working Group's efforts towards Third World Countries. Where indicated in their Terms of Reference continue the provision of experts for workshops in developing countries when requested and devote part of ICA's efforts to the strengthening of cartographic communities in developing countries by disseminating cartographic knowledge in situ.*
- *Be instrumental in organizing task forces towards Third World Countries.*
- *Update the ICA Third World Policy.*
- *Take measures to increase the number of Member States to the ICA.*
- *Follow-up outreach tasks decided by the JBGIS. Produce an ICA e-Bulletin and distribute that by e-mail.*

*The delegate of the United States responded by indicating that they were pleased that the ICA Statutes Committee had examined the serious nature of the United States proposal and considered its value. He was happy that the idea of creating an Outreach Committee, with a broad remit, would meet the prime objective of the United States proposal, and that this would be a commitment for the new Executive Committee to table at the General Assembly in 2015. He therefore withdrew that United States proposal, on the understanding that such activities would be managed for the 2011-2015 period by the coherent and appropriate activities of a number of groups, including the Executive Committee, relevant Commissions, the Publications Committee and others; and that a focussed Outreach Committee would be proposed in four year's time.*

## **17 Rapport sur les publications / Publications report**

Le président du Comité des publications, le professeur Ferjan Ormeling, a présenté son rapport:

En 2007, il a demandé commissions pour leurs projets de publication; elles sont indiquées dans le tableau ci-dessous. En 2008 et 2009, des discussions avec Elsevier ont eu lieu concernant la continuation du contrat, mais que le soutien et les avantages ont été pensés pour être insuffisants, il a été convenu de résilier le contrat et Elsevier a cessé d'être l'éditeur de l'ACI. En 2010, un contrat a été signé avec Springer Verlag à Berlin pour avoir une sous-collection ACI distincte sous la rubrique de *Lecture Notes in GeoInformation and Cartography*. Ce contrat prévoit pour les publications de la Commission et les actes de la conférence pour être envoyé à Springer pour publication.

En 2011, présidents de commission et GT ont été de nouveau demandé la publication de leurs plans et leurs réalisations, et sur cette base, le tableau ci-dessous a été révisée.

*The Chair of the Publications Committee, Prof Ferjan Ormeling, presented his report: Commission chairs were asked in 2007 for their publication plans; these are indicated in the table below. In 2008 and 2009, discussions were held with Elsevier regarding continuation of the contract, but as the support and the gains were thought insufficient, it was mutually agreed to dissolve the contract and Elsevier stopped being ICA's publisher. In 2010, a contract was signed with Springer Verlag in Berlin to have a distinct ICA subseries under the heading of *Lecture Notes in GeoInformation and Cartography*. This contract calls for commission publications and conference proceedings to Springer for publication.*

*In 2011 commission and WG chairs were again asked for their publication plans and achievements, and on that basis the table below was revised.*

<i>ICA Commission/ WG</i>	<i>Commission chair</i>	<i>Proposed Book Publication</i>	<i>status</i>	<i>Comments</i>

Working Group on Art and Cartography	<i>Barbara Piatti, Sebastien Caquard</i>	Cartography and Art/Art and Cartography.	Offered to Springer for publication	
Commission on Maps and Society		Mapping Reader	?	
Commission on Digital Technologies in Cartographic Heritage	<i>Evangelos Livieratos</i>	Digital technologies for cartographic heritage.	?	
		Digital tools for map curators	?	
Commission on Cartography and Children	<i>Jesus Reyes Temenoujka Bandrova</i>	“Children Map the World”, Volume 2 (Esri Press-ICA, 2009) – Editors: Temenoujka Bandrova, Jesús Reyes Nunez, Milan Konecny and Jeet Awal, ISBN 978-1-58948-246-3	Printed 2009 by ESRI Press	
		CD proceedings of the Joint ICA Symposium on “Maps for the Future: children, education and Internet”, Editors: László Zentai and Jesús Reyes (Budapest-Orleans, June 2011)	Produced June 2011	Together with Commission on Education and Training
		In preparation - Lecture Notes in Geoinformation and Cartographia, Volume 5: “Maps for the Future: children, education and Internet”, Editors: Laszlo Zentai – Jesús Reyes, Springer-Verlag (Tentative date of publication: 29 November 2011), ISBN 978-3-642-19521-1 (2012)	To be produced 2011 by Springer Verlag	Together with Commission on Education and Training

## 18 Rapports nationaux / *National Reports*

Les pays-membres suivants ont préparés leurs rapports nationaux pour la période 2007-2011 et ces derniers sont présentés sur la page web de l'Association / *The following countries have prepared national reports for the 2007-2011 term and these are presented on the Association's web page:*

- Autriche
- Belgique
- Bulgarie
- Le Canada
- Chili
- Chine
- Croatie
- République tchèque
- Finlande
- France
- Allemagne
- Hong Kong
- *Austria*
- *Belgium*
- *Bulgaria*
- *Canada*
- *Chile*
- *China*
- *Croatia*
- *Czech Republic*
- *Finland*
- *France*
- *Germany*
- *Hong Kong*



- 
- |                    |                      |
|--------------------|----------------------|
| • Hongrie          | • <i>Hungary</i>     |
| • L'Iran           | • <i>Iran</i>        |
| • Corée            | • <i>Korea</i>       |
| • Malaisie         | • <i>Malaysia</i>    |
| • Mexique          | • <i>Mexico</i>      |
| • Pays-Bas         | • <i>Netherlands</i> |
| • Nouvelle-Zélande | • <i>New Zealand</i> |
| • Pologne          | • <i>Poland</i>      |
| • Portugal         | • <i>Portugal</i>    |
| • Russie           | • <i>Russia</i>      |
| • Slovaquie        | • <i>Slovakia</i>    |
| • Slovénie         | • <i>Slovenia</i>    |
| • Espagne          | • <i>Spain</i>       |
| • Suède            | • <i>Sweden</i>      |
| • Suisse           | • <i>Switzerland</i> |
| • Thaïlande        | • <i>Thailand</i>    |
| • Turquie          | • <i>Turkey</i>      |
| • Etats-Unis       | • <i>USA</i>         |

Une copie papier du rapport de l'Ukraine a été distribuée: cette fois scannées seront également placés sur le site de l'ICA. / *A paper copy of the report from Ukraine was circulated: once scanned this will also be placed on the ICA website.*

Le Secrétaire général a rappelé que les pays membres de la production d'un rapport national a été une condition d'adhésion, et qu'il était décevant que certains pays n'avaient pas produit un tel rapport pour la distribution.

*The Secretary-General reminded member nations that the production of a national report was a condition of membership, and that it was disappointing that some countries had not produced such a report for distribution.*

## **19 Motions/Motions**

La proposition majeure de fond a été présentée par la Société cartographique de la Suède pour encourager les Nations Unies pour spécifier une «Année internationale de la carte».

«La Société suédoise de cartographie soutenir les idées à proposer à l'Organisation des Nations Unies et de l'ICSU pour un an la carte internationale et les intentions pour célébrer l'Année internationale de la carte en 2015, et aussi que, comme beaucoup de pays que possible organiser des journées Carte de plusieurs de la même année ».

La délégation suédoise a parlé en faveur de la motion, indiquant qu'il était important de prendre une décision rapidement, car il ne prend beaucoup de temps pour un accord au niveau de l'ONU à obtenir. La proposition a été appuyée par les Pays-Bas.

*The major substantive motion presented was from the Swedish Cartographic Society to encourage the United Nations to specify an 'International Year of the Map'.*

---

*"The Swedish Cartographic Society support the ideas to be proposed to the United Nations and to ICSU for an International Map Year and the intentions to celebrate the International Map Year in 2015, and also that as many countries as possible organise several Map Days that same year."*  
*The Swedish delegation spoke in favour of the motion, indicating that it was important to make a decision quickly, as it does take a long time for agreement at UN level to be obtained.*  
*The motion was seconded by the Netherlands.*

## **20** *Presentation des documents administratifs / Presentation of updated administrative documents*

Le Secrétaire général a présenté une série de documents administratifs sur lesquels le Comité exécutif avait travaillé durant la période 2007-2011. Le premier de ces documents, le Plan stratégique 2011-2019 avait déjà été distribué pour commentaires et de consultation au cours de 2010 et 2011. Pas de commentaires de fond avaient été reçus. Bien qu'un tel document ne nécessitent pas l'approbation de l'Assemblée Générale, il a été estimé que l'importance de ce plan, comme la force motrice derrière le travail de l'Association pour les huit prochaines années, signifiait qu'il devrait être examiné par l'Assemblée Générale une fois de plus avant adoption.

*The Secretary-General introduced a series of administrative documents on which the Executive Committee had been working during the 2007-2011 period. The first of these documents, the Strategic Plan 2011-2019 had already been distributed for comment and consultation during 2010 and 2011. No substantive comments had been received. Although such a document does not need General Assembly approval, it was felt that the importance of this Plan, as the driving force behind the work of the Association for the next eight years, meant that it should be considered by the General Assembly once more before adoption.*

## **21** *Présentation des activités 2007-2011 des commissions et groupes de travail/ Presentation of commissions and working group activities 2007-2011*

Le président sortant a présenté les rapports des Commissions et Groupes de travail en indiquant que les affiches qui avait été demandé d'illustrer le travail de chacun au cours de la période 2007-2011 ont été exposés dans le couloir extérieur de la salle. Le Comité exécutif a été heureux de constater que presque toutes les commissions ont produit une telle affiche, et a estimé que cette activité était un moyen précieux de faire connaître le travail important des commissions et groupes de travail. Les affiches ont été exposées pendant toute la durée de la conférence, et des versions numériques de chaque affiche sera présentée sur le site Web de l'ACI.

*The Past-President introduced the reports of Commissions and Working Groups by indicating that the posters which had been requested to illustrate the work of each during the 2007-2011 period were on display in the corridor outside the room. The Executive Committee were pleased that almost all Commissions had produced such a poster, and felt that this activity was a valuable way of publicising the important work of the Commissions and Working Groups. The posters were on display for the entire time of the conference, and digital versions of each poster will be presented on the ICA web site.*

Affiches avaient été reçues des Commissions et Groupes de travail suivants : / *Posters had been received from the following Commissions and Working Groups :*

- 
- *WG on Art & Cartography*
  - *Cartography and Children*
  - *National & Regional Atlases*
  - *WG on Census Cartography*
  - *Digital Technologies for Cartographic Heritage*
  - *WG on Early Warning & Crisis Management*
  - *Education & Training*
  - *Generalisation & Multiple Representations*
  - *Geospatial Data Standards*
  - *Geospatial Modeling*
  - *Geovisualisation*
  - *WG on GIS & Sustainability*
  - *History of Cartography*
  - *Maps & Society*
  - *Map Production & Economics*
  - *Map Projections*
  - *Mapping from Satellite Imagery*
  - *Maps & the Internet*
  - *Marine Cartography*
  - *Mountain Cartography*
  - *WG on Open Data Access*
  - *WG on OpenSource Geospatial Technologies*
  - *Theoretical Cartography*
  - *Ubiquitous Mapping*
  - *Use and User Issues*

Ainsi, trois commissions et deux groupes de travail a échoué à présenter des rapports. Dans un cas (Planetary Cartography), le Comité exécutif était heureux que la Commission a entrepris un travail beaucoup plus pendant la période de quatre ans; dans les autres cas (Maps and Graphics for the Blind and Partially Sighted, Under-represented Groups in Cartography, WG on Tourist Cartography, WG on Mapping Africa for Africa), le manque d'une affiche est révélateur de l'absence du travail durant la période 2007-2011.

*Thus three Commissions and two Working Groups failed to submit reports. In one case (Planetary Cartography), the Executive Committee was happy that the Commission had undertaken much work during the four year period; in the other cases (Maps and Graphics for the Blind and Partially Sighted, Under-represented Groups in Cartography, WG on Tourist Cartography, WG on Mapping Africa for Africa) the lack of a poster was indicative of the lack of work during 2007-2011.*

## **22 Proposition de commissions 2011-2015 ; présentation des candidatures et des termes de références / Commission proposals 2011-2015 ; presentation of nominations and terms of reference**

Vice-président Gartner introduit les nominations pour Commissions pour la période 2011-2015. Il a noté que les thèmes des commissions avaient été discutés au Comité exécutif, et que des commissions

---

nouvelles avaient été proposés. En outre, certaines commissions sont proposées pour être poursuivies (certains avec un nouveau président), et certains groupes de travail sont proposés pour être transformés en commissions. Dans chaque cas, des termes de référence ont été présentés à l'Assemblée Générale qui a été invitée à approuver les commissions proposées. La liste complète des propositions, des présidents et des Termes de référence est reproduit dans l'annexe 5.

*Vice-President Gartner introduced the nominations for Commissions for 2011-2015. He noted that the topics of Commissions had been discussed at Executive Committee, and that new Commissions had been proposed. In addition, some Commissions are proposed to be continued (some with a new chair), and some Working Groups are proposed to be transformed into Commissions. In each case, Terms of Reference were presented to the General Assembly which was asked to approve the Commissions proposed. The full list of proposals, chairs and Terms of Reference is reproduced in Appendix 5*

### **23 Présentation du programme de recherche de l'ACI / Presentation of the ICA research agenda**

Vice-président Kraak a présenté la dernière version du programme de recherche ACI, rappelant aux membres que ce document n'était pas un «instantané», mais un agenda dynamique, exigeant la mise à jour constante et les commentaires de tous ceux qui s'intéressent à faire avancer la discipline de la cartographie. Les commissions, en particulier, ont un rôle à jouer pour aider à développer le programme, et il est à espérer que les nouvelles commissions contribuent beaucoup au programme dans les quatre prochaines années. Prof Kraak a été remercié pour ses efforts continus dans la direction du programme de recherche.

*Vice-President Kraak presented the latest version of the ICA Research Agenda, reminding members that this document was not a 'snapshot' but a dynamic agenda, requiring constant updating and input from all those interested in driving forward the discipline of cartography. Commissions, in particular, had a role to play in helping to develop the Agenda, and it is hoped that the new Commissions contribute much to the Agenda in the next four years. Prof Kraak was thanked for his continuing efforts in leading the research agenda.*

### **24 Présentation des candidatures au Comité exécutif / Presentation of nominations to the Executive Committee**

Vice-président Li a introduit les nominations aux postes du Comité exécutif et a invité chaque candidat à se présenter à l'Assemblée Générale. Il a souligné la variation géographique des candidats et a suggéré que cela était un bon résultat au processus de nomination.

*Vice-President Li introduced the nominations for positions on the Executive Committee and invited each candidate to present themselves to the General Assembly. He pointed out the geographical variation of the candidates and suggested that this was a good outcome to the nomination process.*

#### **Président/President**

Georg Gartner	Autriche / Austria
---------------	--------------------

---

Secrétaire-général et trésorier/Secretary General and treasurer

Laszlo Zentai	Hongrie / Hungary
---------------	-------------------

Vice-President

Derek Clarke	Afrique du Sud/South Africa
Sukendra Martha	Indonésie / Indonesia
Menno-Jan Kraak	Pays Bas / Netherlands
Paulo Menezes	Brésil / Brazil
Liu Yaolin	Chine / China
Anne Ruas	France
Timothy Trainor	Etats-Unis / USA

Les circonstances extraordinaires d'une candidature ont été discutés. La candidature de David Fairbairn, Royaume-Uni, pour le poste de secrétaire général et trésorier, avait été retirée, en raison de circonstances ont changé avec son employeur, seulement quatre semaines avant l'Assemblée Générale. Cette nomination avait été le seul à ce poste, et l'Association a été confrontée à une situation dans laquelle aucun candidat à un poste de base dans l'Association était évidente. Statuts de l'Association donnent pas de conseils sur la façon d'agir dans de telles circonstances. Il a été décidé au sein du Comité exécutif que la seule solution était de ré-ouvrir des candidatures pour le poste de secrétaire général et trésorier, en contactant tous les membres nationaux par e-mail et en leur donnant l'occasion de re-présenter des candidats pour ce poste. Le Comité exécutif n'a pas voulu procéder à cette élection si l'Assemblée Générale a examiné cette ligne de conduite était inacceptable. Ainsi, une motion a été placée avant l'approbation de l'Assemblée Générale à la recherche de cette méthode d'assurer une mise en candidature pour le poste de Secrétaire général et Trésorier. La motion a été proposée par les Pays-Bas, appuyée par le Royaume-Uni, et a été mise à l'Assemblée Générale. Chaque membre a voté en faveur, aucune abstention ou vote contre.

*The extraordinary circumstances of one nomination were discussed. The candidature of David Fairbairn, United Kingdom, for the position of Secretary-General and Treasurer, had been withdrawn, due to changed circumstances with his employer, only four weeks before the General Assembly. This nomination had been the only one for that post, and the Association was faced with a situation in which no candidate for a core position in the Association was evident. The Association's Statutes give no advice on how to act in such circumstances. It was decided within the Executive Committee that the only solution was to re-open nominations for the position of Secretary-General and Treasurer, by contacting all national members by e-mail and giving them the opportunity to re-nominate candidates for this position. The Executive Committee did not wish to proceed with this election if the General Assembly considered this course of action was unacceptable. Thus, a motion was placed before the General Assembly seeking endorsement for this method of ensuring a nomination for the position of Secretary-General and Treasurer. The motion was proposed by the Netherlands, seconded by the United Kingdom, and was put to the General Assembly. Each member voted in favour, with no abstentions or votes against.*

---

## **25 Propositions pour les prochaines conférences/ *Future conference proposals***

Vice-président Ruas introduit les deux soumissions pour organiser la 16e Assemblée Générale et 27ème conférence cartographique internationale. Chaque soumission a été donnée 15 minutes pour faire une présentation à l'Assemblée Générale. Des représentants du Brésil ont présenté la candidature de Rio de Janeiro pour la réunion de 2015, suivie par des représentants des États-Unis d'Amérique qui ont proposé à Washington DC comme le site de l'événement.

*Vice-President Ruas introduced the two bids to hold the 16th General Assembly and 27th International Cartographic Conference. Each bid was given 15 minutes to make a presentation to the General Assembly. Representatives from Brazil presented the candidacy of Rio de Janeiro for the 2015 meeting, followed by representatives from the United States of America who proposed Washington DC as the site of the event.*

La première session de l'Assemblée Générale a terminé promptement à 17:00 h, le dimanche 3 Juillet 2011. / *The first session of the General Assembly finished promptly at 17:00 hrs on Sunday 3 July 2011.*

---

## Deuxième session : vendredi 28 août 2015 8h30 - 10h30 / *Second Session : Friday 28th August 2015 8:30 - 10:30*

Le Président rouvrait l'assemblée à 08h30 et pria le secrétaire-général de faire l'appel des membres / *The President reopened the assembly at 8.30, and asked the Secretary-General to proceed with the roll-call.*

### **26 Appel des membres/ *Roll call of members***

La présence de membres à la deuxième session de l'Assemblée Générale est enregistrée dans la colonne appropriée sous le point 3 des présents comptes-rendus. / *The presence of members in the second session of the General Assembly is recorded in the appropriate column under item 3 of these Minutes.*

### **27 Droit de vote / *Voting eligibility***

Les droits de vote des membres présents à cette séance de l'Assemblée Générale ont été déterminés par le Secrétaire général et trésorier, et sont également enregistrés dans la colonne appropriée sous le point 3 des présents comptes-rendus. Il a été noté que le résultat du vote sous le point 35 de l'ordre du jour (le vote sur l'adhésion, l'exclusion, et des représentants changé) aurait un impact sur les droits de vote, de sorte qu'il a été déterminé que cette question soit votée avant tout les autres votes de fond. *The voting rights of members present in this session of the General Assembly were determined through the Secretary-General & Treasurer, and are also recorded in the appropriate column under item 3 of these Minutes. It was noted that the result of the vote taken under item 35 of the Agenda (voting on membership, exclusion, and changed representatives) would have an impact on voting rights, so it was determined that this item be voted upon before any other substantive votes.*

### **28 Désignation de deux Scrutateurs / *Nomination of two Scrutineers***

Le Comité exécutif a recommandé deux personnes pour agir comme scrutateurs pour le vote qui aurait lieu pendant cette session de l'Assemblée Générale. Prof Monika Sester (Allemagne) et Prof Necla Ulugtekin (Turquie) ont été nommés par le Comité exécutif. Mis aux voix, chaque candidat a été élu par acclamation.

*The Executive Committee recommended two individuals to act as scrutineers for the voting which would take place during this session of the General Assembly. Prof Monika Sester (Germany) and Prof Necla Ulugtekin (Turkey) were nominated by the Executive Committee. Put to the vote, each candidate was elected by acclamation.*

### **29 Vote sur l'adhésion: exclusion, nouveaux membres nationaux, représentant membre nation modifié, nouveaux membres affiliés / *Voting on Membership: exclusion, new member nations, changed member nation representative, new affiliate members***

Parce que les résultats de certaines des votes dans ces aspects aurait une incidence sur le vote sur les motions d'autres de fond, de ce point a été abordé à ce moment. / *Because the results of some of the votes in these aspects would affect the voting on the other substantive motions, this agenda item was addressed at this stage.*

---

Le vote sur l'exclusion a entraîné le retrait de l'adhésion et de tous les droits de l'adhésion des nations suivantes: Albanie, Guinée-Conakry, le Nicaragua, le Panama, le Qatar, El Salvador, Soudan, Tunisie. Un membre a voté contre, et il y avait six abstentions.

