



## **President's Report General Assembly July 2011, Paris**

### **Scope**

This report provides an overview of the activities of the International Cartographic Association for the period of 2007-2011. It covers general information related to Executive Committee meetings and undertakings, the structure of Commissions and Working Groups, adjunct committees, publications, communications, links with sister societies and international endeavours to advance the Association and its contributions to the international cartography and GI Science community specifically and to society in general.

### **Executive Committee 2007 - 2011**

At the Moscow 2007 General Assembly a new Executive was elected. The Executive comprises:

- William Cartwright, Australia – President;
- Georg Gartner, Austria - Vice President;
- Pablo Gran, Chile - Vice President (until 2010);
- Zhilin Li, China - Vice President;
- Anne Ruas, France - Vice President;
- Derek Clarke, South Africa - Vice President;
- Menno-Jan Kraak, The Netherlands - Vice President;
- Tim Trainor, United States of America - Vice President;
- David Fairbairn, United Kingdom - Secretary General & Treasurer; and
- Milan Konečný, Czech Republic –Past-President

The Executive Committee is pictured in the photograph in Figure 1.



Figure 1. 2007-2011 ICA Executive Committee. (Notes: Vice-President Tim Trainor is not in the photograph. Photograph includes ICA Newsletter Editor, Igor Drecki (second from right)).

## Executive Committee meetings

The Executive Committee met formally on seven occasions during 2007-2011. The locations and dates of the meetings are provided below:

- Moscow, Russia, August 2007
- Vienna, Austria, February 2008
- Santiago, Chile, November 2008
- Zürich, Switzerland, June 2009
- Santiago, Chile, November 2009
- Paris, France, July 2010
- Orlando, USA November 2010
- Paris, France, July 2011

The photograph in figure 2 was taken at the July 2010 Executive Committee meeting, IGN, Paris.



Figure 2. ICA Executive Committee, Paris, July 2010. (Clockwise from left – David Fairbairn, Georg Gartner, Zhilin Li, Anne Ruas, Tim Trainor, Menno-Jan Kraak, Pablo Gran. Out of picture – Derek Clarke and William Cartwright).  
Photograph: William Cartwright.

At the July 2010 Executive Committee meeting the Committee stood in silence to respect the memory of Jacques Bertin, Mannerfelt Gold Medal winner and eminent French and international cartographer, who had died earlier in the year.

As well as the formal EC meetings, a number of ad-hoc EC meetings were also held to advance documentation related to the development of ICA documentation. These were held at:

- London, UK, September 6-7, 2009
- Orlando, FL., USA, November 2010
- Seattle, WA, USA, April 2011

At the first Executive Committee meeting in Moscow (August 2007) responsibilities Executive Committee for liaison with ICA Commissions and Working Groups were assigned. These responsibilities are listed in the following paragraph.

### *Commissions*

Cartography and Children (Konečný); Digital technologies in cartographic heritage (Gartner); Education and Training (Fairbairn); Generalization and Multiple Representation (Ruas); Geospatial analysis and modeling (Li); History of Cartography (Gran); Management and Economics of Map Production (Clarke); Mapping from Satellite Imagery (Li); Map projections (Li); Maps and graphics for blind and partially sighted people (Fairbairn); Maps and Society (Trainor); Maps and the Internet (Gartner); Marine Cartography (Cartwright); Mountain

cartography (Kraak); National and regional atlases (Trainor); Planetary cartography (Gran); Geospatial data standards (Konečný); Theoretical cartography (Kraak); Ubiquitous mapping (Gartner); Underrepresented groups and cartography (Clarke); Use and User Issues (Fairbairn); Geovisualization (Kraak)

### *Working Groups*

Art and Cartography (Cartwright); Early Warning and Crisis Management (Konečný); Mapping Africa for Africa (Clarke).

### *Environments*

Responsibilities with regard to the ‘environments’ of ICA were also decided:

Science (including Research Agenda) (Kraak); Society (Trainor); Professional Practice (Gran); Education (Li); Art (Gartner). As well, further responsibilities were established for authoring the GIM magazine column (Fairbairn), managing the ICA 50th birthday celebration event (Ruas) and coordinating Workshops (Li).

The environment of ‘Art’ was added by this Executive Committee. The establishment of the Working Group on Art and Cartography formalized the activities of the Art environment. The first formal activity of the Working Group was a Symposium in Vienna, Austria, February 1 and 2, 2008. I was part of the Symposium organising team, with ICA Vice-President Georg Gartner (TU Wien) and Antje Lehn (University of Fine Art, Wien). TU Wien and the University of Fine Art, Wien were the venues for this first event of the Working Group. Some 70 papers, presentations and installations were made at the symposium.



Figure 3. Opening of the ICA Art and Cartography / Cartography and Art symposium, Vienna, Austria. From left ICA President William Cartwright, Antje Lehn, Symposium co-organiser and University of Fine Art, Wien official. Photograph: Marcus Jobst.



Figure 4. ICA President William Cartwright and Theoretical Cartography Commission Chair Alexander Wolodtschenko in discussions at the ICA Art and Cartography / Cartography and Art symposium, Vienna, Austria. Photograph: Marcus Jobst.