*The vote on exclusion resulted in withdrawal of membership and all membership rights from the following nations: Albania, Guinea-Conakry, Nicaragua, Panama, Qatar, El Salvador, Sudan, and Tunisia. One member voted against, and there were six abstentions.*

Le vote unanime sur nouveaux pays membres abouti à l'élection de l'Uruguay en tant que nation que nouveau membre de l'ICA. / *The unanimous vote on new member nations resulted in the election of Uruguay as a new member nation of ICA.*

Le vote sur la représentation des pays membre a entraîné un changement d'organisation représentant la Bulgarie à l'Union des géomètres et des gestionnaires des terres à l'Association Cartographique bulgare. Quatre membres ont voté contre et il y avait douze abstentions.

*The vote on member nation representation resulted in a change of organisation representing Bulgaria from the Union of Surveyors and Land Managers to the Bulgarian Cartographic Association. Four members voted against and there were twelve abstentions.*

Les votes à l'unanimité sur les nouveaux membres affiliés abouti à des membres suivants approuvés: Land Information New Zealand; Section de cartographie des Nations Unies; Polish Cartographical Society; Chinese Cartographic Association (Taipei chinois); United States Geological Survey.

*The unanimous votes on new affiliate members resulted in the following members being approved: Land Information New Zealand; United Nations Cartographic Section; Polish Cartographical Society; Chinese Society of Cartography (Chinese Taipei); United States Geological Survey.*

### **30 Adoption des comptes 2007-2011 / *Vote on approval of the accounts 2007-2011***

Les comptes de 2007-2011, tel que déposé, ont été approuvés par tous les membres, sauf pour une abstention. / *The 2007-2011 accounts, as tabled, were approved by all members, save for one abstention.*

### **31 Vote du budget 2011-2015 / *Vote on the final budget 2011-15***

Le budget 2011-2015 fut mis a la vote par le Secrétaire-général et fut approuvé par tous les membres, sauf pour une abstention.. / *The budget proposal was put to the vote by the secretary-general and was approved by all members, save for one abstention.*

### **32 Election du Président / *Election of the President***

Le vote à l'unanimité pour le poste de président entraîné le Professeur Georg Gartner être élu Président de l'ACI 2011-2015. / *The unanimous vote for the position of President resulted in Prof Georg Gartner being elected as ICA President 2011-2015.*



---

### **33 Election du Secrétaire-général / Election of the Secretary-General**

Le vote à l'unanimité pour le poste de secrétaire général et trésorier entraîné Prof Laszlo Zentai d'être élu Secrétaire général et trésorier de l'ACI de 2011 à 2015. / *The unanimous vote for the position of Secretary-General & Treasurer resulted in Prof Laszlo Zentai being elected as ICA Secretary-General & Treasurer 2011-2015.*

### **34 Fixation du nombre des Vice-présidents / Vote on the number of Vice-Presidents**

Avant le vote sur les nominations des vice-présidents, le Secrétaire général a noté qu'il était nécessaire de voter sur le nombre des vice-présidents. Les raisons de recommander un total de sept vice-présidents ont été présentés: une couverture mondiale; préséance; couverture des tâches (y compris l'adressage des ambiances, la liaison avec les commissions), l'efficacité dans le soutien du Président avec les tâches élargies telles que la sensibilisation, la liaison avec les organismes internationaux, les sœur-sociétés et l'ICSU.

Une proposition visant à élire sept vice-présidents a été faite par le Royaume-Uni, appuyée par les Pays-Bas, et a été adoptée à l'unanimité par l'Assemblée Générale.

*Before the vote on the nominations for Vice-Presidents, the Secretary-General noted that it was necessary to vote on the number of Vice-President positions. The reasons for recommending a total of seven Vice Presidents were presented : global coverage ; precedence ; coverage of tasks (including addressing of fields, liaison with Commissions) ; effectiveness in supporting the President with expanded tasks such as outreach, liaison with international bodies, sister societies and ICSU.*

*A proposal to elect seven Vice-Presidents was made by the United Kingdom, seconded by the Netherlands, and was passed unanimously by the General Assembly.*

### **35 Election des Vice-présidents/ Election of Vice-Presidents**

Le résultat de l'élection était que les candidats suivants ont été élus Vice-Présidents:

Derek Clark, Afrique du Sud; Menno-Jan Kraak, Pays-Bas; Sukendra Martha, l'Indonésie, Paulo Menezes, le Brésil, Anne Ruas, France; Timothy Trainor, États-Unis; Liu Yaolin, Chine.

*The result of the election was that the following candidates were elected as Vice Presidents: Derek Clark, South Africa; Menno-Jan Kraak, The Netherlands; Sukendra Martha, Indonesia; Paulo Menezes, Brazil; Anne Ruas France; Timothy Trainor USA; Liu Yaolin, China.*

### **36 Election des commissaires aux comptes 2011-2015 / Election of Auditors 2011-2015**

Les candidatures ont été reçues pour deux commissaires aux comptes honoraires, Professeur Hal Moellering, États-Unis, et le Dr Nikolai Komedchikov, en Russie. Ces deux nominations ont été déposés et deux ont été élus par scrutin.

*Nominations had been received for two Honorary Auditors, Prof Hal Moellering, USA, and Dr Nikolai Komedchikov, Russia. These two nominations were tabled and both were elected by ballot.*

### 37 Propositions de commissions 2011-2015/ *Commission proposals 2011-2015*

Les propositions des commissions, avec des nominations pour les présidents et les Termes de Référence, a été diffusé dans l'Agenda. Le formulaire de vote par la suite été utilisé pour l'élection des commissions.

*Proposals for Commissions, with nominations for Chairs and Terms of Reference, had been circulated in the Agenda. The following voting form was used for the election of Commissions.*

Commission et président proposé / <i>Commission and proposed chair</i>	Oui / <i>Yes</i>	Non / <i>No</i>	Abstention
Art et cartographie / <i>Art and cartography</i> [président Caquard, Canada] ;			
Atlas / <i>Atlas</i> [président Jordan, Autriche / <i>Austria</i> ] ;			
Cartographie dans l'alerte précoce et la gestion de crise / <i>Cartography in early warning and crises management</i> [président Konecny, République Tchèque / <i>Czech Republic</i> ] ;			
Cartographie de montagne / <i>Mountain cartography</i> [président Kriz, Autriche / <i>Austria</i> ] ;			
Cartes et graphes pour les personnes aveugles et malvoyantes / <i>Maps and graphics for blind and partially-sighted people</i> [président Coll, Chili / <i>Chile</i> ] ;			
Cartographie et l'internet / <i>Maps and the internet</i> [président Cammack, États-Unis d'Amérique / <i>USA</i> ] ;			
Cartographie et les enfants / <i>Cartography and children</i> [président Jesus Reyes, Hongrie / <i>Hungary</i> ] ;			
Cartes et société / <i>Maps and society</i> [président Perkins, Royaume-Uni / <i>UK</i> ] ;			
Cartographie omniprésente / <i>Ubiquitous cartography</i> [président Arikawa, Japon / <i>Japan</i> ] ;			
Cartographie par télédétection / <i>Mapping from remote sensor imagery</i> [président Yang, États-Unis d'Amérique / <i>USA</i> ]			
Cartographie planétaire / <i>Planetary cartography</i> [président Hargitai, Hongrie / <i>Hungary</i> ] ;			
Cartographie théorique / <i>Theoretical cartography</i> [président Du, Chine / <i>China</i> ] ;			
Conception cartographique / <i>Map design</i> [président Field, Royaume-Uni / <i>UK</i> ] ;			
Éducation et formation / <i>Education and training</i> [président Fraser, Australie / <i>Australia</i> ] ;			
Généralisation et représentation multiple / <i>Generalisation and multiple representations</i> [président Burghardt, Allemagne / <i>Germany</i> ] ;			
Géovisualisation / <i>Geovisualization</i> [président Andrienko, Allemagne / <i>Germany</i> ] ;			
Histoire de la cartographie / <i>History of cartography</i> [président Liebenberg, Afrique du Sud / <i>South Africa</i> ] ;			
Modélisation et analyse géospatiale / <i>Geospatial analysis and modeling</i> [président Jiang, Suède / <i>Sweden</i> ] ;			
Néocartographie / <i>Neocartography</i> [président Chilton, Royaume-Uni / <i>UK</i> ] ;			
Normes et infrastructures de géo-information / <i>Geoinformation infrastructures and standards</i> [président Cooper, Afrique du Sud / <i>South Africa</i> ].			
Production de cartes et géo-business / <i>Map production and geobusiness</i> [président de Maeyer, Belgique / <i>Belgium</i> ] ;			
Projections cartographiques / <i>Map projections</i> [président Lapaine, Croatie / <i>Croatia</i> ] ;			
Qualité des données / <i>Data quality</i> [président Chen, Chine / <i>China</i> ] ;			

SIG et développement durable / <i>GI for sustainability</i> [président Tikunov, Russie / <i>Russia</i> ] ;			
Technologies géospatiales open source / <i>Open source geospatial technologies</i> [président Anand, Royaume-Uni / <i>UK</i> ];			
Technologies numériques dans l'héritage cartographique / <i>Digital technologies for cartographic heritage</i> [président Livieratos, Grèce / <i>Greece</i> ];			
Utilisateurs et usages / <i>Use and user issues</i> [président van Elzakker, Pays-Bas / <i>Netherlands</i> ];			
Visualisation cognitive / <i>Cognitive visualization</i> [président Fabrikant, Suisse / <i>Switzerland</i> ];			

Le résultat a été que toutes les commissions ont été élus, quatre avec trois votes négatifs, six avec deux votes négatifs, et treize avec un vote négatif. Toutes les autres commissions ont été approuvés à l'unanimité.

*The result was that all Commissions were voted in, four with three negative votes, six with two negative votes, and thirteen with one negative vote. All other Commissions were unanimously approved.*

### **38 Sélection du lieu de la 16<sup>o</sup> Assemblée Générale et de la 27<sup>o</sup> Conférence cartographique internationale / *Selection of the place of the 16th General Assembly and the 27th International Cartographic Conference***

Le secrétaire-général adressait ensuite la forme de vote pour sélectionner le lieu de la seizième Assemblée Générale et de la vingt-septième conférence cartographique internationale. Après avoir effectué la vote, il pouvait renseigner l'assemblée que c'était Rio de Janeiro qu'avait gagné sur Washington avec une différence très petite.

*The Secretary-General then proceeded to the vote for selecting the venue of the 15th General Assembly and 25th International Cartographic Conference. After the vote he could inform the assembly that Rio de Janeiro had won over Washington DC with a very small margin.*

### **39 Questions divers / *Any other business***

Il a été convenu que, après les affaires formelles, une session ouverte de la discussion entre les délégués nationaux membres aurait lieu. Des questions ont été soulevées par les délégués qui seraient transmis au Comité exécutif de nouveaux pour l'action. Il s'agit notamment: la nécessité de resserrer le contrôle et l'interaction avec les commissions des officiers de liaison communautaire; le souhait de voir les activités de l'ICA en Afrique une priorité plus élevée, et l'intention pour ACI de rechercher la pleine adhésion de l'ICSU.

*It was agreed that, after the formal business, an open session of discussion amongst national member delegates would be held. Issues were raised by delegates which would be passed to the new Executive Committee for action. These included: the need for closer control and interaction with Commissions by EC liaison officers; the wish to see ICA's activities in Africa given a higher priority; and the intention for ICA to seek full membership of ICSU.*

### **40 Clôture / *Closing***

Le Président fermait l'assemblée à 12.30, en remerciant les scrutateurs ainsi que les délégués et les organisateurs. / *The president closed the assembly at 12.30, thanking the scrutineers, the delegates and the organisers for all their work.*

---

## Appendix 2

# Report of the President

## 1. The mandate of the XV. General Assembly of ICA

At the 15th General Assembly of the International Cartographic Association at Paris 2011 the national delegates voted and decided on the operating and financial framework of the Association for the term 2011 to 2015.

Based on their vote the Executive Committee consisting of Georg Gartner (President), Laszlo Zentai (Secretary-General) and the Vice-Presidents Anne Ruas, Derek Clarke, Sukendra Martha, Paulo Menezes, Tim Trainor, Menno-Jan Kraak, Yaolin Liu obtained their authority.

Further, the national delegates at the General Assembly gave a mandate to a total number of 28 commissions and their nominated chairpersons:

- Commission on Art and Cartography, Chair Sébastien Caquard
- Commission on Atlases, Chair Peter Jordan
- Commission on Cartography and Children, Chair José Jesus Reyes Nunez
- Commission on Cartography in Early Warning and Crisis Management, Chair Milan Konecny
- Commission on Cognitive Visualization, Chair Sara Fabrikant
- Commission on Data Quality, Chair Xiaoyong Chen
- Commission on Digital Technologies in Cartographic Heritage, Chair Evangelos Livieratos
- Commission on Education and Training, Chair David Fraser, followed by David Fairbairn
- Commission on Generalisation and Multiple Representation, Chair Dirk Burghardt
- Commission on Geoinformation Infrastructures and Standards, Chair Antony Cooper
- Commission on Geospatial Analysis and Modelling, Chair Bin Jiang
- Commission on Geovisualization, Gennady Andrienko
- Commission on GI for Sustainability, Chair Vladimir Tikunov
- Commission on the History of Cartography, Chair Elri Liebenberg
- Commission on Map Design, Chair Kenneth Field
- Commission on Map Production and Geo-Business, Chair Philippe de Maeyer
- Commission on Map Projections, Chair Miljenko Lapaine
- Commission on Mapping from Remote Sensor Imagery, Chair Xiaojun Yang
- Commission on Maps and Graphics for Blind and Partially Sighted People, Chair Alejandra Coll
- Commission on Maps and Society, Chair Christopher Perkins
- Commission on Maps and the Internet, Chair Rex Cammack
- Commission on Mountain Cartography, Chair Karel Kriz
- Commission on Neocartography, Chair Steve Chilton
- Commission on Open Source Geospatial Technologies, Chair Suchith Anand
- Commission on Planetary Cartography, Chair Henrik Hargitai
- Commission on Theoretical Cartography, Chair Qingyun Du
- Commission on Ubiquitous Mapping, Chair Masatoshi Arikawa
- Commission on Use and User Issues, Chair Corné van Elzakker

Furthermore a joined ICA working group and IGU Commission on Toponymy was set in place from the EC right after the General Assembly, chaired by Paulo Menezes (ICA) and Cosimo Palagiano (IGU) as well as a working group on the International Map Year under the chairmanship of Bengt Rystedt.

---

ICA was given a budget, proposed by the Secretary-General and Treasurer of the term 2007-2011 David Fairbairn, and meant as a financial framework, by the vote of the delegates (refer to the resp. report of the Treasurer). Two auditors, Harold Moellering and Nikolai Komedchikov, have been elected by the General Assembly. As Nikolai Komedchikov passed away to all our sorrows the EC nominated Subbarao Rao later on.

Finally, Rio de Janeiro and Brazil was determined as the venue for the International Cartographic Conference 2015 and the XVI. General Assembly.

## 2. Status of the discipline and the organisation

Within the term 2011 to 2015 it can be noted, that the discipline of cartography and ICA as its respective international organisation has been embedded in several global trends. The discipline of **cartography has and is facing some major challenges** due to further changes of the organisational and technological environments map production and map use is connected with. In several ways the term "cartography" is replaced or renamed, also with terms like "Geomatics", "Geoinformation Science", "Geoinformation" or similar. Geodata acquisition and automated spatial data handling have become even wider spread and are embedded as essential parts of phenomena like big data, smart environments and sensor networks. What we call "cartography", thus being competent to derive a meaningful model (to be meant as an instrument to communicate spatial information to a human user = a map) out of those ever increasing geo data collections, has become not only a competence of a few. Today maps can be created and used by individuals stocked with just modest computing skills from virtually any location on Earth and for almost any purpose. Rapid advances in technologies have enabled this revolution in map making by the millions. One such prominent advance includes the possibility to derive maps very quickly immediately after the data has been acquired by accessing and disseminating maps through the internet. Real-time data handling and visualization are other significant developments as well as location-based services, mobile cartography, augmented reality and VGI. However, while more geo data than ever is available and IT-technologies allow the access and use of maps in a ubiquitous manner the challenge of deriving, producing and using maps as efficient instruments of communicating meaningful spatial data to human users in their specific context has become eventually even more complex.

### **ICA as an organisation reflects in its structure and way it works an international volunteer organisation.**

The membership is based on national representation, very often in conjunction with national governmental institutions. Changes in the national organisation of cartography and GIScience, as are taking place currently through the changed portfolios of national mapping agencies, have therefore a direct impact on ICA. The decision making body is the general assembly, which takes decisions every fourth year, which allows for continuity but also limited flexibility. The organisation understands itself very much as a bottom-up organisation. This is especially visible in the way the commissions are organised and current trends are taken on board. As a matter of fact ICA is very much dependent in its progress, contributions, flexibility, quality and success on the spirit, ambitions and motivation of those volunteers which are willing to take a role in the organisation. Finally ICA understands itself also as the international authority for cartography and GIScience, thus sees itself as the key voice of the discipline in respective international affairs and representations such as UN bodies and international sister societies. Again, the relevance and importance of this voice is dependent very much on the ambition and motivation of ICA officers representing the organisation.

## 3. Mission and Visions

In tackling the mentioned challenges of the status of the discipline and the organisation and in allowing further opportunities the work of the EC for the term 2011 to 2015 was very much (1) guided by key documents and guidelines such as the existing ICA Strategic Plan, was (2) motivated by the preferences and ambitions of the EC members and finally was (3) guided by the overall strategic goal of the existing EC on strengthening the professionalism, the quality and the instruments of ICA.

The EC fully incorporated the vision being defined in the Strategic Plan as "The aim of ICA is to ensure that Cartography and GI are employed to maximum effect and full potential for the benefit of society and science

---

through promotion and representation of the discipline and profession of Cartography and GI science internationally.” and the mission being defined as

- to see ICA recognised by the wider scientific community and society as the world authoritative body for Cartography and GI science, serving society in education and professional practice, motivating individuals and organisations throughout the world.
- to play a leading role in the International Council of Science (ICSU), United Nations bodies and the Joint Board for Geospatial Information Societies (JBGIS).
- to receive professional and scientific recognition from individuals in all related fields.
- to use its knowledge, experience and expertise to remain relevant and authoritative in the representation of geography in its widest context.
- to seek the highest quality in scientific investigation, technical processes, and academic enquiry.
- to raise the profile of Cartography and GIScience to enable them to become indispensable in all scientific and societal activities.
- to maintain pre-eminence, but also collaborating with a range of communities, in promoting research and scholarship in the disciplines of Cartography and GIScience.
- to implement its vision through its constituent parts – its member nations, Executive Committee, its Commissions and Working Groups, and appointed Committees.
- to attract membership from national Cartographic and GIScience societies, universities, government, and business and commercial organisations from every country of the world.
- to be recognised for outstanding service to its members.

The EC **translated this vision and missions** in concrete priority operating actions, including the active participation in meetings of key international organizations including the UN and ICSU, in dedicated actions towards especially developing nations, in promoting Cartographic and GI research by maintaining a contemporary Research Agenda, in enhancing education in Cartography and GI science in the broadest sense through publications, seminars, conferences, competitions and exhibitions, in communicating and promoting Cartography and GIScience through contemporary communication channels, in offering renewed or additional instruments for scientific discourse and publication such as publication media (book series, journals), in reaching out to communities of map production and map use outside traditional cartographic communities.

As an **overall focus the whole EC committed itself** especially to three overarching main aspects for the term of 2011 to 2015, which are

- **Internationalisation:** The EC recognized the international character of the organisation. ICA as a global organisation needs to pay equally respect to different conditions, aims and constraints of cartography and GIScience in different parts of the world.
- **Professionalism:** Although ICA is a volunteer organisation dedicated professionalism is required. This includes the way the EC, the Commissions and Committees are operating through e.g. meetings, documents, communication structures as well the way ICA is presenting, promoting and communicating itself and the discipline. Finally this needs to be proven on how commitment to take over functions in ICA as officer is translated into responsibility.
- **Strengthening the domain:** Given the challenges the discipline is facing (refer to part 2. of this report) the role of the main international organization as a decisive advocate cannot be underestimated. It is the ICA which is able to offer directions, to incubate new self understanding, to contribute to the wording within the domain, to promote and present the relevance, importance, functions, methods, outcome and role of maps and cartography. As key action items for strengthening the domain the focusing on the three main “business cards” of ICA, the Conferences – the Commission and the Communication Channels, have been agreed on.

## 4. Operational Framework of ICA 2011 to 2015

### 4.1 Secretary General and Treasurer

The core of the operational framework of ICA is how the president and the secretary-general can work together. It has proven to be a most productive circumstance, that the Secretary-General Prof Laszlo Zentai is based in Budapest, Hungary and the President Prof Georg Gartner, in Vienna, Austria. This circumstance allowed for several regular face-to-face meetings besides the default way of shared working through emails, skype etc. as

---

well as for easy-to-handle actions if needed (such as e.g. transferring something). Face-to-face meetings, even on short notice, have proven to have undoubted advantages in efficiency, the better ability to gain an overview on influencing factors of an issue and the quantity and quality of the outcome.

As trying to meet the commitments of professionalism (refer to part 3 of this report) a strict 4-eyes-principle was decided as the basis of collaboration from the president and the secretary-general, thus any relevant information and decision was shared consequently. In financial terms the president and the SG agreed on following the principles of credibility, reliability, fairness and transparency always, thus treating the ICA budget as serious as possible and try to make the financial underpinning of the organisation ever more stable. It was our clear policy, that reimbursement or spending of whatsoever are strictly requiring evidence.

Furthermore a main indicator of professionalism can be seen as how reliable and prompt request, inquiries, questions, mails or issues are handled and answered. It is without doubt that the current SG has earned all our credits for his formidable abilities to meet these criteria. The longest eventual time of being not able to get any reply from Laszlo was for sure not more than a day during those four years. He has adopted his role as the always available "beating heart" of ICA. The total number of ICA-related interactions between the president and the secretary general included 22 face-to-face meetings (including EC meetings and conferences), 27 skype meetings and 4237 mails (until 15.8.2015). It is my personal wish to express on behalf of ICA my sincere thanks to Prof Laszlo Zentai. His efforts have made a difference and helped ICA to develop into a further stage. Köszönöm!

#### **4.2 Executive Committee**

9 regular Executive Committee Meetings have taken place, usually scheduled for three days, including two site inspections of upcoming ICCs (Dresden, Rio de Janeiro). In this context the various competences, skills and experiences of the members of the EC have proven to be a benefit as well as their geographical distribution. The spirit within the EC was constructive, ambitious and committed, thus several issues have been discussed controversial as well as being revisited several times. All EC members took over the role of being a liaison person to a number of commissions as well as had the chance on selecting a flagship project for dedicating their commitment, something which proves to be heterogeneous in its outcome. All EC members took the burden on reporting twice a year about their activities as well as participated in the regular EC Meetings. Also EC members have been asked to take over the responsibility on representing ICA on behalf of the President at particular occasions, e.g. Anne Ruas (France), Yaolin Liu (China), Menno-Jan Kraak (UN-GGIM), Derek Clarke (Africa), Laszlo Zentai (Europe, Iran), Sukendra Martha (Indonesia), William Cartwright (Oceania, JBGIS), Paulo Menezes (Brazil), Timothy Trainor (ESRI User Conference, AAG, CAGIS).

The ability and availability of EC members to act as dedicated consultants to the president and the secretary-general in specific issues have proven to be a big benefit for ICA. I would like to mention as example the expertise and experience of Derek Clarke and Tim Trainor with UN bodies and their governmental underpinning or the expertise and experience of Anne Ruas, Menno-Jan Kraak, Yaolin Liu and William Cartwright in issues related to research and research organisation, while e.g. ICA benefited also from the competences and experiences in their respective region from Paulo Menezes and Sukendra Martha. I am honoured and thankful that I have been able to work with these colleagues. All of them contributed to the idea of ICA significantly and deserve our credits.

#### **4.3 Committees**

Three dedicated committees have been set in place to consult the EC. The Committee for the Selection of Award Recipients was chaired by Michael Wood and consists further of Janet Mersey, Takashi Morita, Bengt Rystedt and Babak Shamei. The Status and By-Laws Committee consists of Bengt Rystedt (Chair), Ferjan Ormeling and David Fairbairn. Finally the Publication Committee was chaired by Michael Peterson and consisted of the editors of the affiliate journals as well as ex-officio EC members. All committees have worked most effective and deserve our credits and thanks!

#### **4.4 Commission Chairs**

---

Following the idea of a bottom-up organisation the commissions of ICA have various options on defining their structure, priorities and main activities to reach the respective terms of reference. During the current term there was the attempt of the EC to consult commissions towards becoming focused on realistic aims, on defining visible outcomes (flagship projects) and a clear internal structure. It needs to be said at that point, that the rules, by-laws and tradition of ICA are shaped in a way, that commissions are able to act individually and autonomous. The contact between the EC and all Commission Chairs by default was set through regular reports (every half a year) and through the EC Liaison Person. Two dedicated joined Commission Chair Meetings with the EC have taken place, one in conjunction with the first regular EC meeting 2011 in Vienna, Austria and one during the ICC 2013 in Dresden, Germany. Both meetings have proven to be most valuable, as a synchronisation of operational frameworks, an exchange of ideas and priorities and open discussions on the relevance of cartography, ICA and the ICA instruments took place. Further countless interactions between commissions and EC members took place on individual basis.

I would like to use this opportunity to explicitly thank all of those chairs, vice-chairs and members of ICA Commissions which worked altruistic and ambitiously for the sake of their commissions' aim. It is without doubt, that the commission work is the “powerhouse” of ICA and the current commissions have proven this again through their work and achievements. It is especially what the commissions are doing, what contributes significantly to the core content and perception of our discipline.

#### **4.5 Auditors**

Harold Moellering and Subbarao Rao have taken the responsibility on auditing the books and records of ICA. It is their report, which allows a final perspective on the reliability of the operational framework of ICA during 2011-2015, which I am thankful for.

#### **4.6 Information Dissemination and Communication Officers**

Communication and Dissemination issues have been given a special focus in the term 2011 to 2015. It is one of the internationally visible and respected assets of ICA that we have excellent persons in charge in this respect.

ICA News Editor Igor Drecki continued the production of high-quality ICA News. This source of ICA-related information is edited carefully and therefore most valuable not only as a record source but also as a tool to help the current ICA actors to reflect better about the relevance of their work always as they are asked by the news editor twice a year about issues being worth to be included in the ICA News. Igor Drecki fulfils his role pro actively and by this helps ICA to focus, reflect and report accordingly. I am personally most thankful for his achievements and efforts.

The ICA Webmasters Manuela Schmidt and Felix Ortig have contributed heavily to the most contemporary and pleasing look-and-feel of ICA through the ICA webpage, ICA social media channels and document designs. They have gone beyond being available on request but anticipated actively about needs and demands in this respect. The importance of qualitative and contemporary outcome in respect to modern ways of communication and information exchange cannot be underestimated. It is my personal wish to express my sincere thanks to both of them for their altruistic, tireless excellent efforts.

#### **4.7 The ICA “Family”**

Independent from the fact, if persons have currently a function in ICA, the organisation can be characterized especially by the remarkable spirit of many which understand themselves as part of “ICA”, something which I used to call the “ICA family”. I am thankful to be able to have benefited from this, as countless interactions took place helping me in my duties. I sincerely hope, that this “spirit” keeps on existing, as it is this atmosphere which makes ICA distinct.

## **5. Selected major achievements of ICA at the term 2011 to 2015**



---

Please note, that not all activities, efforts, results and achievements can be listed, thus the following reflects a selection. Please refer to available detailed reports on all mentioned items on request.

### **5.1 The Commissions of ICA**

Please note, that the major achievements of the ICA Commissions in the term 2011 to 2015 are described in the respective individual Commission Reports. I would like to mention at that point, that significant and excellent work has been done under the umbrella of ICA Commissions (incl. the joined ICA working group / IGU Commission on Toponymy) and that I consider this as a major outcome of ICA in the last four years. In not being able to highlight all the efforts and work being done in the commission I would like to ask for a dedicated look into the detailed reports of the Commissions being submitted to the General Assembly at Rio.

### **5.2 The International Cartographic Conferences**

ICC 2013 took place in Dresden, Germany, organized by the German Cartographic Society and the Conference Director Prof Manfred Buchroithner. The conference was a big success. Numerous excellent scientific presentations and sessions took place, most inspiring side events have been offered and several publications have been issued (4 special issues of Journals, Conference Book in the ICA Book Series, Proceedings). 524 cartographic products have been displayed in the cartographic exhibition as well as a children map exhibition was on display. The discipline of Cartography and GIScience demonstrated their enormous potential through more than 1200 participants from 69 countries, giving 438 oral and 220 poster presentations. The venue, the conference organisation and the hospitality of the German organizers have been excellent. It is my sincere wish to thank again all German colleagues, which have been involved in the organisation of ICC 2013 under the leadership of Manfred Buchroithner, for their excellent contribution to ICA.

ICC 2015 in Rio de Janeiro, Brazil is scheduled for August 2015 and has received a significant number of scientific submissions. We are all looking forward to this event. Both conferences have been embedded in overall trends, some which are independent from the domain such as economical crisis, as well as in trends related to the discipline including the changes cartography is facing currently (compare section 2 of this report). Both conferences have been again somewhat an indicator for the enormous burden, effort and responsibility the organisation of an ICC brings to a national member, and that therefore a national consensus beyond the national member organisation seems to be important for lowering burdens and risk in the future.

### **5.3 ICSU**

ICA was accepted as full union member of ICSU (International Council of Science) at the ICSU General Assembly 2014 in Auckland, bringing a long path of applying for full membership to a successful end. The full membership lifts the domain of Cartography and ICA as the respective domain organisation on the highest level within the choir of sciences. This is not only an attribute we can be proud of but also offers unique and important opportunities of cooperation and contributions I strongly recommend ICA to follow up in future.

In order to have been finally accepted as full union member of ICSU a number of obstacles had to be taken, including (1) the necessity on qualifying through the internal scientific oriented structure of the organisation (e.g. through the research agenda, the scientific conferences), in (2) preparing full documentation and a detailed application document and in (3) gaining significant explicit support letters from national academies of science as well as from full ICSU members. It is my personal wish to highlight the instrumental role of former ICA officers in respect to (1), especially Bengt Rystedt and Ferjan Ormeling. I also would like to explicitly thank Laszlo Zentai and William Cartwright for their efforts in respect to (2) and would like to finally express sincere thanks on behalf of ICA to IUGG, IGU, ISPRS and several national academies of science for their support.

### **5.4 The International Journal of Cartography**

ICA as the authoritative body of Cartography and GIScience is very much interested in fostering scientific discussions, efforts and results, as this relates and translates into the core self understanding of a discipline as well as the future of the discipline and also their reputation. When it comes to Journal as outlets of scientific work in relation to ICA the three ICA-affiliated international journals *Cartographica*, *The Cartographic Journal* and *CAGIS* are primarily used as well as national journals. As it can be stated, that the increasing importance of

---

journal publications for scientific careers needs to be addressed and that many cartographic scientific results are published in all kind of journals of neighbouring disciplines it was decided, to evaluate the benefit of an ICA - Journal.

The evaluation included the definition of the interest of ICA in further sharpening the scientific profile (compare part 3 of this report) as well as calculating the relevance of outlets for the existing sources of scientific activities and outcomes, such as the International Cartographic Conferences and ICA Commission Work. Besides discussing the strategic pros and cons operational models have been part of this discussion as well, such as Open Access models. For a detailed report on the history and aspects of this process please refer to the Report of the Publication Committee Chair.

As a result of the long, controversial and heterogeneous process I am personally most happy to be able to say, that the International Cartographic Association (after more than 50 years of existence) has decided to run its own journal, the International Journal of Cartography. The first issue is available at ICC 2015 as a result of the work of the installed Editors-in-Chief Anne Ruas and William Cartwright, which work currently with the Publishing House Taylor & Francis on shaping the Journal.

I would like to mention at that point the input and efforts of many in this process, including especially Zhilin Li and Michael Peterson. It is to thank also the current Editors-in-Chief for their incubation work. Finally I would like to call upon ALL OF YOU to now adopt this "new baby" of ICA by considering it for your work as publication outlet and by promoting it to your respective community.

### **5.5 The International Map Year**

At the fourth session of the United Nations Committee of Experts on Global Geospatial Information Management at the UN Headquarters in New York 6.-8. August 2014 the ICA Initiative on an International Map Year 2015/16 was positively discussed.

It says in the resolution:

*The committee endorse the International Map Year 2015-2016 as proposed by the International Cartographic Association as a valuable means to promote the importance of maps and Geoinformation.*

With this a long path of preparation has successfully succeeded. The main purpose of the International Map Year (IMY) is to expose the importance of maps and geographic information in human society through several ways. In allowing to realize this original initiative of Bengt Rystedt and the Swedish Cartographic Society an ICA Working Group was installed at ICC 2011. Ferjan Ormeling, Vit Vozenilek, Serena Coetzee, David Fairbairn, Ayako Kagawa and Aileen Buckley joined in. In conceptualizing, preparing and producing relevant ideas, materials and documents ICA and the IMY working group found support from the United Nations Regional Cartographic Conference (UNRCC) in Bangkok in October 2012, which adopted a resolution stating that, on behalf of UNRCC, the International Cartographic Association (ICA) should organise the International Map Year 2015.

Significant preparatory work has been carried out since that conference, with the establishment of an IMY working group under the auspices of ICA, and the raising of the profile of IMY within the United Nations itself. Pragmatically, it was determined that the most appropriate vehicle for driving the United Nations involvement should be the United Nations' Initiative on Global Geospatial Information Management (UN-GGIM), which finally succeeded as mentioned above.

Basically two groups have been instrumental in this context. The IMY WG in delivering guidelines, resources (web site, on-line book, ideas and advice for local and national 'map days', encouragement to hold exhibitions and competitions, event schedules) and examples. I would like to especially highlight the book "The World of Maps", which is available for free download in three languages (english, french, spanish) already from <http://mapyear.org/the-world-of-maps-overview/> and the IMY webpage, which is an attractive portal into IMY activities. And on the other hand those which have helped to bring the issue of IMY to the attention of JBGIS and UN GGIM.

Let me use this opportunity to highlight and thank especially Bengt Rystedt in his collaboration with the IMY working group and the ICA webmasters for making this initiative happen and ready to be launched at ICC 2015

---

in Rio de Janeiro! For the later task of working with the UN entities I would like to explicitly mention the instrumental role and help of Derek Clarke, Tim Trainor, William Cartwright, Mark Cygan, Robert Ward and Greg Scott.



At ICC 2015 the IMY will be officially opened. From now on all national delegates and cartographic organisations are asked to offer a full programme of activities and events. Common aims include to make maps more visible to citizens and school children in a global context; to display different types of maps, showing how maps can be used in society, and how technical developments have affected their production; to introduce the role of information technology in handling geographic information and how it allows individuals to make their own maps; to promote the sustainable development of geographic information infrastructures; and to increase the recruitment of students to cartography and cartography-related disciplines.

This is a great opportunity for cartography and ICA. It is up to ALL OF US to participate in this global festival of the best of mapping. (<http://mapyear.org>)

#### **5.6 Contact and Representation at UN entities**

ICA has pursued contact with the following UN entities: UN GGIM, UNESCO, UN SPIDER, UNOOSA, UN GEGN. In most cases this is request- or demand driven, however a regular contact exists due to the status of ICA as official “UN NGO Observer” especially with UN GGIM and UN GEGN.

The establishment of UN-GGIM as a strategic decision of the UN Statistical Division allows to place issues of geospatial information management in the focus of UN discussions. Thus organisations such as ICA have a high interest in the directions, resolutions and outcomes of these discussions. Therefore participation in person on the highest representation level as well as eventual active contributions to UN-GGIM have been of highest priority for ICA. It is a most valuable coincidence that VP Derek Clarke and VP Tim Trainor have been and (currently still are) accredited as national delegates of their respective home country and have also been invited to accept roles in the UN-GGIM administration. I would like to highlight the fact, that Tim Trainor has been elected Vice-Chair of UN-GGIM just recently (August 2015). I would like to highlight also the fact, that Past-President William Cartwright played several roles in his capacity as JBGIS Chair in UN-GGIM activities. All of this helped ICA to gain visibility and acceptance in this body, which was especially of importance when the endorsement of UN-GGIM for IMY was under discussion.

#### **5.7 Joint Board of Geo Information Societies**

JBGIS is a coalition of recognized international geospatial organizations involved in the coordination, development, management, standardization or regulation of geospatial information and related matters, represented by the Presidents or equivalent office bearers that lead those organizations.

This coalition becomes especially important when the "Geo-Domains" being represented in the JBGIS need to find one voice, as e.g. in the context of United Nation Activities or other International and Interdisciplinary Frameworks. It is therefore of importance to ICA, that the JBGIS is recognized by the United Nations Initiative on Global Geospatial Information Management (UN-GGIM).

The JBGIS chair position rotates between the member organizations. It happens to be, that our Past President William Cartwright was elected chair of the JBGIS 2011. Due to the fact, that his leadership was unanimously perceived as crucial for the further development of JBGIS he was asked to prolongate his term as chairs twice until 2014, which was an exceptionally affair, giving him as well as ICA a most prominent profile in this respect. This was also instrumental in the unanimous support of JBGIS for the ICA initiative of the IMY. I would like to

---

take the opportunity to express my sincere thanks to Past-President William Cartwright for his excellent work in this respect.

### **5.8 Sister Societies and Memorandum of Understandings**

The International Cartographic Association has close relationships to neighbouring domains and their International Organisations, we even call them Sister Societies. This goes as far as having joined activities, including e.g. a joined Working Group on Toponymy with the International Geographical Union (IGU), a joined International Board of the International Federation of Surveyors (FIG), the International Hydrographic Association (IHO) and ICA for Standards and Competences (IBSC), joined Sessions at the vice versa conferences with the International Society for Photogrammetry and Remote Sensing (ISPRS), joined interests and participation at the events of the International Steering Committee for Global Mapping ((ISCGM), the International Map Industry Association (IMIA), the International Association of Geodesy (IAG) or the Global Spatial Data Infrastructure Association (GSDI).

This existing relationships to sister societies have been pursued further. All of those contacts have proven to be useful and partly instrumental e.g. in the application phase for ICSU Membership or in gaining the UN GGIM endorsement for the International Map Year.

The membership to GEO was achieved 2012 and gives ICA access to this intergovernmental and international body of primarily geodata acquisition and handling issues.

Further Memorandum of Understandings have been discussed, concepted and signed in the term 2011 to 2015. The MoU signed with OSGeo (2011) turned out to be specifically successful and was recently renewed (2015) as a fundament for further cooperation in respect to the "Geo4All" and "ICA-OSGeo-ISPRS Labs" Initiatives. The full list of MoU can be found at <http://icaci.org/memoranda-of-understanding/>.

A special connection exists with IHO. There is a FIG/IHO/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers. The ICA representatives Lysandros Tsoulos and Ron Furness have made ongoing significant contributions in this board. ICA is most thankful for this. A succession plan as a prerequisite for the further involvement of ICA in this respect is urgently necessary.

### **5.9 "ICA-OSGeo Labs" and "Geo4All"**

The "Geo for All" Initiative ([www.geoforall.org](http://www.geoforall.org)) has developed out of the Memorandum of Understanding Activities between ICA and OSGeo (the Open Source Geospatial Foundation). So-called "ICA-OSGeo Labs" have been founded in unexpected high numbers since then and have reached a number higher than 100 in the meantime (<http://www.geoforall.org/locations/>), demonstrating the great interest and demand for evaluating and using Open Source Software in the area of Cartography, GI Science and Geospatial Information Management.

In order to direct the development of this initiative an Advisory Board has been found, co-chaired by the Presidents of ICA (Georg Gartner) and OSGeo (Jeff McKenna). Due to the inclusive character of this initiative and a strong interest being expressed several times from the International Society for Photogrammetry and Remote Sensing ISPRS is now joining this initiative.

### **5.10 Publications**

ICA has a long tradition in publishing results of ICA-related work. This includes book, journals, proceedings and online resources (<http://icaci.org/publications/>). For the discussion on journals see chapter 5.4.

#### **- Book Series**

Books have been published with Butterworth Heinemann, Map Collector Publications and Elsevier in the past. Since 2011 ICA is entitled to publish results of their activities, such as commission work, conferences or symposia in a subseries of the Lecture Notes on Geoinformation and Cartography of the Springer-Verlag, called "Publications of the International Cartographic Association". Currently eleven projects are listed in this series, some of them in progress (please refer also the resp. reports of ICA Commissions).

---

I would like to highlight also the production of two books as outcomes of the Barbara-Petchenik Children Map Competition. SinoPress, based in China, published 2015 the book "The World as seen by children" and ESRI Press, based in the USA, published 2015 the book "Children Map the World". In this respect it is to thank the tireless efforts of Jesus Reyes, Temenoujka Bandrova, Diah Kresnawati, Ana Garra, Carla Senna and Necla Ulugtekin for making this happen!

**- Online Proceedings**

The online availability of all proceedings of International Cartographic Conferences since 1993 has proven to be a most useful source (<http://icaci.org/publications/>). There is the clear aim on continuing this service after the next conferences as well. At that point I would like to mention the two ICA Webmasters which have made quite some efforts to have this service up and running: Manuela Schmidt and Felix Ortag, both from Vienna University of Technology, Austria.

**- ICA News**

The biannual newsletter "ICA News" (<http://icaci.org/ica-news/>) is edited by Igor Drecki from Auckland University, New Zealand. This publication is strongly committed to ICA-related information, being presented in high-quality in terms of both, content and design. All newsletters can be downloaded for free from the ICA website.

**- ICA Columns**

A regular ICA column exists since several years in the magazine GIM International. Dedicated communication and meetings with the editor Durk Huursma have taken place several times to strengthen and continue the good relationship, which was used to e.g. add further articles before ICCs as a promotional aspect. In respect to the regular column of ICA in GIM International I would like to take the opportunity to explicitly thank David Fairbairn for coordinating and partly writing the regular column since many years and thus giving ICA a most important outlet into the professional GI world. I would like to also thank Durk Huursma for the always uncomplicated, friendly and constructive cooperation.

As a result of several face-to-face communication between Georg Gartner, other EC members and Jack Dangermond some concrete ways of cooperation between ICA and ESRI beyond their traditional strong role as affiliate member were discussed. Key outcomes included the envisioning of a "Cartographic Summit", which is scheduled for February 2016 and under preparation currently, and a regular column of ICA in ArcNews. The so far 4 columns which have been published in ArcNews have all been written by myself and caused – maybe due to the enormous readership of ArcNews – unexpected high positive response. I strongly recommend to continue this cooperation and to use this opportunity particularly as an outlet of the president's perspectives. At that point it is my personal wish to thank our affiliate member ESRI for their ongoing strong support and cooperation.

**- ICA eCarto News**

The former Chair of the ICA Commission on Education, Dr David Fraser, has issued a monthly newsletter collecting news related to "geo" issues, maps and cartography under the umbrella of the commission. Given the interest this gains and the wish on having this available to a wider community the EC invited David to issue this now as "ICA eCarto News" via the channels of the whole organisation. The countless positive reactions demonstrated the acceptance of this service as a further benefit of ICA to its members.

**- The ICA webpage**

The conceptualization, further maintenance and development of a contemporary ICA web portal including the option on having social media channels (Twitter, Facebook, Youtube) available as well as dissemination instruments (RSS, Email Lists) was given priority. It is without doubt, that a discipline considering itself as being competent in issues of communication and design is judged even more critical in this respect. The webpage is clearly designed, well structured and up-to-date as have been stated by several comments from ICA colleagues as well as outside ICA. Several features have been introduced in this term, including a president's blog (36 presidential blog entries have been written), an internal section for the EC and Commission Chairs, full access to all digitized ICC proceedings, full availability of comment functions for the Research Agenda documents, adding of content (such as historical data about former ECs, Awardees) to name a few. The task of offering a contemporary webpage is a permanent one and I strongly suggest to the next EC to put again a dedicated focus on this.

---

#### **- Further publications**

In following invitation I wrote several columns and articles on Modern Cartography and the role of ICA, such as in *Geospatial Today* (2012, with William Cartwright), *Coordinates* (2012), *GeoSP* (2012, Arab Journal), *GIM International* (2012), *GISPortal.cz* (2012), *Standard* (2012, Austrian Newspaper), *New Scientist* (2013), *VALID* (2013, UNOOSA and JBGIS Publication on the Value of Geoinformation in Disaster Management, with Milan Konecny), *Sächsische Zeitung* (2013), *Geospatial World* (2013), *Geospatial Media* (2014), *Coordinates* (2014), *Here* (2014, WebBlog of the company "Here"), *Arcana GIS* (2014, Polish ESRI Magazine), *ISCGM Newsletter* (2015), all of them meant as promoting the discipline and the organisation.

#### **5.11 ICA Research Scholarship**

In following the idea of sharpening the profile of ICA in terms of fostering scientific activities and in evaluating the outcome of the existing instrument "Travel Awards" a new instrument was unanimously adopted from the EC. The so-called ICA Research Scholarships aims on getting young scientists to know about ICA and to get ICA to know about young scientists. It is meant as an instrument to foster academic research in the domain of Cartography and GIScience, to establish contact between young scientists and ICA Commissions, to support young scientists to be able to actively contribute to ICA activities and events, such as especially International Cartographic Conferences and to establish opportunities for young scientists within ICA publications and conferences. This is done by a financial grant to those, which qualify through reference letters from an ICA Commission Chair on the relevance and importance of their work to be presented at an ICA event. With this instrument a policy has been set in place which I recommend to pro actively use.

#### **5.12 Outreach and Capacity Building**

Dedicated synchronized outreach and capacity building programmes of ICA do not exist. It is rather the initiative of several commission, such as e.g. Education, Maps and the Internet, Open Source Geospatial Technologies to name a few, which leads to workshops, programmes or activities in respect to capacity building. The structure of ICA and its commissions was eventually not ready for the attempt on helping to synchronize activities through a dedicated Working Group, which was established at ICC 2011 but terminated a year later.

However, several activities have taken place in answering the aim of ICA to offer outreach and capacity building programmes, such as Hands-on Workshops in Tunisia (2012), a dedicated workshop for UN Staff in Vienna (2012), Sint-Maarten (2014), Botswana (2014), Uganda (2014), Tonga (2014).

#### **5.13 Membership**

Countless attempts have been made in every respective context to promote the advantages of national and affiliate membership to ICA. This was especially done through occasions such as UN GGIM meetings, where several national decision makers gather, but also in other events such as big conferences, sister society meetings or strategic visits (e.g. India). With more than twenty candidate countries respective communication has taken place in some kind of sense, as well as with several candidates for affiliate membership (Iceland, Tunisia, Romania, Jamaica, Nepal, Belarus, St Lucia, Jamaica, Barbados, Trinidad & Tobago, Guyana, Haiti, Bahamas, Tonga). However, the list of final approval for new members as tabled at the General Assembly 2015 is cleared from any interim candidates. It has proven to be not straightforward currently to win new membership, something which I see related to the challenges section of this report as well as eventually with the changes of general expectations towards membership in an international volunteer organisation. It is without doubt, that ICA needs to carefully evaluate strategies in this respect and consider this as a high priority in every single term.

#### **5.14 Representation and Keynotes**

Representing the organisation is one of the noble core responsibilities of the President. By doing this priority was given in answering strategic aims of ICA, in answering dedicated invitations, in pro-actively establishing connections and in operational meetings. All together I participated and represented ICA at the following occasions with travel constraints (the numbering, e.g. "#xx", follows a chronological ordering; full reports available):

- (1) Representing ICA in international bodies (strategic aim of ICA)

---

#5 ICSU General Assembly (Rome, Italy), #7 UN GGIM Forum (Seoul, Korea), #11 IHO General Assembly (Monaco, Monaco), #13 GeoWorldForum (Amsterdam, The Netherlands), #17 UN GGIM (New York, USA), #24 UN Crowdsourcing (Vienna, Austria), #26 UN GGIM (Doha, Qatar), #31 GeoWorldForum (Rotterdam, The Netherlands), #32 UN Regional Cartographic Conference for the Americas (New York, USA), #34 UNOOSA (Vienna, Austria), #37 CIGMA (Ciudad de México, México), #38 EuroSDR (Gävle, Sweden), #40 GEO Ministerial Summit (Geneva, Switzerland), #45 UNOOSA (Vienna, Austria), #46 GeoWorldForum (Geneva, Switzerland), #50 UN GGIM (New York, USA), #51 ICSU General Assembly (Auckland, New Zealand), #64 FIG Working Week (Sofia, Bulgaria), #66 IGU (Moscow, Russia)

(2) Representing ICA in following dedicated invitations

#2 Slovak Cartographic Conference (Bratislava, Slovakia), #3 Croatian Cartographic Conference (Split, Croatia), #6 INCA Conference (Chandigarh, India), #8 Jubilee of Austrian Cartographic Commission (Vienna, Austria), #9 Jubilee of German Cartographic Society (Berlin, Germany), #12 Mercator Conference (Sint-Niklaas, Belgium), #14 SIMGEO (Recife, Brazil), #16 Conference on Cartography and GIS (Albena, Bulgaria), #18 ISPRS Conference (Melbourne, Australia), #19 ICA Regional Cartographic Conference (Auckland, New Zealand), #20 ICA Mountain Cartography (Taurewa, New Zealand), #22 URISA (Montego Bay, Jamaica), #23 SOMAP (Vienna, Austria), #28 Art and Cartography (Zagreb, Croatia), #30 Cartographic Symposium (Königsutter, Germany), #35 BCS Jubilee Symposium (Hothorpe, UK), #36 CartoTechnology (Barcelona, Spain), #42 CartoCon (Olomouc, Czech Republic), #44 InterGeo Asia (Istanbul, Turkey), #47 Mobile Mapping (Suzhou, China), #49 AfricaGEO (Cape Town, South Africa), #54 Cartographic Conference (Zagreb, Croatia), #59 DGfK IMY Launch (Berlin, Germany), #61 Middle East Geospatial Forum (Dubai, UAE), #62 RSA IMY Launch (Cape Town, South Africa), #63 Power of Maps & AUS IMY Launch (Canberra, Australia), #65 FOSS4G (Como, Italy)

(3) Active promotion of ICA and establishment of connection/collaboration

#4 InterGEO (Nürnberg, Germany), #10 GeoTunis (Tunis, Tunisia), #21 InterGEO (Hannover, Germany), #29 GeoSiberia (Novosibirsk, Russia), #39 Africa GIS (Addis Ababa, Ethiopia), #41 URISA High Level Forum (Sint-Maarten, Sint-Maarten), #48 NMA (Gaborone, Botswana), #52 NMA (Nuku'alofa, Tonga), #53 NMA (Kampala, Uganda), #55 IGN (Buenos Aires, Argentina), #56 IGM (Montevideo, Uruguay)

(4) Meetings of operational importance for ICA

#1 ICC 2013 Preparation Meeting (Dresden, Germany), #15 Site Inspection (Dresden, Germany), #25 ICC 2013 Preparation Meeting (Dresden, Germany), #43 IBSC (Monaco, Monaco), #60 GA Preparation Meeting (Budapest, Hungary)

In the given context I have given all together 53 keynotes, promoting the relevance of cartography and the role of ICA.

### **5.15 ICA Documents**

Documents for internal use as well as promotional materials for ICA have been produced. I would like to highlight especially the ICA Directory, a useful collection of all relevant documents (statutes, by-laws, guidelines, strategic plan, research agenda, EC, Commissions, Awardees), which was edited by the Secretary-General. I would also like to highlight the several reports and minutes, which have been taken and used at every single occasion of an ICA meeting and are vital for the operation of the organisation.

Major documents are the strategic plan, which is in place and has not been altered, and the Research Agenda (RA). The RA was meant as a live document, allowing for comments and edits, but only minor interaction took place. It is without doubt, that the RA needs to be revisited in the next term, eventually in combination with an ICA-driven Body of Knowledge of our domain.

A standard header for documents was introduced, offering meta information such as date, version, venue, rapporteur. I proposed a formal meta document policy to the EC for further use.

---

## 6. A Tribute to outgoing officers

There are colleagues amongst us, which are passionate about cartography and GIScience. Because of that and because of their interest in sharing ideas, methods and results they might have somehow visited an ICA event at some time in the past, maybe a Commission Meeting or an International Cartographic Conference. They then eventually found it rewarding, getting not only reactions on their own work but also inspiration from listening and talking to other colleagues. Maybe they made friends, build networks or started cooperation's. At one point they might have been asked to take over responsibility for a function within ICA and they felt honoured about this. They then devoted time and effort in their role to answer the responsibility and expectation which comes along with such functions. They become the ambassadors and advocates of ICA in their respective role, they give time, thoughts, ideas and efforts. They are ICA.

It is on us to thank all those outgoing ICA officers, which will have no further function in ICA after ICC 2015. Let me explicitly mention in this respect Past-President William Cartwright, Vice President Derek Clarke, Vice President Sukendra Martha, Vice President Timothy Trainor, Vice President Anne Ruas, Commission Chairs Peter Jordan, Jesus Reyes Nunez, Antony Cooper, Gennady Andrienko, Elri Liebenberg, Philippe de Maeyer, Chris Perkins, Karel Kriz, Lorenz Hurni, Steve Chilton, Cornè van Elzakker, Qingyun Du, Xiaojun Yang, Xiaoyong Chen, Suchith Anand, Bin Jiang.


Thank you!

## 7. Summary and Future Challenges

Driven from the fast changes of even more technologies influencing geo data acquisition, handling and dissemination and the ever increasing amount of big geo data maps will increase in their importance as most effective and efficient interface between spatial information and human users. Cartography as the solely discipline dealing with all aspects of the respective demands and needs, thus with data handling, with new technologies (for map production and map use) and with design issues, is asked to answer this challenge.

As such future challenges exist, I recommend ICA to evaluate optional membership types, to define clear envisioned flagship projects, to sharpen the profile of ICA even further, to develop a dedicated programme on synchronized activities in relation to outreach and capacity building, to pursue further the goal of offering a high quality scientific platform through existing and eventual further instruments, to renew the research agenda, to consider working on a domain-specific Body of Knowledge, to pro actively promote cartography as authoritative organisation in international meta organisation such as the UN and ICSU, to strengthen and support efforts of members for dedicated education programmes and national cartographic activities, to further professionalize the organisation and to have a clear vision about how we name what we are doing.

I consider the opportunity to serve the International Cartographic Association as President from 2011 to 2015 as a true privilege. I will always look back on this with pleasure and true gratefulness.



Prof Dr Georg Gartner  
Vienna, August 2015



---

## **Appendix 3**

### **General Assembly 2015 document / Assemblée Générale 2015 Item 12**

---

Topic: **Secretary-General's report 2011-2015 / Secretary General's report 2011-2015**

Rapporteur: **László Zentai, Secretary-General / Secrétaire général**

Date: 11 August 2015

---

This report presents an account of activities undertaken by the Secretary-General and some of the associated work of the Executive Committee during 2011-2015.

#### **Executive Committee and other committees**

The Secretary-General was elected for a four year term at the General Assembly in Paris in August 2011. I was not originally planned to be nominated for this position, but the nomination of my predecessor for this period was withdrawn a few weeks before the General Assembly. I was asked by the acting and forthcoming presidents to run for the position. I had not too much time for preparation, but I really felt privileged to be asked for nomination to this really important position.

The support from the Hungarian ICA National Board, and that of my employer, Eötvös Loránd University, Budapest in allowing the nomination to be tabled is acknowledged, but they were not able to offer financial or other support. My predecessor David Fairbairn explained and interpreted the procedures and all the duties to me, and he offered me the opportunity to ask for his contribution at any time. I have also relied on the support of a friendly and effective Executive Committee (EC) 2011-2015 for advice and assistance. It is clear that the relationship between the President and the Secretary-General is crucial to the success of the ICA, and I have benefited from the input, direction and personal contact offered by the current President, Georg Gartner. We had several face-to-face meetings mostly in Vienna to prepare for the Executive Committee meeting or just to discuss ongoing issues. However, during this 4-year term I got more than 4000 e-mails from him (nearly three messages every day on average). I extend my thanks to him for his input and advice, and my admiration for his dedication and commitment to the ICA.

The work of the other committees appointed by the ICA – the Awards Committee under Mike Wood, the Statutes Committee under Bengt Rystedt, and the Publications Committee under Mike Peterson – must also be acknowledged. I always had the opportunity to ask for their advice and contribution.

#### **Communication**

Much of the day-to-day work of the Secretary-General in fact relies on contacts with people other than those listed above. Maintaining communication and ensuring effective information flow with the members of the ICA is clearly the priority of the Secretary-General. I have been pleased to engage with helpful and interested members of the cartographic community from various countries from all over the world. It has been a pleasure to receive messages from around the world each day: I tried to reply them quickly, but sometimes the valid answer required more time. The number of e-mails received has increased steadily in recent years. Wherever I travelled, I always tried to be on-line and check and respond my e-mails continuously.

---

The traditional letter circulation is very low: only a few national and affiliate members request traditional paper letters, but the invoices and the important messages are also sent out in postal letters (unless the member declared that they would accept all communication in e-mail).

### **Commissions and Working Groups**

The other major correspondence for the Secretary-General has been with the Commissions and Working Groups of the Association. These organizations are the driving force behind the ICA's commitment to advancing the discipline of cartography. I am grateful to the chairs of Commissions and Working Groups for their voluntary participation and valuable contribution to the ICA, and for responding to my requests for information when asked. The regular reports from Commissions and Working Groups to the EC form a useful summary of the progress of our discipline, and their websites (linked to the main ICA website) reflect this activity. I would like to particularly refer to the contribution of the Commission on Cartography and Children, especially to commission chair Jesus Reyes, who managed two Barbara Petchenik Children's Map Competitions, a highlight of each ICC in the 2011-2015 period. This is a complex operational job that I have been pleased to confidently leave to these experts. Jesus Reyes also helped me a lot to manage the Spanish language messages.

Altogether, I got about 2150 e-mails from the commissions in the past 4-year term.

### **Website and outreach**

An important initial task for the new Secretary-General at the end of 2011 was the production of a new Directory, which records the Statutes, Terms of Reference, useful contacts, and other information of record.

It is through the ICA website that we advertise ourselves to the world. The ICA must be constantly indebted to our webmasters, Felix Ortog and Manuela Schmidt from the Technical University of Vienna, who have, from 2007, re-designed, launched, managed and maintained an exemplary website of which ICA should be proud. They also successfully moved the website service to a professional company to guarantee more stable and powerful access to our website. We created an internal section on the ICA website, where commission chairs can access travel reports, commission reports and commission expenditures' statistics. A new website for International Map Year was launched, first managed by my PhD students, but later the management was passed to the ICA webmaster. I have got access to the website and the ICA Facebook page, so sometimes I myself make changes, updates on the website or publish photos on the Facebook page.

Of equal importance to the website is the regular publication of ICA News. ICA has been fortunate in retaining the services of Igor Drecki, University of Auckland, who has edited a significant number of volumes of ICA News. Igor's skills in initiating, requesting and presenting material about the ICA are exceptional and the end product of his efforts is a shining example of the creativity and attention to detail, which is the hallmark of all cartographers. Along with the printing and dissemination team in Hong Kong, the burden of preparing a regular ICA bulletin has been taken off the shoulders of the Secretary-General, for which I am grateful. David Fairbairn, my predecessor was so kind and managed the regular, monthly submission of the ICA page in the GIM International magazine. This opportunity to promote the ICA in this leading international trade journal in geomatics is very useful for our association. Georg Gartner, ICA President has submitted similar columns to ESRI's ArcNews.

### **Visits and meetings**

---

Each Commission and Working Group of the ICA has a liaison member from the Executive Committee to ensure that their activities are being undertaken effectively. ICA is grateful that Commissions and Working Groups have invited EC liaison members to their meetings, and many such visits have been made by colleagues.

I had the opportunity to take part in some outreach activities: I visited Iran twice in this term (2012, 2015), I discussed the advantages of the ICA membership in Trinidad and Tobago with our new national member (2015). I took part in the InterCarto-InterGIS-20 Conference in Rwanda in 2014 and presented the ICA for the conference participants.

I took part in the AutoCarto Conference in 2012 in order to help promoting ICC 2015. I was also invited to several national and regional cartographic events: Bulgaria, Croatia, Czech Republic, Greece, Hungary, and Russia. I took part in three International Workshops on Digital Approaches to Cartographic Heritage (2013-15), mostly because my department organized this workshop in 2014.

The ICC 2013 was and 2015 will be a very challenging event for the Secretary-General. Being responsible for so many different issues, keeping deadlines on my mind, solving problems, meeting ICA officers and national delegates were always not only challenging but inspiring too.

### **Strategic work**

The work of the ICA Secretary-General is often channelled through the Executive Committee. EC members have taken responsibility for and reported on the working ‘environments’ of cartography: Science, Society, Education, Professional Practice, and Art. The draft Strategic Plan and the Research Agenda, in particular, have benefited from the understanding of these environments which EC members have brought.

In many other ways, the 2011-2015 EC worked effectively on behalf of the Association. Diverse tasks such as refereeing conference papers, promoting the ICA in specialist meetings (including United Nations, Joint Board of GIS, ICSU), undertaking outreach in workshops, and liaising with national and regional mapping agencies are further evidence of the role of the EC members. We have advised conference organizers on issues from exhibitions, we have initiated, approved or endorsed successful regional cartographic symposia, we have signed Memoranda of Understanding with various organizations, and we have agreed to promote cartography through a wider use of the Solidarity Fund – maintaining Travel Award (Research Scholarship) winners’ attendance at international conferences, but also setting aside funds to support outreach workshops to less developed countries. Although the EC meets together infrequently (nine times in four years), we have been able to correspond regularly by electronic means: the geographical distribution of the EC members has spanned all continents, and the ICA benefits from this diversity. The use of chat, e-mail and the web has ensured efficient management of ICA business.

Although we have not updated our most important strategic documents in this term, we have reached several important strategic goals: started our scientific journal with Taylor and Francis, ICSU accepted our ICA as a union member, several Springer books were published, and launched International Map Year.

### **Future**

After being familiar with all duties of the Secretary-General, it was more and more logical to seek re-election for a second term as Secretary-General; enjoying the support from my national organization, a nomination was made by the Hungarian national representative in the first part of 2015. However, the main reason of seeking for re-election is due to Menno-Jan Kraak, the



---

applicant for President in the next term. He has also asked me to continue as a Secretary-General. I am convinced that we together will successfully work for the ICA.

*Budapest, 11 August 2015*

---

## Appendix 4

### General Assembly 2015 document / Assemblée Générale 2015 Item 13

---

Topic: **Treasurer's report 2011-2015 / Rapport du Trésorier – 2011-201**

Rapporteur: **László Zentai, Secretary-General / Secrétaire général**

Date: 13 August 2015

---

When I was nominated for the Secretary-General and Treasurer position, I had probably much less time for preparation than any of my predecessors. To make the transition process smoother it was suggested that my predecessor David Fairbairn would act as Treasurer in the remaining part of the year 2011. This decision allowed both of us enough time to prepare for the hand over process. On 21 December 2011, we visited together the ICA bank in the Netherlands, and managed the official hand over process.

I acknowledge from the outset of this report that my predecessor maintained the ICA accounts and the relationship with the ICA bank in an exemplary fashion: this conclusion was also shared by the Honorary Auditors. One of the roles of an outgoing Treasurer is to propose, from a position of full knowledge, a provisional budget for his successor; this budget was not simply provisional: the General Assembly should have approved it. So I got a budget for this term without having the opportunity to influence it. However, I would not even had enough knowledge to do that. I can report that the provisional budget has served me quite well during the 2011-2015 period, but there were differences between the planned and the realized budget. The main reason of this difference is not the non-perfect prediction of the budget, but rather the change of circumstances.

Since the 15th General Assembly in 2011, the financial situation of the ICA has been reported at meetings of the Executive Committee and to a professional auditing company. I presented to the Executive Committee at each meeting the status of incomes and expenditures comparing the ICA Budget for the 2011-2015 term. When the expenditure of an item reached the budgeted level (although the overall budget was positive), I asked the Executive Committee's approval. On the November 2014 meeting, the Executive Committee endorsed the expenditures and approved the overspending concerning the office and travel costs (see detailed information later).

The elected auditors got all financial documents digitally at the end of the financial period (2 July 2015), but they had the right to checking all financial document any time. In addition, annually a form for tax declaration has been provided to the Swedish Tax Authority (with the assistance of Bengt Rystedt, former ICA President), in the form of an annual balance of assets, revenue and expenditure.

The following documents were maintained throughout the reporting period:

- Balance sheets indicating the current state of the four bank accounts which the ICA manages (EUR, USD, EUR Savings, a newly created EUR sub-account for handling occasional commission requests concerning their events), along with the cash-in-hand account (EUR and USD), official bank statements and details of credit card transactions;

- 
- Tables of subscription and membership status for all members of ICA, both national and affiliate;
  - An annual form for tax declaration which is provided to the Swedish Tax Authority: ICA is registered as an idealistic society in Sweden and no tax is paid on its transactions.
  - Other financial background documents on changing rates, travel cost reimbursements, bank costs and occasional statistics (for example on bank cheques) for internal use.

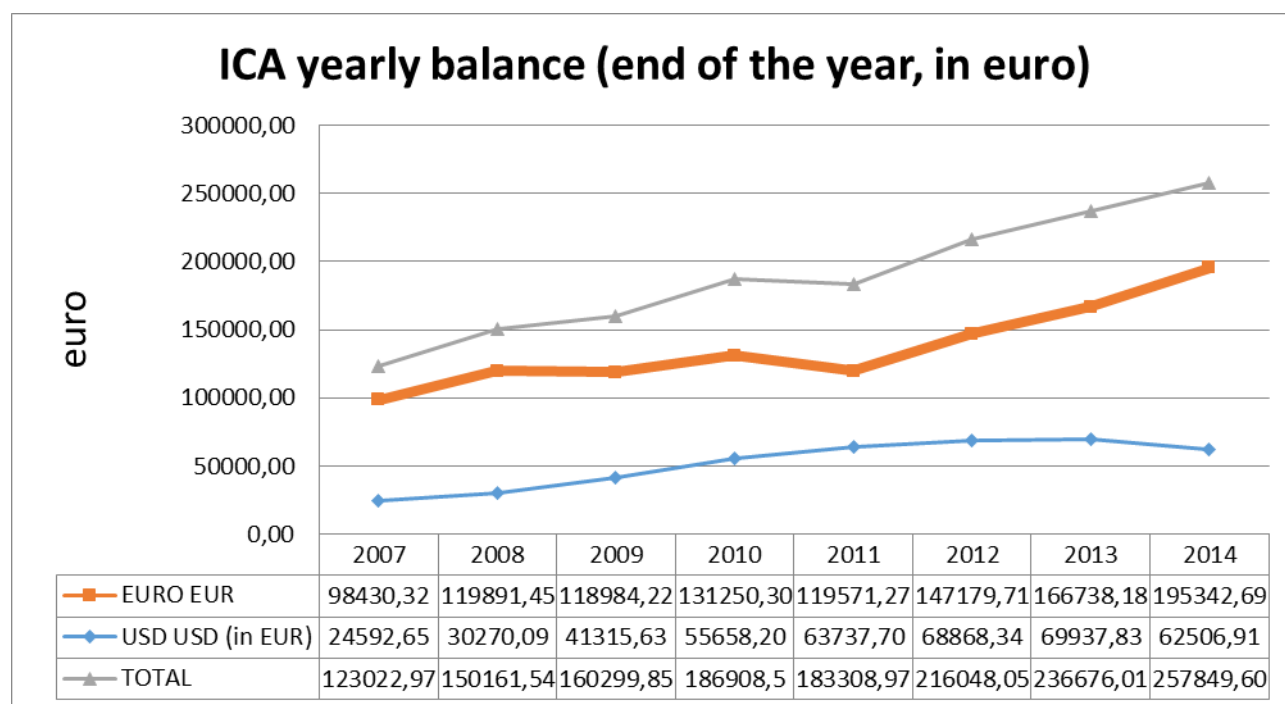
After the election in Paris in 2011, we decided to maintain the ICA bank account with the ABN AMRO Bank branch in Zeist, Netherlands, where it had been maintained since 1999 by my predecessors (at the end of 2011 all business accounts of the ABN AMRO bank was moved to a central branch in Schiphol). This arrangement has proved workable, as Internet banking facilities have been easy to undertake, but in the beginning of my Treasurer period the ICA credit card was only infrequently used (except in internet transactions) in order to allow me enough time to become experienced with the bank issues.

ICA maintains a current account in Euros, and a current account in US dollars. Members can elect to pay their subscriptions in either currency, although the accounts will show that the majority elects to remit in Euros, as the preferred currency. Charges for the Euro current account are levied under headings including postage, quarterly dues and card fees, but no interest has been earned on this account since the end of 2008, when interest rates fell to zero. However, ICA does manage a Euro savings account which does earn interest and in which the majority of funds are invested. An arrangement has been set up so that end-of-month balances in the current Euro account above 10,000 Euros are automatically transferred to the savings account to earn interest, but during my period (in 2013) the bank changed the policy of the automatic internal transfer (disabled it). So I had to manage these occasional internal transfers manually. The US dollar current account similarly does not earn interest, but the balance in this account has been rising regularly. It was recommended by my predecessor that a significant proportion of the balance in the US dollar current account be transferred to the Euro savings account at a time in the near future when the exchange rate is optimal. Finally I have not done that (we discussed this issue in the Executive Committee), but I made some outstanding payments from the USD account (where transaction costs are fixed), mostly because the next two ICCs (2015, 2017) will be organized in countries where the use of USD is probably cheaper for the ICA than the use of EUR.

It should be noted that the interest rate of the EUR saving account is continuously decreasing, but this is a financial fact that we cannot influence. Thanks to the relatively large amount on the account, we were able to realize the income which was planned. Bank charges are also levied on a regular basis for the ICA credit card, but it is felt that the existence of this facility is more economical and useful than currency transactions (the travel tickets for officers' travel can be easily bought by credit card and they do not have to pay it themselves and wait for the reimbursement).

The President and the Secretary-General and Treasurer setup a "four-eye policy" in all ICA issues (including the financial issues). All expenditures were checked and approved by both of us in advance (in case of request on higher expenses for commission workshops we also asked the Executive Committee's approval), so we have never faced unexpected expenditures. We finally agreed on having only one ICA credit card (based on the experience of the

previous period where both the President and the Secretary-General and Treasurer had an ICA credit card, but the President had very infrequently used that), which was used by the Secretary-General and Treasurer.



The financial term of the previous period ended on 30 April 2011 (but originally 30 June 2011 was planned). Luckily, thanks to the good working cooperation with the accounting company, we were able to close this term at the end of June 2015 (practically on 2 July taking into consideration the dates of the bi-weekly bank statements), so the budget report includes altogether 50 months (from 1 June 2011 to 2 July 2015). The accounting company was able to complete the draft of their full term report on 2 Aug 2015. The honorary auditors got all financial documents in digital form soon after the end of the financial term (15 July 2015), and the draft of the full term report has also been submitted to the elected auditors. The professional accounting company explored in inconsistency in the accounting method:

*Please be informed that although the ICA would have been supposed to use the cash method of accounting (which means that transactions are accounted for as incurred both for the income and expenditure), I have found accrued expenses in the previous accounts that covered the period 2007 - 2011. That means that on the expenditure side certain transactions that were financially settled after 30 April 2011 but were considered to relate to the reported period 2007 - 2011 were accrued and reported as such in the financial statements. The same was not carried out on the income side, whereas income was recognized as and when received by the ICA.*

*The consequence of the above is that I had to release these accruals, which resulted in the decrease of related expenditure category totals for years 2011 and 2012. Practically a portion of the expenditures financially settled in 2011 and 2012 was already reported as expenditure in the 2007 - 2011 accounts (by using the accrual method of accounting). The total effect is 19,899 EUR.*

*For the present and attached accounts I have not made any accruals because my professional opinion is that this would be inappropriate for ICA.*

*In the accounting policies of ICA there is currently no statement above the policy applied for expenditures. On the income side the cash method is clearly indicated.*

*I would suggest that the accounting policies are amended with the inclusion of the following statement: "The financial statements are prepared under the historical cost convention using the cash method of accounting." This would then apply to both income and expenditure.*

*A last consideration that derives from the above is that the currently attached version of the accounts is inconsistent:*

- *Income is reported based on the cash method of accounting for both the actual and the previous period.*
- *Expenditure for the actual period is reported based on the cash method, but for the comparative previous period was reported based on the accrual method.*

*This inconsistency could be resolved by restating the comparative period numbers as if the cash method was applied to expenditures too. If this was done, the expenditures of the 2007 - 2011 period would decrease by the accrued amount of 19,899 EUR, hence the surplus (i.e. the difference between total income and total expenditure) would increase by the same amount. On the other side the total expenditure and surplus for the 2011 - 2015 period would decrease with the same amount.*

### Details of the budget 2011-2015

<i>All values in euros</i>		2011	2012	2013	2014	2015	2011-2015 total	%
<b>INCOME</b>	<b>budget</b>							
national members fees	120 000	9 834,88	33608,25	37700,34	34972,71	32114,13	148230,31	123,53%
affiliate members fees	50 000	2 204,88	13603,48	22070,32	15897,74	10488,7	64265,12	128,53%
sales of publications	8 000	39,71	12636,35	3637,87	3136,08	9367,05	28817,06	360,21%
interests on investments	8 000	0	2280,74	2396,85	2110,22	1558,71	8346,52	104,33%
<b>TOTAL</b>	<b>186 000</b>	<b>12079,47</b>	<b>62128,82</b>	<b>65805,38</b>	<b>56116,75</b>	<b>53528,59</b>	<b>249659,01</b>	<b>134,23%</b>
<b>EXPENDITURES</b>	<b>budget</b>							
offices and travel	80 000	15713,95	22067,6	24352,04	16838,14	21200,08	100171,81	125,21%
commissions & w.groups	55 000	1289,49	7490,91	9027,92	6537,09	4503,25	28848,66	52,45%
publications	20 000	22,63	2655,41	2343,93	3059,79	2489,44	10571,20	52,86%
Solidarity Fund	30 000	0	0	4206,16	3622,67	0	7828,83	26,10%
miscellaneous	5 000	0	300	719,43	0,00	0,00	1019,43	20,39%
<b>TOTAL</b>	<b>190 000</b>	<b>17026,07</b>	<b>32513,92</b>	<b>40649,48</b>	<b>30057,69</b>	<b>28192,77</b>	<b>148439,93</b>	<b>78,13%</b>



---

**Income (actual to 2 July 2015: €249,659.01; budgeted: €186,000)**

- **Membership fees:** the figure indicated in the account at the end of this report - € 249,659.01 – does not include a number of national and affiliate members who have not yet paid their 2015 subscription. I was successful in collecting some considerable arrears in this period; probably this is the main reason why both on national and affiliate members subscriptions the final number is exceeded the 120% of the planned budget.

Several nations have **not paid** any subscriptions in 2011-2015, and the cancelation of membership of these 7 national members is proposed (Peru is a special issue, where the national member organization officially declared that due to financial difficulties they want to cancel their membership). This equates to approximately €8,000 Euros in lost revenue, but this is really theoretical, because we had no contact with these "sleeping" countries for a very long time. There are two additional affiliate members which are not operating any longer (checked and approved by our relevant national member) and we had no contact with them in this period.

In 2011, the General Assembly voted on withdrawing the voting right of 12 countries. Eight of them are proposed to cancel their membership. The Executive Committee suggests withdrawing the voting right for 4 additional countries and reinstate the voting right of 3 countries. One of the countries partly paid its arrears, so we do not suggest withdrawing their membership, but we do not suggest reinstating their voting right.

There is one negative tendency I have to mention. We got membership application mostly for affiliate membership, which were not sustainable. After the Executive Committee provisionally approved the membership application, the new member has not paid the subscription and has not answered to any message. As these members did not fulfil the criteria of a member, we will not submit their application for final approval to the General Assembly.

So most of our national members can be considered as 'in good standing' and we are grateful to those countries which have paid on a regular basis. We continue to receive subscriptions from our generous affiliate members also, and these funds support the work of the ICA.

- **Publications revenue:** Income from royalties has benefited from a few recent publications, which attract a good rate of revenue. The difference between the budgeted value and the reality (3.6 times higher income) was the result of the new contact with Springer, which guarantees a flat sum after each published Springer book: also the royalty of on-line sales of papers was increased. The outstanding years were 2012, when Elsevier occasionally transferred unexpectedly high royalty to the ICA, and 2015, when we first got financial contribution from Taylor and Francis to publish our journal (but most of this income will be expended soon in the next term). Currently, this is the less predictable item of the income section.

- 
- **Interest:** the large amount of money in the savings account has resulted in interest revenue being maintained. Interest rates are on a downward trajectory, so we will have definitely less income on interest in the future.

**Expenditures (as of 2 July 2015: €148,439.93; budgeted: €190,000)**

- **Costs** for the three main office holders were not kept below budget, despite their ability to call on funds other than ICA. Despite this fact, I am grateful to the President and Past-President for their modest claims on the ICA budget (we did not even spend for the Past-President as he was able to cover his costs for participating in JBGIS meetings from other sources); they have never travelled on business class flights, at least not on ICA's cost. The ICA President's and the Secretary-General and Treasurer's travels were also sometimes covered by their home institutes or project grants.

The main reason of the higher expenditures on this item are the following:

- We tried to increase our outreach activities and the President complied these invitations even in more remote countries to increase the visibility of the ICA and attract potential new members.
- We have increased our activities in large international scientific bodies (especially ICSU, where our membership status was increased to a union level, which also means higher membership fee), but we financially supported some other joint activities (JBGIS, FOSS4G).
- The website maintenance cannot be managed on a voluntary basis any longer.
- The International Map Year project was not originally planned in the proposed budget in 2011.
- The bank costs are continuously increasing.
- I have not got any financial support from the Hungarian national member and my university, so all mailing, phoning, printing and similar office costs should be paid by the ICA.

Other travel and meeting costs covered the main Executive Committee meetings, including the annual honoraria paid to vice-presidents, but also some other meetings (several face-to-face meetings between the President and the Secretary-General and Treasurer, but thanks to the geographical vicinity of Budapest and Vienna, the cost of a one-day visit was not more than 35 EUR on average).

Office costs include accounting costs, translation fees, expenses related to the ICA bank, postage and printing costs, website fees (both IT background and content management), and the costs of assisting with the ICA conferences.

- 
- **Commissions and Working Groups:** Of the budgeted €55,000 only a little bit more than one half was actually used (but most of the pre-ICC 2015 workshop costs were paid and will be paid after 2 July 2015). The ICA Executive Committee decided not to allocate certain budget to each commission, but all commissions can apply for support for their projects. This was also communicated with the commission chairs in e-mail and at the joint Executive Committee+commission chairs meeting in November 2011. The more successful the projects and events are, the more support the commissions can get. The financial support of each commission was available in a summary table of the internal section of the ICA website, which was accessible for the commission chairs. I also have to mention that the main reason of discontinuing 4 ICA commissions out of the 28 is that they did not have activities, so they did not even ask for financial support.

Insufficient claims were made on the Treasurer to use these funds fully, and Commission and Working Group chairs should be continually encouraged to make use of the budgeted amount available to them. Our policy during the period 2011-2015 has been to be as flexible as possible, within the ICA guidelines, in meeting the costs incurred by Commissions. In the past, Commission budgets were solely used for costs of publication and hiring meeting rooms. During 2011-2015, we were able to support other activities, including website development, catering at Commission and Working Group meetings, a very limited contribution to travel for the Commission or Working Group chair, and liaison with related organisations. The decisions on these requests were made by the Treasurers (four-eye policy), but in case of requesting higher amount of financial support we asked the opinion and vote of the whole Executive Committee. If I remember well, we refused only two requests: we have not supported an outreach activity because the topic was much closer to the domain of our sister societies; and we approved a smaller amount of financial support for a commission workshop.

- **Publications expenditure:** ICA has an excellent arrangement for production of *ICA News*, which makes use of lower costs of printing and posting in Hong Kong. This item also includes the desktop publishing costs of our newsletter and from 2015 this will also include the honoraria of the International Journal of Cartography editor(s). This item is also visible on the Income section.
- **Solidarity fund:** The maintenance of the Travel Award (which was re-structured to ICA Research Scholarship after ICC 2013 based on the President's suggestion, which was approved by the Executive Committee). This scheme is a vital part of ICA activity. Four awards were made for Dresden 2013, and 5 have been made for Rio de Janeiro 2015. The expenditures of ICC 2015 Research Scholarship is not listed in this report, because the financial contributions will be paid only in Rio de Janeiro. As the 2007-2011 EC recommended that the Solidarity Fund also be used to support workshops in the Third World, the recent EC accepted this recommendation and supported such activities in various parts of the world (like in Rwanda, Uganda, Tonga, Caribbean).

- 
- The item **Miscellaneous** is mainly constituted to a very few unclassifiable expenditures (which is really difficult to predict in advance).

Checking the summary table and the above mentioned detailed, it is clear that the ICA is in a healthy financial position. However, this position is not only because Commissions and Working Groups, the main working parts of the ICA, are not claiming their full budgeted amounts from ICA funds, but mostly because our members paid their subscriptions and supported financially our activities. As the amount claimed is often directly proportional to the work done by the group, it will be a priority of the EC 2015-2019 to ensure that the amount being spent by Commissions and Working Groups is increased. In addition, it should be noted that ICA's tax-free status is dependent on following the rules of the Swedish Tax Authorities. In the last two years we had to fight for keeping this position, but thanks to Bengt Rystedt, our former President we saved our tax-free status.

The ICA Executive Committee discussed the financial status of the organization at every meeting. We discussed the membership fee, but finally we have not suggested an increase for the next period (except slight adjustment of the subscription of a few countries). We suggest the new EC creating an ad-hoc Working Group on revising the membership fee table and making a suggestion for the next General Assembly.

Our organisation should not be regularly accumulating surpluses, and it is expected that we spend the majority of our revenue on our developmental activities. It is important that we continue to support our Commissions and Working Groups, increase the profile of our Solidarity Fund (including Outreach Activities), and engage in more collaborative activity (especially in ICSU, JBGIS and UNGGIM) in the international scientific community to ensure that we meet such targets.

In the next term we can afford to our special project, the International Map Year and we have enough reserve to support our new journal if it becomes necessary.

*Budapest, 13 August 2015*

---

## Honorary Auditors' report

### *International Cartographic Association*



### *Association Cartographique Internationale*

*Président – President*

**Georg Gartner**  
Institute of Geoinformation and Cartography  
Technical University Vienna 1040 VIENNA  
Autriche Austria  
e-mail: [georg.gartner@tuwien.ac.at](mailto:georg.gartner@tuwien.ac.at)

*Secrétaire Général et Trésorier – Secretary-General and Treasurer*

**Laszlo Zentai**  
Department of Cartography and Geoinformatics  
Eotvos Lorand University H-1518 BUDAPEST, Pf 32nd  
Hongrie Hungary  
e-mail: [lzentai@caesar.elte.hu](mailto:lzentai@caesar.elte.hu)

*Vice-présidents – Vice Presidents*

**Derek Clarke** Afrique du Sud – South Africa  
**Menno-Jan Kraak** Pays Bas – Netherlands  
**Sukendra Martha** Indonésie – Indonesia  
**Paulo Menezes** Brésil - Brazil  
**Anne Ruas** France – France  
**Timothy Trainor** États-Unis – United States of America  
**Liu Yaolin** Chine – China

*Président-sortant – Past President*

**William Cartwright** Australie – Australia

Website: <http://www.ICACT.org>

### **Statement of the ICA Honorary Auditors**

Ohio State University, Geography Department, August 11, 2015

We have reviewed and analyzed the ICA financial records for the June 1, 2011 to July 2, 2015 ICA period since the General Assembly in Paris sent to us by ICA Secretary General Laszlo Zentai.

We have also reviewed the professional auditing report and cover letter by the QLICONS Consulting and Service LLC.

We have reviewed all four years of the ICA financial spreadsheets and associated records. We have sampled a number of specific financial items in those records, and they appear to be well documented.

We agree with the 2011-15 Auditing Report by the Hungarian accounting firm and their recommendations.

We appreciate the work of the Secretary General to modernize the ICA financial records.

Respectfully submitted,

Signed by the ICA Honorary Auditors

Harold Moellering  
Honorary Auditor  
United States

Subbaro Swarna Rao  
Honorary Auditor  
India

## Appendix 5

Nom de la Commission <i>ancien nom de la commission</i>	Commission proposé	President proposé 2015-19
Art et cartographie	Canada	Sébastien Caquard
Atlas	Suisse	René Sieber
Carte (ou cartographie) topographiques	Royaume-Uni	Alexander Kent
Cartes et graphiques pour les personnes aveugles et malvoyantes	Chili	Alejandra Coll
Cartographie des montagnes	Slovénie	Dušan Petrovič
Cartographie et enfants	Brésil	Carla Sena
Cartographie et internet	États-Unis d'Amérique	Rex Cammack
Cartographie omniprésente	Japon	Masatoshi Arikawa
Cartographie planétaire	Hongrie	Henrik Hargitai
Cartographie pour l'alerte et la gestion de crise	République Tchèque	Milan Konecný
Conception cartographique	Royaume-Uni	Kenneth Field
Éducation et formation	Royaume-Uni	David Fairbairn
Généralisation et Représentation Multiple	Allemagne	Dirk Burghardt
Histoire de la cartographie	États-Unis d'Amérique	Imre Josef Demhardt
La cartographie orientée-Capteurs <del>Cartographie par télédétection</del>	Canada	Jonathan Li
LBS, services basés sur la localisation	Chine	Haosheng Huang
L'usage, l'utilisateur, et l'utilisabilité <del>Utilisateurs et usages</del>	Belgique	Kristien Ooms
Modélisation et analyse géospatiales	États-Unis d'Amérique	Xiaobai Angela Yao
Patrimoine Cartographique et Numérisation <del>Technologies numériques dans l'héritage cartographique</del>	Grèce	Evangelos Livieratos
Production de cartes et géo-business	Afrique du Sud	Peter Schmitz
Projections cartographiques	Croatie	Miljenko Lapaine
SDI et Standards <del>Normes et infrastructures de géo-information</del>	Afrique du Sud	Serena Coetzee
SIG et développement durable	Russie	Vladimir Tikunov
Technologies géospatiales open source	Brésil	Silvana Comboim
Toponymes	Brésil	Paulo Menezes
Visual Analytic <del>Géovisualisation</del>	États-Unis d'Amérique	Anthony Robinson
Visualisation cognitive	Australie	Amy Griffin

### Art et cartographie

- Explorez les dimensions artistiques de la cartographie. La notion d'art en cartographie dépasse la dimension esthétique. Explorer l'interaction entre les arts au sens large et de la cartographie doit amener à réfléchir au développement de nouvelles formes d'expressions spatiales. Cela implique notamment d'élaborer une approche inclusive ouverte aux diverses formes expressions artistiques en cartographie; de faciliter et d'encourager l'interaction entre les cartographes qui s'intéressent aux dimensions artistiques en cartographie et des artistes qui produisent des artefacts cartographiques; et de développer une réflexion plus conceptuelle sur les relations profondes qu'entretiennent l'art et de la cartographie.
- Faciliter l'interdisciplinaire au niveau des idées et des pratiques. Cartographes, artistes, étudiants et chercheurs en sciences humaines ont besoin de travailler de manière

---

collaborative afin de redéfinir les contours des relations entre les arts et la cartographie. Une approche véritablement interdisciplinaire nécessite la mise en place de mesures spéciales, telles que l'élaboration d'un langage commun et une compréhension mutuelle; la promotion de pratiques cartographiques hybrides; et la diversification des activités favorisant les échanges (ex. organisation d'ateliers, de conférences publiques, participation à des festivals).

- Produire des savoirs et des artefacts cartographiques originaux et les diffuser sous différentes formes à destination d'un public académique (ex. publication de numéros spéciaux de revues, édition d'ouvrages collectifs), mais aussi d'un public beaucoup plus large (ex. billets de blogs, installations, projections, performances, expositions).

### **Atlas**

- Promouvoir et soutenir la conception, la production et l'utilisation des différentes sortes d'atlas en format imprimé et numérique (par ex. atlas nationaux, régionaux, urbains, éducatifs, topographiques et thématiques).
- Revoir le concept des atlas.
- Organiser des ateliers scientifiques pour identifier et résoudre des difficultés et investiguer de nouvelles approches dans le domaine la cartographie des atlas.
- Produire des publications qui représentent l'état le plus récent des connaissances et les problèmes potentiels dans le domaine des atlas.
- Produire un manuel pour la planification, la conception et la production d'atlas numériques.
- Élaborer et maintenir à jour un inventaire électronique des atlas contenant les principales caractéristiques de ces atlas ainsi que d'autres liens pertinents.
- Maintenir un site web de la commission des atlas visant à permettre l'échange d'informations entre ses membres et à diffuser des informations sur ses activités à un public plus large.

### **Patrimoine Cartographique et Numérisation**

- Élaboration et promotion de la question des écosystèmes du patrimoine cartographique et de l'héritage de la carto-diversité\* dans le contexte de leur numérisation.

\* *Carto-diversité (cartes multiformes): cartes manuscrites et imprimées -feuilles reliées/non reliées- des livres avec des cartes, des atlas, globes et des représentations cartographiques en 2D et 3D, représentée sur divers matériaux (par exemple parchemin, papier, bois ou autre support inscriptible/gravé).*

- Avancer sur les méthodologies, les techniques et les normes adaptées à la numérisation appropriée en 2D et 3D de cartodiversité, notamment pour les phases de scannage, de traitement, de visualisation et de transfert.
- Avancer sur les méthodes de géoréférencement et sur l'application d'outils d'analyse sur la recherche comparative concernant le contenu géométrique et le contenu thématique des cartes-multiformes. Avancer sur la définition et l'utilisation des métadonnées des cartes multiformes.
- Coopération et interaction avec les intervenants de la cartodiversité dans le contexte des GLAM (galeries, bibliothèques, archives, musées).
- Évaluation et reconstruction des services web de diffusion du patrimoine cartographique.

- 
- Mettre en relation les services web de patrimoine cartographique avec les sciences humaines.
  - Documentation de l'ouvrage de référence réalisée par la Commission de l'ACI sur les technologies numériques dans le patrimoine cartographique dans la période 2006-2015.

### **Cartographie et enfants**

- Disséminer les résultats de recherche sur l'utilisation de cartes par les enfants et les jeunes. Livrable: une bibliographie fournie en ligne et des liens sur la cartographie et les enfants.
- Développer des liens plus forts entre l'ACI et les organisations internationales et régionales en liens avec la cartographie et les enfants. Livrable: être en contact avec la commission de la formation en géographie de l'UGI (Union Géographique Internationale) et d'autres organisations internationales ou régionales.
- Stimuler des débats sur les différents aspects relatifs à la cartographie pour les enfants dans l'objectif de collecter et de publier les résultats de recherche (au format papier et numérique). Livrable: Représenter la commission lors d'événements et de publication sur ce sujet.
- Suivre la promotion de l'utilisation de solutions cartographiques web pour la géovisualisation de données à l'école ou l'université en coopération avec d'autres commissions de l'ACI comme la commission sur l'enseignement et la formation et sur les technologies OpenSource, en incluant l'utilisation de logiciels SIG à l'école. Livrable: Représenter la commission lors d'événements et de publication sur ce sujet.
- Apporter de l'aide au bureau exécutif de l'ACI en relation avec le jury ou d'autres tâches pour le prix Barbara Petchenik. Livrable: apporter autant d'aide que demandé.

### **Cartographie pour l'alerte et la gestion de crise**

- Contribuer à la composante cartographique pour la réduction du risque, la gestion de crise et l'alerte au travers des cartes d'aléa, de risque et de vulnérabilité par le développement de concepts, l'ontologisation et la standardisation (par exemple le développement de nouvelles méthodes pour extraire automatiquement des métadonnées à partir de données existantes).
- Faire valoir et souligner l'importance de la communication cartographique pour l'alerte et la gestion de crises et de catastrophes, tel que l'utilisation d'images spatiales et d'autres données géospatiales, en incluant les concepts de données participatives (VGI) et de SIG participatif s (PPGIS), les conditions psychologiques des utilisateurs, la modélisation cartographique de l'état de l'art des technologies de la visualisation, les processus géospatiaux et les outils d'édition, la visualisation cartographique dynamique et en temps réel pour mettre en valeur les activités opérationnelles d'alerte par une collaboration riche avec les autorités gouvernementales.
- Participer et contribuer aux initiatives globales sur l'alerte et la gestion de crise via la maintenance du site web, les newsletters et les réseaux sociaux; et établir et cultiver les réseaux professionnels pour l'échange d'informations entre acteurs du domaine de l'alerte et de la gestion de crise.
- Préparer un ouvrage contemporain sur la cartographie pour la réduction des risques.
- Intensifier les coopérations avec les initiatives et organisations autour des risques tels que l'UN-ISDE, ICSU-IRDR et les organisations régionales et les relations autour de la



---

géomatiques telles que GEO, GEOS, COPERNICUS, ISDE, IEAS, CODATA et les organisations du réseau JB-GIS.

- Rester en relation avec le réseau international des conférences en lien avec la commission et promouvoir la coopération avec les organisations sus-nommées à un niveau international, régional et local.

### **Visualisation cognitive**

- Promouvoir la sensibilisation aux questions de cognition en cartographie, en développant la théorie et les pratiques centrées utilisateur, en utilisant des résultats empiriques sur l'utilisation d'interfaces cartographiques pour le raisonnement spatio-temporel et la prise de décision.
- Avec les Commissions Géovisualisation, Use and User Issues, et Map Design, développer et publier un agenda de recherche mettant en avant les défis importants de la recherche en cartographie interactive que nous devons relever conjointement.
- Définir des objectifs court et moyen termes qui rentrent dans le cadre de cet agenda de recherche et traitent des questions clés.
- Construction d'une base théorique de connaissances pouvant servir de socle à la conception et l'usage d'interfaces de géovisualisation, interfaces adéquates en termes cognitifs, et saillantes en termes perceptifs.
- Encourager la collaboration interdisciplinaire et internationale avec les disciplines connexes, incluant les autres commissions ICA et les groupes de travail.

### **Éducation et formation**

- Promouvoir et proposer des ateliers (et des alternatives d'apprentissage en ligne), en collaboration avec d'autres commissions de l'ACI, incluant, notamment, le transfert de connaissances aux pays en voie de développement et membres de l'ACI.
- Maintenir un dossier de cours d'enseignement à tous les niveaux qui inclut la cartographie, avec un accent sur l'expérience des nations membres de l'ACI qui ont été couronnées de succès dans le développement de l'éducation cartographique ces dernières années.
- Décrire les références des cours *ad hoc* (notamment ceux livrés en ligne, présentés dans le commerce, ou des cours de perfectionnement professionnel) et leurs concepteurs / diffuseurs, pour confirmer l'étendue de l'éducation cartographique.
- Explorer les possibilités de développer un socle de connaissances (Body of Knowledge, BoK) pour la cartographie, qui pourrait être utilisé pour développer des programmes éducatifs contemporains et encourager la création de modules cartographiques spécifiques avec les résultats d'apprentissage valables et viables.
- Examiner le rôle de l'accréditation des cours de formation par les organismes professionnels et faire un rapport sur la formalisation des qualifications en cartographie.
- Travailler vers les objectifs globaux de l'ACI: à long terme, comme indiqué dans les statuts, à court terme comme pour l'Année Internationale de la Carte (International Map Year, IMY), et en cours notamment en contribuant à la nouvelle revue internationale de la Cartographie (International Journal of Cartography, IJC) et aux conférences de l'ACI.
- Travailler avec d'autres commissions de l'ACI, avec les comités sur l'éducation des sociétés sœurs au sein de la JBGIS, et avec d'autres organismes internationaux, dont l'ONU-GGIM.

---

### **Généralisation et Représentation Multiple**

- Promouvoir la recherche et les mises en application pratiques sur les questions liées au multi-échelle et à la généralisation automatique, et constituer un réseau et un point de ralliement pour les chercheurs et autres professionnels de ce domaine.
- Créer et entretenir des relations avec les commissions et groupes de travail ayant un lien avec ces sujets au sein de l'ACI et d'autres associations nationales et internationales (e.g. l'ISPRS, l'IGU, EuroSDR), ce qui inclut:
  - l'identification de contacts,
  - l'information mutuelle régulière quant aux activités prévues,
  - la co-organisation de sessions de conférences et/ou d'ateliers scientifiques.
- Gérer un site web dédié à la dissémination numérique des travaux de recherche sur les questions liées au multi-échelles et à la généralisation automatique, et incluant:
  - une liste des membres de la Commission,
  - une base de données bibliographique,
  - des exemples de travaux de recherche et de jeux de données tests,
  - des pointeurs vers des sites web liés au sujet,
  - et (de manière optionnelle) une liste de discussion électronique.
- Organiser des sessions et des réunions de travail pour explorer les questions listées ci-dessus, et notamment:
  - un atelier scientifique tous les deux ans conjointement à la conférence ICC organisée par l'ACI,
  - des sessions dédiées et/ou des panels lors de la conférence ICC, en collaboration avec son comité d'organisation.
- Produire des publications pour faire connaître les actions décrites ci-dessus, dont un numéro spécial d'une revue scientifique avec comité de lecture ou un livre tous les deux ans.

### **Modélisation et analyse géospatiales**

- soutenir la communauté de recherche sur l'analyse spatiale, la modélisation et la fouille de données en lien avec la géovisualisation et le domaine de la visualisation scientifique (visual analytics):
  - développer et maintenir une base de données des membres et une liste de mails pour la dissémination des informations
  - développer et maintenir un site web pour les actualités et pour partager des informations
  - organiser des événements pour les membres de la commission pour partager des idées et des résultats de recherche;
- développer et maintenir des relations et unir nos efforts avec les autres commissions ainsi qu'avec les autres organisations ou universités travaillant en GeoScience sur la thématique de la commission:
  - organiser des sessions spéciales et des workshops à la conférence ICC et dans d'autres conférences en géomatique
  - collaborer avec des commissions de l'ACI et d'autres associations pour organiser des workshops en commun;
- encourager un travail collectif pour l'identification de nouveaux sujets de recherche sur l'analyse et la modélisation sur le sujet des données ayant une composante spatiale et issues de média sociaux ainsi que sur d'autres gros volumes de données (Big Data);

- 
- publier les résultats de recherche à travers différents médias scientifiques tels que des numéros spéciaux de journaux, en particulier le journal international de Cartographie (IJC).

### **SIG et développement durable**

- Produire une structure méthodologique pour les composantes SIG et Cartographiques du développement durable.
- Organiser des événements (dont la présentation de projets, des conférences InterCarto/InterGIS ) et des conférences en particulier qui rassembleront des experts intéressés par le développement durable.
- Organiser des workshops régionaux et des écoles d'été en SIG et en Cartographie pour des projets autour du développement durable.
- Mettre à disposition une équipe de travail performante pour organiser les conférences, les écoles avec les organisations et commissions sœurs telles que la Commission SIG de l'UGI, CODATA (la commission ICSU sur les données pour la science et les technologies), Digital Earth; UNIGIS, ENVIROINFO, etc.
- Documenter et publier les résultats sur les bonnes pratiques, les actes de conférence, les guides en GeoInformatique et toute contribution au développement durable. Créer un nouveau journal sous la responsabilité de la commission.
- Encourager et soutenir l'engagement d'étudiants en cartographie dans les activités de la commission.

### **Histoire de la cartographie**

- Promouvoir la recherche et la publication scolaire de l'histoire de la cartographie dans tous ces aspects mais avec une attention particulière sur les 19<sup>ème</sup> et 20<sup>ème</sup> siècles et sur l'impact des innovations technologiques.
- Etudier l'évolution du rôle des cartes dans le monde, en tant que documents cartographiques de l'histoire (et non comme document historique).
- Investiguer et développer un *Monumenta Cartographica Moderna* comme base d'une série d'ouvrages et de bases de données des principales réalisations de cartes régionales aux 19<sup>ème</sup> et 20<sup>ème</sup> siècles.
- Organiser des réunions et des ateliers en liens avec la conférence de l'ICC et autres symposiums internationaux.
- Promouvoir l'esprit de coopération au sein de l'ACI (avec les autres commissions) et au sein d'autres sociétés et institutions.
- Maintenir un site web pour faciliter les contacts entre chercheurs et faciliter l'accès à des ressources et de la littérature auprès de notre communauté ainsi qu'auprès d'un public plus large.

### **LBS, services basés sur la localisation**

- Promouvoir les recherches sur les services basés sur la localisation (LBS) dans toutes ses branches interdisciplinaires.
- Définir des objectifs de recherche à court et moyen termes qui traitent les principaux défis associés aux LBS tels que le positionnement, la modélisation, les communications de géoinformations contextuelles, de préférence via l'usage de cartes ; les enjeux sociaux et

---

ceux liés à la vie privée, dans l'objectif de faciliter les activités quotidiennes des utilisateurs et les prises de décision à composantes spatiales.

- Organiser des sessions à la conférence ICC, des workshops et des conférences internationales sur le LBS afin de susciter des rencontres et des échanges entre collègues venant d'autres disciplines, notamment des partages de connaissance, d'expériences, d'idées permettant l'amélioration des LBS et des réflexions sur leurs impacts sur la science et la société.
- Publier des travaux et résultats sur les LBS sous la forme de rapports, d'ouvrages et de numéro spéciaux dans un journal scientifique.
- Encourager l'interdisciplinarité et les collaborations internationales avec des disciplines connexes et des acteurs pertinents dont les autres commissions de l'ACI, les autres communautés scientifiques (telles que celles de l'ISPRS, FIG, IAG).

### **Conception cartographique**

- Conceptualisation du rôle de la conception cartographique et ses relations avec la recherche.
- Maintenir, étendre et améliorer le contenu du site web et nos participations aux différentes plateformes d'échanges.
- Poursuivre l'initiative MapCarte et développer ce contenu dans un ouvrage.
- Préparer un ouvrage de référence qui explore les interfaces entre la cartographie, le graphisme et le traitement graphique de l'information.
- Avoir un rôle principal dans l'organisation du jury de l'exposition cartographique aux conférences ICC.

### **Production de cartes et géo-business**

- Renforcer les études sur la production de cartes, les processus managériaux associés, la logistique de l'information géographique et le géo-business.
- Encourager des recherches sur l'impact des méthodes de communication actuelles sur la production de cartes, les modèles économiques, le management du changement et le Design Thinking.
- Encourager des recherches sur l'impact des services orientés architectures et des nouvelles technologies sur la production de cartes, leur édition et leur archivage.
- Encourager la collaboration internationale sur l'étude de la production de cartes et la gestion de données géographiques avec une attention particulière sur le fait de rapprocher la recherche, les organisations gouvernementales et le secteur commercial.
- Participer et contribuer aux activités portées par l'ACI (ex: autres commissions de l'ACI, les organisations cartographiques nationales, les NGO, les entreprises, l'URISA, etc.).
- Etudier les applications aux pays en développement
- Publier les résultats dans le Journal International de Cartographie et le soutenir pour les relectures.

### **Projections cartographiques**

- Promouvoir et encourager la recherche sur les projections cartographiques, les systèmes de coordonnées, les transformations et conversions et diffuser les résultats obtenus.  
Résultat attendu: un meilleur ensemble d'outils bibliographiques en ligne et des liens Internet sur les projections cartographiques, systèmes de coordonnées, transformations et

---

conversions en utilisant le wiki établi par la Commission Projections Cartographiques (Commission on Map Projections – CoMP).

- Un projet phare: Créer le matériau sur Internet, structuré comme un guide, sur les logiciels capables de gérer les projections cartographiques et conversions des systèmes de coordonnées, en sollicitant les avis des tous les pays et tous les CoMP membres.
- Organiser des sessions et réunions au moins une fois par an, afin de stimuler un débat sur tous les aspects des projections cartographiques, en vue de rassembler et publier les résultats de recherche et promouvoir l'Année Internationale de la Cartographie. Résultat attendu: un ensemble de papiers scientifiques portant sur des cas spécifiques dans le domaine des projections cartographiques préparés pour numéro spécial de International Journal of Cartography, aussi qu'une participation active à toutes les Conférences Internationales de la Cartographie organisées par ICA.
- Promouvoir l'utilisation correcte des projections cartographiques à tous les niveaux pédagogiques. Résultat attendu: une publication (e-book) contenant l'approche recommandée sur les projections cartographiques selon les niveaux pédagogiques.
- Étudier la terminologie concernant les projections cartographiques et préparer un dictionnaire en ligne multilingue, dédié à ce domaine de la cartographie. Il y a beaucoup des questions ouvertes dans ce domaine telles que la définition de l'aspect de la projection cartographique, l'utilisation d'une méthode de surface auxiliaire, la notion des erreurs et leurs liens avec les déformations des projections cartographique, etc. Résultat attendu: Un dictionnaire en forme d'un glossaire en ligne sur les projections cartographiques, les systèmes de coordonnées, les transformations et conversions. Il sera réalisé après la discussion entre les membres de CoMP et d'autres liés à wiki.
- Fournir un appui consultatif relatif aux projections cartographiques. Résultat attendu: un soutien approprié tel que requis.

### **Cartes et graphiques pour les personnes aveugles et malvoyantes**

- Maintenir un réseau des contacts comme celui établi précédemment et l'enrichir à l'occasion des conférences ICC de 2015, 2017 et 2019.
- Maintenir la newsletter de la commission avec une fréquence minimale de 1 par an.
- Encourager les personnes de la commission à soumettre des articles à publier le site de l'ACI ou sur la newsletter, avec comme objectif au moins deux publications avec autorisation de distribution sur le site web de la commission.
- Réaliser des activités au commun avec la commission sur les cartographies et les enfants pour partager des expériences et enrichir, adapter et construire un potentiel de connaissance géo-cartographiques sur les différentes formes d'expressions multi-sensorielles.
- Participation active aux activités sur l'année de la cartographie (IMY) sur les années 2015 et 2016 ([www.internationalmapyear.org](http://www.internationalmapyear.org)).
- Préparation d'un ouvrage sur la cartographie tactile.
- Encourager la publication d'articles dans des journaux appropriés.

### **Cartographie et internet**

- Développer des connaissances pointues sur la diffusion de cartes et de données spatiales via les réseaux de données distribuées. Livrable: des articles de journaux et des pages web.

- 
- Etudier les tendances de l'usage des cartes internet afin de mieux répondre aux besoins utilisateurs dans un environnement multiplateformes. Livrable: rapport oral ou écrit.
  - Etudier la dynamique du changement de nature de la cartographie internet par rapport aux services orienté-cartographie (SOM) et aux API pour la distribution sur Internet. Livrable: rapport oral ou écrit.
  - Etudier l'utilisation des nouvelles technologies de cartographie internet pour les interactions sociales et l'autonomisation des cartes en ligne. Livrable: rapport oral ou écrit.
  - Etudier les différences dans l'application/ l'utilisation de cartes internet dans les différentes parties du monde. Livrable: rapport oral ou écrit.
  - Encourager les cartes internet qui défendent les perspectives multinationales et multiculturelles. Livrables: guides oral ou écrit.
  - Etudier la construction internationale d'un kit pour les cartes Internet qui défendent les perspectives multinationales et multiculturelles. Livrable: rapport oral ou écrit.
  - Promouvoir les enseignements sur la cartographie internet à travers des collaborations et la coordination avec des agences de recherche et de cartographie. Livrable: Matériels utilisables pendant des workshops.

### **Cartographie des montagnes**

- Définir le domaine de la cartographie des montagnes et promouvoir les méthodes et connaissances sur la cartographie des montagnes aux jeunes scientifiques et aux professionnels de la cartographie et domaines connectes.
- Produire un site web à jour et plaisant, avec les informations sur les activités de la commission, les liens vers d'autres événements, des connaissances thématiques spécifiques, d'autres sites web et des informations bibliographiques.
- Débattre de différentes questions sur la cartographie des montagnes et sur les représentations cartographiques associées dans la cartographie topographique à grande échelle - comme par exemple les similarités et différences au niveau de la symbolisation et de la conception cartographique - les questions technologiques ; l'usage des cartes ; les liens avec le LBS.
- Continuer la série de workshops.
- Promouvoir les activités de publication (actes, actes-web, articles de journaux, numéros spéciaux) et les activités de recherche collaboratives.

### **Technologies géospatiales open source**

- Continuer à maintenir le site web pour l'échange de connaissance, d'actualités et d'information sur le développement de technologies open source pour le géospatial.
- Contribuer aux autres objectifs de l'ACI tels que le développement de matériels pour des formations ou des programmes de renforcement des compétences.
- Maintenir un groupe de discussion mail et une base de données des individus travaillant sur le sujet et ayant une expertise en SIG OpenSource, en données libres pour stimuler l'échange d'informations.
- Produire une publication importante sur les technologies open source du géospatial soit sous la forme d'un numéro spécial, soit sous la forme d'un ouvrage.
- Participer et contribuer à d'autres workshops et séminaires organisés par des représentants d'autres disciplines ou d'autres commissions de l'ACI.

- 
- Etre le contact principal de l'ACI pour élargir le succès de projets phares de cette commission, l'initiative ICA-OSGeoLabs et Geo4All et contribuer à se développer en coordination avec le bureau exécutif de l'ACI.
  - Contribution aux activités liées à l'année de la cartographie (IMY).

### **Cartographie planétaire**

- Renforcer la formation et les activités de sensibilisation du public à travers une série de cartes multilingues des planètes telluriques et de leurs satellites ainsi que des produits dérivés.
- Développer des ressources en ligne sur le sujet de la cartographie planétaire faite par les professionnels (base de données, symbolisation, types de relief) incluant la participation des projets sur la cartographie des planètes et sur la nomenclature et les indexes géographiques.
- Ecrire ouvrage ou un chapitre d'ouvrage sur la cartographie planétaire pour les chercheurs et étudiants universitaires.
- Maintenir le site web de la commission, la page facebook et la base de données internationale de la cartographie des planètes.

### **SDI et Standards**

- En collaboration avec les autres commissions de l'ACI, examiner l'impact et l'utilisation des SDI dans les domaines de la cartographie, des standards, de la sémantique spatiale, des ontologies, de l'information géographique participative (VGI), de la qualité des données, des globes virtuels et d'autres développements techniques qui peuvent devenir pertinents à l'avenir et identifier les besoins en formation qui en découlent.
- Continuer le travail pour étendre, améliorer et appliquer les modèles conceptuels des SDI en utilisant différentes techniques de modélisation dans le domaine des sciences, des technologies et des standards.
- En collaboration avec d'autres commissions de l'ACI participer au bon niveau scientifique avec d'autres organisations actives dans le domaine des SDI, des standards et de la qualité des données géospatiales et des services.
- Proposer des articles, des présentations en conférences et de journaux sur nos travaux et aider à l'organisation de workshops ou de conférences sur les SDI et les standards, et présenter des tutoriaux.
- Une ou plusieurs des activités citées précédemment seront dédiées à l'Année de la Cartographie (IMY) pour souligner la nécessité d'un développement durable des infrastructures d'informations géographiques.
- Organiser les séances de présentation des activités de la commission pour les conférences ICC2017 et ICC2019.
- Organiser des réunions plénières de la commission en 2016, 2017, 2018 et 2019 et des réunions plus restreintes à l'occasion de conférences ou de réunions.
- Continuer d'être l'instance de liaison entre l'ACI et l'ISO/TC211 sur la composante Information géographiques, géomatique, et entre l'ACI et l'association GSDI (Global Spatial Data Infrastructure), ainsi que d'autres organismes de standardisation.

### **La cartographie orientée-Capteurs**

- 
- Promouvoir les recherches et les pratiques autour de l'utilisation d'images et d'un ensemble de données acquises par différents de capteurs cartographiques avec un focus sur la gestion de gros volumes de données (Big Data), l'extraction d'informations cartographiques, la reconstruction 3D d'environnements, l'intégration de la cartographie indoor avec les BIM.
  - Mettre en réseau les cartographes avec les chercheurs et praticiens de la photogrammétrie et de la télédétection ainsi que des chercheurs en informatique impliqués dans la cartographie orientée-capteurs.
  - Développer des liens plus forts avec l'ISPRS, l'IAG, la FIG, et les sociétés de l'IEEE ainsi qu'avec les autres commissions de l'ACI qui partagent un intérêt sur la cartographie orientée-capteurs pour organiser des workshops ou des symposium en commun sur la période 2015-2019.
  - Publier un numéro spécial dans le journal international de cartographie et d'autres journaux ainsi que des ouvrages et des rapports.
  - Promouvoir le transfert de connaissance à un niveau de base et avancé sur les technologies de cartographie orientée capteurs pour les environnements construits et naturels, pour les systèmes d'alerte et pour l'atténuation des catastrophes naturelles.
  - Préparer des éléments de promotion s'appuyant sur les termes de référence et les activités de la commission qui pourront être utilisés lors de la participation de l'ACI à différents forums (World Map, Map Middle East, réunions du JBGIS (joint board of Geospatial Information Societies), réunions UN et autres conférences.

### **Carte (ou cartographie) topographiques**

- Proposer un forum pour ceux pour qui le premier objectif est la conception, la production et l'utilisation de cartes topographiques et des produits géospatial associés ; informer les organisations cartographiques nationales sur la façon dont elles peuvent mieux répondre aux besoins de leurs utilisateurs dans un contexte de changement de méthodes de production et de diffusion (par exemple de géoportails à la carte à la demande).
- Identifier les meilleures pratiques dans l'évaluation des besoins nationaux des cartes topographiques (incluant les bases de données topographiques pour dériver des produits tels que les cartes géologiques ou les cartes de planification d'urgence) et comment cela impacte sur leur conception et vice versa.
- Travailler en partenariat avec d'autres commissions de l'ACI (Atlas, conception cartographique ; usage et usabilité, production cartographique) pour organiser et participer à des événements commun, en particulier dans l'objectif de partager des résultats ou questions de recherche sur la conception et la production de cartes topographiques et leurs usages.
- Collaborer avec la commission de l'éducation et la formation pour identifier les besoins d'une organisation de cartographie nationale en matière d'éducation et de formation cartographique et chercher des moyens pour répondre à ces besoins de façon effective, en se basant sur les expertises existantes au sein de cette commission et d'autres commissions.
- S'engager auprès des organisations cartographiques nationales qui ne sont pas encore membres de l'ICA par le biais de sensibilisation et d'invitation à des workshops, de partage de résultats de recherche publiés, et d'explications des bénéfices à être membre de l'ACI.



- 
- Organiser et accueillir une conférence sur le style cartographique des cartes topographiques, notamment en analysant comment les organisations cartographiques nationales pourraient préserver, développer et maintenir leur identité à travers la cartographie existante et émergente et publier les actes dans un journal de international de cartographie.
  - Initialiser et publier une série d'articles dans un journal international de cartographie, chaque article proposant une analyse par un expert de la conception cartographique et du contenu de cartes topographiques d'un pays.
  - Créer, développer et maintenir le site web de la commission en y intégrant la liste des sites web des organisations cartographiques nationales pour faciliter l'accès pour les chercheurs et la mise en réseau.
  - Organiser des sessions lors des conférences ICC2017 et ICC2019 centrés sur les derniers résultats de recherche en relation avec la carte topographique et assurer une large publication et diffusion des résultats.

### **Toponymes**

- Agir en lien avec l'UGI pour encourager les recherches géographiques et cartographiques qui concernent la toponymie.
- Diffuser les connaissances scientifiques sur le traitement et l'utilisation de toponymes en géographie et en cartographie.
- Vérifier l'usage des concepts toponymiques dans les autres sciences telles que l'anthropologie, la linguistique ou autre, qui peuvent apporter un plus à la cartographie ou la géographie.
- Maintenir un contact et des échanges avec l'UNGEGN et l'ICOS par exemple en co-organisant des événements.
- Soutenir et encourager la conception et la publication d'index (gazetteer), des fichiers de toponymes et des systèmes de références toponymiques (tels que EuroGeoNames).
- Co-organiser avec l'UGI des événements régionaux (workshop, symposium ou autres) avec les membres des 2 commissions.
- Participer aux conférences régionales et mondiales l'ACI et de l'UGI.
- Organiser et maintenir un site web pour faciliter les contacts entre chercheurs dans le domaine de la toponymie et diffuser le matériel et la littérature disponibles à la communauté et à un plus large public.
- Organiser et publier des ouvrages, des chapitres et encourager la publication de papiers dans des journaux spécialisés et dans le journal International de Cartographie (IJC).

### **Cartographie omniprésente**

- Situer la notion de carte ubiquitaire dans le domaine de la théorie de la cartographie, basée sur les interactions des cartes du monde réel et des services de cartographie sensible au contexte et basé sur les TIC (Technologies de l'information et des télécommunications). Etudier (1) la carte primaire qui fait lien entre les geomédia (dans l'espace réel, graphique ou du langage) et l'humain (espace cognitif) et (2) la carte secondaire ou à base de TIC qui fait lien entre les geomédia (dans l'espace réel, graphique ou du langage) et les bases de données géographiques.
- Développer une théorie de l'évolution cartographique dans un environnement socio-culturel compatible TIC: (1) clarifier les similitudes et les différences en comparer les

---

systemes afin d'établir un schéma d'évaluation (2) détecter les facteurs significatifs tels que l'ubiquité ou l'égoïsme pour l'évolution de la cartographie dans les TIC et (3) créer un diagramme arborescent de l'évolution cartographique représentant la sélection naturelle des cartes dans le passé, le présent et le futur en fonction des services de cartographie ubiquitaire basés sur les TIC et l'environnement socio-culturel dans les différentes régions et pays.

- Organiser des workshops régionaux qui incluent l'observation de sites pour appréhender les situations actuelles de la cartographie ubiquitaire. En particulier cette commission se focalisera sur la culture contemporaine Est Asiatique, par exemple sur les styles visuels, ou les narrations adaptées à différents types d'utilisateurs en cartographie. Ceci est très important pour un centre économique en croissance et clarifie les différences régionales entre les situations occidentales et orientales de la cartographie. Nous allons étudier la diversité et la cohérence dans l'évolution de la cartographie dans le monde. Nous allons aussi produire des publications sur la cartographie pour un environnement digital ubiquitaire.

### **L'usage, l'utilisateur, et l'utilisabilité**

- Mettre à jour et maintenir le site Internet ([www.univie.ac.at/icamuse](http://www.univie.ac.at/icamuse)) pour le partage des connaissances, des actualités et informations sur l'usage, l'utilisateur, et l'utilisabilité dans le traitement et la diffusion des informations géographiques et cartographiques et des sujets associés. L'utilisabilité est identifié comme l'un des 10 principaux mots-clés dans l'Agenda de Recherche de l'ACI et est défini ici comme: une série de problèmes qui relie l'utilisateur humain de données spatiales avec leurs représentations, leurs traitements, leur modélisation et leurs analyses.
- Remplir et Maintenir une base de données bibliographiques en ligne sur l'usage, l'utilisateur et l'utilisabilité dans la cartographie et des sujets associés. La bibliographie contient des références sur les sujets suivants: Etudes de capacités des utilisateurs et leurs différences; Etudes de cas à partir de cartes imprimées, cartes web ou cartes mobiles; Conception d'interfaces utilisateur à base des cartes (UI) et d'expériences utilisateur (UX); Ingénierie de l'utilisabilité et Conception centrée utilisateur appliquée à la conception de cartes; Méthodes et techniques pour l'évaluation des produits; Utilisation des technologies cartographiques émergentes . L'importance de ces sous-thèmes est en outre illustrée dans l'Agenda de recherche de l'ACI.
- Synthétiser la base de données bibliographiques dans un papier scientifique pour le journal de l'ACI 'International Journal of Cartography' en y incluant un programme finalisé de la recherche sur la carte sa l'utilisation, les utilisateurs, et l'utilisabilité pour la cartographie.
- Générer une ressource en ligne donnant un aperçu sur les méthodes et techniques de l'utilisabilité, incluant les FAQ: pourquoi / quand utilise-t-on ces techniques, les aspects de la conception d'expériences et des conseils pour l'analyse.
- Organiser des sessions spéciales sur l'utilisation, les utilisateurs, et l'utilisabilité des cartes lors des prochaines conférences de l'ACI ainsi que d'autres conférences régionales sur la cartographie et ses sujets connexes. Par ce canal, les contributions scientifiques originales peuvent être recueillies et communiquées.
- Organiser des ateliers de formation pour les non-spécialistes sur l'utilisation, l'utilisateur, et les problèmes d'utilisation dans la cartographie et des domaines connexes. Les matériaux de formation qui en résultent seront disponibles sur le site Web de la commission.

- 
- Organiser conjointement un numéro spécial avec autre commissions de l'ACI pour la revue International Journal of Cartography 'de l'ACI.
  - Participer / contribuer aux autres ateliers / séminaires organisés par les représentants d'autres disciplines (par ex. interface homme-machine, Géographie, GIScience) ou par d'autres commissions ou groupes de travail de l'ACI.
  - Impliquer les jeunes chercheurs (3e cycle) et des chercheurs des cultures différentes dans toutes les activités de la commission pour promouvoir la recherche scientifique et les soutenir dans leurs activités.

### **Visual Analytic**

- Développer un nouvel agenda de recherche pour l'analyse visuelle qui couple les enjeux scientifiques et sociétaux clés en collaboration avec d'autres commissions de l'ACI.
- Diffuser de façon active les avancées techniques et méthodologiques dans le domaine de l'analyse visuelle cartographique à travers des workshops, séminaires et publications scientifiques en liens avec d'autres commissions et d'autres organisations dans ce domaine.
- Organiser des réunions annuelles pour développer la recherche dans les domaines thématiques clés en partenariat avec des conférences internationales et les autres commissions de l'ACI pour élargir notre portée au delà des lieux et du public traditionnels.
- Maintenir un site web spécifique et s'engager avec les membres de la commission à travers les réseaux sociaux à valoriser les activités de la commission et à promouvoir la participation en allant plus loin que les réunions présentielle grâce à des nouvelles formes de collaboration à distance.

Commission name <i>former commission name</i>	Nominated by	Suggested chair 2015-19
Art and Cartography	Canada	Sébastien Caquard
Atlases	Switzerland	René Sieber
Cartographic Heritage into the Digital <i>Digital Technologies in Cartographic Heritage</i>	Greece	Evangelos Livieratos
Cartography and Children	Brazil	Carla Sena
Cartography in Early Warning and Crisis Management	Czech Rep.	Milan Konečný
Cognitive Issues in Geographic Information Visualization <i>Cognitive Visualization</i>	Australia	Amy Griffin
Education and Training	United Kingdom	David Fairbairn
Generalisation and Multiple Representations	Germany	Dirk Burghardt
Geospatial Analysis and Modeling	USA	Xiaobai Angela Yao
GI for Sustainability	Russia	Vladimir Tikunov
the History of Cartography	USA	Imre Josef Demhardt
Location Based Services	China	Haosheng Huang
Map Design	United Kingdom	Kenneth Field
Map Production and Geoinformation Management <i>Map Production and Geo-business</i>	South Africa	Peter Schmitz
Map Projections	Croatia	Miljenko Lapaine
Maps and Graphics for Blind and Partially Sighted People	Chile	Alejandra Coll
Maps and the Internet	USA	Rex Cammack
Mountain Cartography	Slovenia	Dušan Petrovič
Open Source Geospatial Technologies	Brazil	Silvana Comboim
Planetary Cartography	Hungary	Henrik Hargitai
SDI and Standards <i>Geoinformation Infrastructures and Standards</i>	South Africa	Serena Coetzee
Sensor-driven mapping <i>Mapping from Remote Sensor Imagery</i>	Canada	Jonathan Li
Topographic Mapping	United Kingdom	Alexander Kent
Toponymy	Brazil	Paulo Menezes
Ubiquitous Mapping	Japan	Masatoshi Arikawa
Use, User and Usability Issues <i>Use and User Issues</i>	Belgium	Kristien Ooms
Visual Analytics <i>Geovisualization</i>	USA	Anthony Robinson

### Art and Cartography

- Explore the art element of cartography. Exploring the interaction at large between art and cartography involves rethinking the way we approach spatial expressions. This entails: developing an inclusive approach of artistic mapping expressions; facilitating and encouraging interaction between cartographers who work with the Art aspects of cartography and artists who produce cartographic artifacts; and developing conceptual elements about the relationships between art and cartography.

- 
- Facilitate interdisciplinary cross-fertilisation of ideas and practices. Cartographers, artists, students, researchers from the humanities need to work collaboratively in order to revisit the relationships between arts and cartography. Real interdisciplinary activities call for special measures, such as developing a common language and a mutual understanding; promoting the development of hybrid cartographic practices; and supporting the diversification of activities that enable exchanges and interactions (e.g. workshops, festivals, performances).
  - Produce knowledge and new forms of cartographic expression and disseminate them to both an academic audience (e.g. publication of special issues and edited collections) and to the general public (e.g. blog posts, screenings, exhibitions, public talks).

### **Atlases**

- Promote and support the design, production and use of all kind of printed and digital atlases (e.g. national, regional, city, educational, topographic and thematic atlases).
- Update the concept of Atlas
- Conduct workshops to discuss and solve relevant issues and new approaches in atlas cartography.
- Generate publications that represent state-of-the-art and potential atlas issues.
- Produce a cookbook for planning, design and production of digital atlases.
- Elaborate and maintain an electronic inventory of atlases containing the main characteristics of these map works as well as relevant links.
- Maintain a commission website aiming to provide for information exchange between CoA commission members and disseminating information on activities in this field to a wider public.

### **Cartographic Heritage into the Digital**

- Elaboration and promotion of the issue of Cartographic Heritage Ecosystems and of cartodiversity\* legacy embedded into the Digital.
- \* Cartodiversity: manuscript and printed maps -loose and/or bound-, books with maps, map atlases, globes and related cartographic representations in 2D and 3D, depicted in a variety of supporting material like e.g. parchment, paper, wood or other writable/engrivable media.*
- Addressing methodologies, techniques and standards for proper 2- and 3-D digitization of cartodiversity in terms of image capturing, processing, visualization and transfer.
  - Addressing georeferencing and applying analytical tools on the comparative research concerning the geometric and thematic content of cartodiversity. The issue and use of cartodiversity metadata.
  - Cooperation and interaction with cartodiversity stakeholders in the context of GLAM (Galleries, Libraries, Archives, Museums).
  - Evaluation and remodeling of web-based providers of cartographic heritage assets.
  - Linking the Cartographic Heritage digital assets with Digital Humanities.
  - Documentation of the reference work carried out by the ICA Commission on Digital Technologies in Cartographic Heritage in the period 2006-2015.

### **Cartography and Children**

- 
- Disseminating the outcomes of research on map use by children and young people. Deliverable: an enhanced set of online bibliography and web links on cartography and children.
  - Developing stronger links between the ICA and relevant international and regional organizations related to Cartography and Children. Deliverable: following the contacts with the Commission for Geography Education of the International Geographical Union and other international/regional organizations.
  - Stimulating a debate on the different aspects of cartography for children in interest of collecting and publishing (in digital or/and printed format) the research results. Deliverable: representing the commission in events and publications related to this theme.
  - Following the promotion of the use of web-based cartographic solutions for the geovisualization of data in School Cartography in cooperation with other ICA Commission such as the Education and Training and Open Source Geospatial Technologies, including the use of GIS software in schools. Deliverable: representing the commission in events and publications related to this theme.
  - Providing support to the ICA Executive in relation to the rules, judging and other tasks related to the Barbara Petchenik Children's World Map Competition. Deliverable: appropriate support as required.

### **Cartography in Early Warning and Crisis Management**

- Contributing in the mapping aspects of the development of concepts, ontologization and standardization (developing new e.g. for automatic metadata extraction from existing data) for disaster risk reduction (DRR), crises/disaster management (DRM), and early warning (EW) through the hazard, risk and vulnerability mapping.
- Emphasize aspects of cartographic communication in the context of early warning and disaster management such as the use of remotely sensed and other geospatial data, including concepts of Volunteer Geographic Information (VGI) and Public participation Geographic Information Systems (PPGIS), psychological conditions of users, cartographic modelling of state-of-the-art visualization technologies, geospatial processing and publishing tools, dynamic and real-time cartographic visualization for enhanced operational early warning activities through active collaboration with governmental authorities.
- Participate and contribute to global initiatives in early warning and crisis management through the maintenance of a website, newsletters and social network channels and establish and cultivate professional networks for exchange of information among stakeholders in the domains of crisis management and early warning.
- Prepare concept of a contemporary book on Cartography for DRR.
- Develop cooperation with world leading initiatives and organizations in DRR efforts, such as UN-ISDE, ICSU-IRDR and regional organizations, further GEO, GEOS, COPERNICUS, ISDE, IEAS, CODATA and sister organizations in JB GIS.
- Keep world network of commission conferences and promote cooperation with above mentioned organizations and initiatives in international, regional and local levels.

### **Cognitive Issues in Geographic Information Visualization**

- 
- Promote the awareness of cognitive issues in cartography, developing human-centered cartographic theory and practice based on sound empirical findings on the use of cartographic displays for spatiotemporal inference and decision-making.
  - In conjunction with the *Commission on Geovisualization, Commission on Use and User Issues, and Commission on Map Design*, develop and publish a research agenda for that outlines major research challenges for interactive cartography that we should work towards addressing as a community.
  - Define short and medium term research goals that fall within the scope of this research agenda and that address key issues associated with building a sound theoretical base to support the construction and use of cognitively adequate and perceptually salient visual displays of geographic information.
  - Encourage interdisciplinary and international collaboration with cognate disciplines and relevant stakeholders, including other ICA commissions and working groups.

### **Education and Training**

- To promote and deliver workshops (and online, eLearning alternatives), possibly in conjunction with other ICA Commissions, introducing, in particular, knowledge transfer to developing member nations of ICA.
- To maintain a record of educational courses at all levels which include cartography, with an emphasis on learning from those ICA member nations which have been successful in expanding cartographic education in recent years.
- To record ad hoc courses (notably those delivered online, commercially presented, or professional development courses) and their creators/deliverers, to confirm the scope of cartographic education.
- To explore the possibilities of developing a Body of Knowledge (BoK) for cartography, which could be used for developing contemporary educational programmes and encouraging the creation of specific cartographic modules with valid and viable learning outcomes.
- To examine the role of accreditation of educational courses by professional bodies and to report on the formalisation of cartography qualifications.
- To work towards the overall aims of ICA: long term as indicated in the Statutes, shorter term such as International Map Year, and ongoing including contributing to the new International Journal of Cartography and to International Cartographic Conferences.
- To work with other ICA Commissions, with committees on education of sister societies within the JBGIS, and with other international bodies including UN-GGIM.

### **Generalisation and Multiple Representations**

- To foster research and practical experience in multi-scale issues and automated map generalisation and to form a network and focal point for researchers and practitioners in this domain.
- To foster and maintain a liaison with related commissions and working groups within the ICA as well as in related national and international organisations (e.g. ISPRS, IGU, EuroSDR), including:
  - identification of contact persons
  - timely mutual updating on planned activities
  - organisation of joint conference sessions and/or workshops

- 
- To maintain a World Wide Web site for electronic dissemination of research on multiscale issues and map generalisation, including:
    - a membership database,
    - a bibliographic database,
    - examples of research projects and test data,
    - links to related web sites,
    - and (optionally) an electronic discussion list.
  - To organise sessions and meetings for exploring the issues named above, including:
    - workshops held every two years in conjunction with international cartographic conferences
    - special sessions and/or panel sessions at international cartographic conferences, in collaboration with local organisers
  - To produce publications for dissemination of the above efforts, including one special issue of a peer-reviewed scientific journal or a book every two years.

### **Geospatial Analysis and Modeling**

- foster a research community on spatial analysis, modeling, and data mining, with strong links to geovisualization and visual analytics;
  - develop and maintain a membership database and a mailing list for dissemination of information
  - develop and maintain a commission website for news updates and share of information
  - organize academic events for community members to share ideas and research findings
- develop and maintain connections and joint efforts with other ICA commissions as well as other related GIScience and geographic academic organizations
  - organize special sessions and workshops at ICC as well as other GIScience or geography conferences,
  - collaborate with commissions within ICA or other academic associations to organize joint workshops on topics of shared interest
- encourage concerted efforts on new research topics related to the analysis and modeling of emerging location-based social media data and other big data;
- edit and publish research findings through various academic publication outlets, such as special issues on journals, particularly the new *International Journal of Cartography*.

### **GI for Sustainability**

- To produce a methodological structure for GIS and cartographic basis of sustainable development.
- To organize events (including presentations of projects, holding InterCarto/InterGIS conferences etc.) and hold conferences in particular that will bring together different experts interested in the sustainable development.
- To organize regional workshops and summer-schools on GIS and cartography for developing projects in Sustainable Development.
- To provide the connections and performance of teamwork, holding conferences, schools with the adjacent organizations - the IGU Commission on Geographical Information



---

Sciences, CODATA (ICSU Committee on Data for Science and Technology), Digital Earth, UNIGIS, ENVIROINFO etc.

- To document and publish best practice results, proceedings of conferences, textbooks on geoinformatics, and contributions to sustainable development. To publish a new magazine Cartography under umbrella of GI&SD ICA commission.
- To encourage and support the involvement of student of cartography in the commission activities.

### **History of Cartography**

- Promote research and scholarly publication on the history of cartography in all of its aspects but with special consideration to the 19th and 20th centuries and the impact of technological innovations.
- Examine the changing role of maps worldwide as cartographical (as opposed to historical) documents in history.
- Investigate and develop Monumenta Cartographica Moderna as a framework for a book series and database to analyse major achievements of regional cartography in 19th and 20th centuries
- Hold annual meetings, alternatingly as Workshops in conjunction with the International Cartographic Conference and as International Symposia.
- Promote the spirit of co-operation both within ICA (sister commissions and working groups) and beyond to related societies and institutions.
- Maintain a website to facilitate contact between researchers in the field and make source material and literature available to the community and the general public alike.

### **Location Based Services**

- Promote research on Location-based Services (LBS) in all its interdisciplinary aspects.
- Define short and medium term research goals that address major challenges associated with LBS, such as positioning, modelling, communicating context-based geoinformation preferably through maps, privacy and social issues, with the aim to facilitate users' daily activities and decision-making in space.
- Organise ICC sessions, workshops and international conferences on LBS for colleagues from various disciplines to meet, interact and exchange knowledge, experience, plans and ideas on how LBS can and could be improved and on how it will influence both science and society.
- Publish LBS-related reports, books and special issues with scientific journals.
- Maintain a commission website and update it regularly to allow commission members to exchange information, as well as to disseminate information on activities in this field to a wider public.
- Foster interdisciplinary and international collaboration with cognate disciplines and relevant stakeholders, including other ICA commissions and working groups, and other allied research communities (e.g., ISPRS, FIG, IAG).

### **Map Design**

- Conceptualization on the role of design – link to research
- To maintain, expand and improve the content on our web site and across our various social media platforms;

- 
- To add to the MapCarte initiative and develop the content into a book;
  - To prepare a major book that explores the interface of cartography, graphic and information design;
  - To take a leading role in the organization of the jury of cartographic exhibitions at ICA conferences

### **Map Production and Geoinformation Management**

- Enhance the study on map production- and process management, geoinformation logistics and geobusiness;
- Research on the impact of modern communication methods on map production, business models, change management and design thinking;
- Research the impact of Service Oriented Architectures and future technologies on Map-Production, Publishing and Archiving.
- Research the methods of Service-Oriented Mapping maturity evaluation and SOMAP management.
- Encourage international collaboration on the study of map production and geoinformation management with particular emphasis on bridging research, government and commercial sectors;
- Participate and contribute to activities of other relevant ICA interest groups (e.g. relevant ICA Commissions, National Mapping Organisations, NGO's, Enterprises, URISA).
- The applications thereof in Developing Countries.
- Publications in and support of the International Journal of Cartography

### **Map Projections**

- Promote and foster research on map projections, coordinate systems, transformations and conversions, and disseminate the research outcomes. *Expected result:* an enhanced set of online bibliographic tools and web links on map projections, coordinate systems, transformations and conversions using a wiki established by Commission on Map Projections - CoMP.
- *A flagship project:* Create web-based material as a guide to software capable of dealing with map projections and coordinate system conversions, soliciting input from all countries and CoMP members.
- Organise sessions and meetings at least once a year to stimulate a debate on all aspects of map projections with the aims of collecting and publishing research results and promoting the International Map Year. *Expected result:* a collection of papers on case studies in map projections prepared for a special issue of the *International Journal of Cartography* as well as active participation in all International Cartographic Conferences organized by ICA.
- Promote proper use and understanding of map projections at all levels of education. *Expected result:* a publication (e-book) with a recommended approach to map projections at different levels of education.
- Study terminology on map projections and prepare an online multilingual dictionary for this area of cartography. There are many open questions in this field, such as the definition of map projection aspect, whether to use the auxiliary surface method, the notion of errors and their connection with map projection distortions, etc. *Expected result:* a dictionary in the form of an online glossary on map projections, coordinate systems, transformations

---

and conversions. It will be produced after discussions between CoMP members and others linked to the CoMP wiki.

- Provide consultative support in relation to map projections. Expected result: appropriate support as required.

### **Maps and Graphics for Blind and Partially Sighted People**

- Maintain the network of contacts that has been established in the previous Commission and bring in new contacts from the ICC events in 2015, 2017 and 2019.
- Maintain the digital newsletter of the Commission at a frequency of at least once a year.
- Encourage persons in the Commission to submit articles to be published on the ICA web site and/or the newsletter, to achieve at least two publications with authorization to be distributed and published through the Commission Web pages.
- Joint activities with the Commission on Cartography and Children, for the purpose of sharing experiences, adding to, adapting and building up the potential of geo-cartographic knowledge in the various forms of multi-sensory expression.
- Active participation of the Commission in the International Map Year 2015/16 ([www.internationalmapyear.org](http://www.internationalmapyear.org))
- Preparation of a book on tactile cartography.
- Encourage publication of papers in appropriate journals.

### **Maps and the Internet**

- Focus scholarship on the dissemination of maps and spatial data through distributed data networks. Product: Journal articles and web pages.
- Examine Internet map usage trends to better serve users in a multi-platform environment. Product: Oral or published reports.
- Examine the dynamically changing nature of Internet mapping, in regards to Service Oriented Mapping (SOM) and Application Programming Interfaces (API's) for Internet distribution. Product: Oral and published reports.
- Examine the use of new Internet mapping technologies for social interaction and empowerment with online maps. Product: Oral or published report.
- Examine differences in the application of Internet maps between different parts of the world. Product: Oral or published reports.
- Examine Internet maps through social media platforms. Product: Oral or published reports.
- Encourage Internet maps that support multinational and multicultural perspectives: Product: Oral and Published guidelines
- Examine an international construction kit for Internet maps that supports multinational and multicultural perspectives. Product: Oral and Published reports.
- Promote instruction on Internet mapping through collaboration / coordination with agencies for research and mapping. Product: Materials to be used in workshops.

### **Mountain Cartography**

- Define the topics of Mountain Cartography and promote the methods and knowledge of mountain cartography among scientists and professionals in cartography and related fields.

- 
- Provide an updated, attractive web-portal with information about Commission activities, links to other events, theme-specific knowledge, related web-sites and bibliographic information.
  - Discuss different issues about mountain cartography and map related representations in large scale topographic mapping, as similarity and differences in symbolization and map design, technological issues, maps use, connections to Location-based Services (LBS).
  - Continue the well-established workshop series.
  - Promote publication activities (proceedings, web-proceedings, journal articles and special issues) and common research activities.

### **Open Source Geospatial Technologies**

- Continue maintaining a website for the exchange of knowledge, news and information on the developments in open source geospatial technologies.
- Contribute to further instruments of ICA such as development of Open Education materials for educational and capacity building programmes.
- Maintain an email discussion group and database of individuals working on, or with expertise in, open source GIS, open data to stimulate exchange of information.
- Produce a major publication on Open Source Geospatial Technologies (either a special issue of a refereed journal or a text book).
- Organize sessions/hands on workshops on Open Source GIS at future ICA conferences.
- Participate in / contribute to other workshops / seminars organized by representatives of other disciplines or by other ICA Commissions / Working Groups.
- Be the main contact in ICA for expanding successful flagship projects of this Commission, the ICA-OSGeo Labs and the Geo4All initiative and will contribute to its expansion in close ongoing consultancy with the ICA Executive Committee.
- Contribute to the International Map Year activities.

### **Planetary Cartography**

- Strengthen Education and Public Outreach activities through the series of Multilingual Maps of Terrestrial Planets and their Moons and development of derived products
- Development of online resources in professional planetary cartography (databases, symbology, landform classes), including participation in Specialized Planetary Cartography GIS projects and Planetary Nomenclature / Gazetteer supplements
- Book or book chapter in planetary cartography related topics for use by researchers and university students
- Continuous updating of the Commission website, Facebook page and International Planetary Cartography Database.

### **SDI and Standards**

- In collaboration with other ICA Commissions, explore research on the impact and use in SDIs of cartography, standards, spatial semantics, ontologies, volunteered geographical information (VGI), data quality, virtual globes and other technological developments that might become relevant in future, and identify the associated education needs.
- Continue the work on extending, improving and applying conceptual models of SDI using various modelling techniques, working in the areas of science, technology and standards.

- 
- In collaboration with other ICA Commissions, participate at the scientific level with other organizations active in SDI, standards and quality of geospatial data and services.
  - Develop reports, conference presentations and/or journal articles on our work and help to arrange workshops, conferences or other meetings on SDI and standards, and present tutorials at them.
  - One or more of the above activities will specifically focus on the International Map Year's purpose of showing the necessity of the sustainable development of geographic information infrastructures.
  - Organize reporting sessions on the Commission's activities at the 2017 and 2019 International Cartographic Conferences.
  - Organize and hold full Commission meetings in 2016, 2017, 2018 and 2019, and mini-meetings of the Commission at suitable meetings and conferences.
  - Continue to serve as the liaison for the ICA to ISO/TC211, Geographic Information/Geomatics, the liaison for the ICA to the Global Spatial Data Infrastructure Association (GSDI), and establish liaisons with other SDI and standards organizations.

### **Sensor-driven Mapping**

- To promote the original and practical research in use of image and range data acquired by various sensors for mapping with a focus on spatial big data handling, cartographic information extraction, 3D reconstruction of built environments, integration of indoor mapping with BIM.
- To network cartographers with the researchers and practitioners in photogrammetry and remote sensing community, computer science community involved in sensor-driven mapping.
- To develop closer links with ISRPS, IAG, FIG, IEEE-societies, and other ICA commissions with similar interests in sensor-driven mapping to organize ICA workshops or joint symposia during 2015-2019.
- To publish special issues with the International Journal of Cartography and other related journals as well as books and reports.
- To promote knowledge transfer at fundamental and advanced levels on sensor-driven mapping technology to natural and built environments, early warning and natural disaster mitigation.
- Prepare promotional materials reflecting the Commission's terms of reference and activities that can be used to support ICA's presence at international forums (e.g., World Map, Map Middle East, meetings of the Joint Board of Geospatial Information Societies (JB GIS), UN meetings, and other regional conferences).

### **Topographic Mapping**

- Provide a forum for those whose primary focus is the design, production and use of topographic mapping and related geospatial data products, informing national mapping organisations on how they can better serve the interests of their users in an environment of changing methods of production and dissemination (e.g. from geoportals to print-on-demand)
- Establish best practice in assessing the national needs for topographic mapping (including topographic base data for deriving products such as geological and emergency planning maps) and how this impacts on their design and vice versa

- 
- Work in partnership with other ICA Commissions (e.g. Atlases, Map Design, Use and Usability, Map Production) to organise and participate in joint events – particularly with a view to sharing research on the design and production of topographic mapping and its use
  - Collaborate with the Commission on Education and Training to identify the cartographic educational and training requirements of national mapping organisations and seek ways to meet these effectively, drawing on existing expertise within this and other Commissions
  - Engage with the national mapping organisations of countries who are not yet members of ICA by outreach and invitation to Commission activities (particularly those involving other ICA Commissions, as mentioned above), effective sharing of published research, training, and explaining the wider benefits of ICA membership
  - Organise and host a conference focusing on the relevance of cartography to topographic mapping, focusing on how national mapping organisations can preserve, develop and assert their identity through the cartography of existing and new products, and to publish the associated papers in an international cartographic periodical
  - Initiate and publish a special series of ‘Survey’ articles in an international cartographic periodical, each of which providing an expert assessment of the design and content of topographic mapping on a national (or regional) basis
  - Create, develop and maintain a Commission website that incorporates an online listing of the websites and/or geoportals of national mapping organisations to facilitate access for research and networking
  - Organise sessions at the 2017 and 2019 ICA conferences that focus on presenting the latest research with regard to topographic mapping and pursue its publication and wider dissemination

### **Toponymy**

- To act jointly with IGU fostering the geographic and cartographic research on all fields involving toponymy;
- to disseminate the scientific knowledge on processing and use of toponyms within geography and cartography;
- to verify the use of other sciences' toponymy concepts, such as anthropology, linguistics and others, in favour of cartography and geography;
- to maintain contacts and scientific exchange with UNGEGN and ICOS, such as by organizing joint events;
- to support and encourage the elaboration and publication of gazetteers, toponymic data files and toponymic reference systems (such as EuroGeoNames);
- to organize regional joint IGU/ICA events (workshops, symposia and others) with IGU and ICA members;
- to participate in IGU and ICA Regional and Main Conferences;
- to organize and maintain a website to facilitate contact between researchers in the field of toponymy and disseminate source material and literature available to the community and the general public alike;
- to organize and publish books, chapters and encourage paper publishing in specialized journals and the International Journal of Cartography.

### **Ubiquitous Mapping**

- 
- Place the notion of Ubiquitous Mapping based on real-world map interaction and ICT-based context-aware mapping services in the domain of Theoretical Cartography; examining (1) Primal mapping between geomeia (real, graphic and language spaces) and human (cognitive space), and (2) Secondary or ICT-based mapping between geomeia (real, graphic and language spaces) and geodatabase.
  - Develop the theory of Map Evolution on ICT enabled socio-cultural environment, by (1) Clarifying similarity and difference in comparing variant systems to establish an evaluation scheme, (2) Revealing significant factors such as ubiquity and egocentrism for Map Evolution on ICT, and (3) Creating map evolutionary tree diagrams representing natural selection of maps in past, current and future according to real ICT-based ubiquitous mapping services and socio-cultural environment of different regions and countries.
  - Organize regional workshops including site observation to comprehend contemporary situation of ubiquitous mapping. Particularly, this commission focuses on East Asian modern cultures such as visual style and storytelling tailored for various user groups in Cartography, which is important as a growing economic-center and clarifies the regional differences between Eastern and Western situations of Cartography. We will investigate the diversity and soundness in the evolution of Cartography in the world. We will also create publications about Cartography for ubiquitous computing environments.

#### **Use, User and Usability Issues**

- Update and maintain a website for the exchange of knowledge, news, and information on use, users, and usability in cartography, geo-information processing, and related fields ([www.univie.ac.at/icacomuse](http://www.univie.ac.at/icacomuse)). Usability is identified as one of the 10 main keywords in the ICA's Research Agenda and herein defined as: a range of issues which connect the human user of spatial data with its representation, its processing, its modelling and its analysis.
- Maintain an online bibliographical database on use, user, and usability research in Cartography and related fields. The bibliography includes references on the following topics: studies of user abilities and differences therein; use case studies with print, web-based, and mobile maps; map-based user interfaces (UI) and user experience (UX) design; user-centred design and usability engineering, as applied to map design and development; methods and techniques for evaluating products; the use of emerging mapping technologies. The importance of these sub-topics is further illustrated in the ICA's Research Agenda.
- Synthesize the bibliographical database into a review paper for the ICA journal 'International Journal of Cartography' that includes a final research agenda on map use, users, and usability for Cartography.
- Generate an online overview resource on usability methods and techniques, including FAQ, why/when one would use the techniques, aspects of experiment design, and tips for analysis.
- Organize special sessions on map use, users, and usability at future ICA conferences as well as other regional conferences on Cartography and related topic. Through this channel, original scientific contributions can be gathered and communicated.
- Organize training workshops for non-specialists on use, user, and usability issues in Cartography and related fields. The resulting training materials will be made available on the commission's website.

- 
- Jointly organize a special journal issue with sibling ICA Commissions for ICAs ‘International Journal of Cartography’.
  - Participate in and contribute to workshops and seminars organized in other disciplines (e.g. Computer Science, Geography, GIScience) and by other ICA Commissions.
  - Involve young (PhD) researchers and researchers from different cultural environments in all Commission activities in order to promote scientific research and support them in their activities.

### **Visual Analytics**

- Developing a new research agenda for visual analytics in cartography that couples key scientific and societal challenges in collaboration with related ICA Commissions
- Actively disseminating technical and methodological advances in cartographic visual analytics through workshops, seminars, and peer-reviewed publications – with linkages to other ICA Commissions and allied organizations in other fields.
- Conducting annual meetings to develop research in key thematic areas, partnering with international conferences and other ICA commissions to expand our reach beyond traditional venues and audiences.
- Maintaining a dedicated web presence and engaging with members via social media to highlight Commission activities and promote participation beyond attendance at in-person meetings through new forms of distance collaboration.