## **Strategic Plan**

The Executive Committee developed a new Strategic Plan for 2011-2019. This document further develops the 2003-2011 Strategic Plan that was adopted at the General Assembly held in Durban, South Africa in 2003. The Strategic Plan for 2003-2011 has been used to guide the activities of the Association for the past eight years. The new document aims to provide a set of guidelines for the management and development of the ICA over the next eight years. The 2007-2011 Executive Committee developed the 2011-2019 Strategic Plan, with inputs from Commission and Working Group Chairs and vice-Chairs. A group consisting of ICA Secretary-General & Treasurer David Fairbairn, former ICA Secretary-General & Treasurer Ferjan Ormeling, former ICA President Bengt Rystedt and former ICA President Michael Wood then reviewed the initial document.

The Executive Committee will present this 2011-2019 Strategic Plan for consideration and approval at the Association's 15th General Assembly, Paris, France, in July 2011. Once endorsed by delegates representing member nations at the General Assembly it will form the basis for developing plans for growing and advancing the Association.

## **Research Agenda on Cartography and GI Science**

The ICA Research Agenda builds on the plan developed by the last EC. It was endorsed at the Moscow 2007 General Assembly. The agenda specifies the areas of research activities that the ICA addresses, namely:

- Geographic Information;
- Metadata and SDIs;
- Geospatial Analysis and Modelling;
- Usability;
- Geovisualization, Visual Analytics;
- Map production;
- Cartographic Theory;
- History of Cartography and GI Science;
- Education; and
- Society.

The research agenda continues to guide the activities of the Commissions and Working Groups.

## **Awards Committee**

The Awards Committee is asked to review nominations for ICA awards and make recommendations to the Executive Committee. During the 2007-2011 term Ramon Lorenzo Martinez (Spain) chaired the ICA Awards Committee. Committee members were Elri Liebenberg (South Africa), Bob McMaster (USA), Miroslav Miksovskyto (Czech Republic) and Kira Shingareva (Russia). I would like to thank Ramon and the Awards Committee members for their work on behalf of ICA.

## **Auditors**

The Association was most fortunate to have the services of Hal Moellering (USA) and Nikolay Komedchikov (Russia) as honorary auditors. The Executive Committee thanks both colleagues for supporting the Association by providing this essential service.

## **Publications Committee**

The ICA promotes the generation of extensive publications, generally through its Commissions and Working Groups. This activity provides a focus for Commissions and Working Groups and allows for knowledge about advances in contemporary thinking and research to be disseminated. The publications include books, journals and the ICA Newsletter.

The publications committee plays an important role in the Association. It assures that relevant publishing ideas are advanced and formalized through books and related publications. Ferjan Ormeling (Netherlands) was the Chair of the Publications Committee. During the 2007-2011 term the publishing contract with Elsevier was terminated by mutual agreement and a new publishing contract signed with Springer. We acknowledge the long-standing contract that ICA had with Elsevier and thank the company for their involvement with Association publications. We look forward to a mutually rewarding partnership with Springer. (Two volumes of review stream papers from the ICC2011 Paris conference will be published by Springer, as part of the *Lecture Notes in Geoinformation and Cartography* Series, with special ICA imprint on the cover.

As well as the book publishing contract, the ICA has three affiliated journals: *Cartographica*, *CaGIS* and *The Cartographic Journal*. It is pleasing to note that special issues of *The Cartographic Journal* and *Cartographica* were produced for the Paris ICC, showcasing the best-



reviewed papers from the conference and showcasing the close collaboration that ICA has developed with these journals. We acknowledge the importance of having these journals as part of the ICA ‘family’ and thank the editors of the journals for their input into disseminating the work of ICA.

Secretary General / Treasurer David Fairbairn provides an article for each edition of *GIM magazine*. Along with sister society’s articles, the ICA’s profile is enhanced by having this publication outlet available.

## Newsletter

The Newsletter Editor is Igor Drecki, from New Zealand. The ICA publishes a Newsletter twice a year in both paper and .PDF formats. The newsletter is available via the ICA Web site at: (<http://cartography.tuwien.ac.at/ica/index.php/Newsletter/Newsletter>). A Spanish version of the ICA News is prepared by the Departamento de Ingenieria Topografica y Cartografia of the Polytechnic University of Madrid (<http://redgeomatica.rediris.es/ICA/index.html>). Of particular note is that a Special Edition of the newsletter was produced to commemorate the 50th anniversary of ICA in 2009. An image of the cover of this issue is shown in figure 5.



Figure 5. ICA News special issue produced to commemorate the 50th anniversary of ICA in 2009

## ICA Web site

The ICA Web site ([www.icaci.org](http://www.icaci.org)) was re-designed, enhanced and continually developed by Webmasters Felix Ortog (Austria) and Manuela Schmidt (Austria) from TU Vienna. TU Vienna hosted the ICA Web site. ICA wishes to thank Felix and Manuela for their tireless work that has made the ICA Web site a contemporary conduit of information about the Association and Cartography in general. We also wish to thank TU Vienna for supporting ICA by hosting the Web site and for allowing Felix and Manuela time release to develop and maintain this important communication system for the Association.

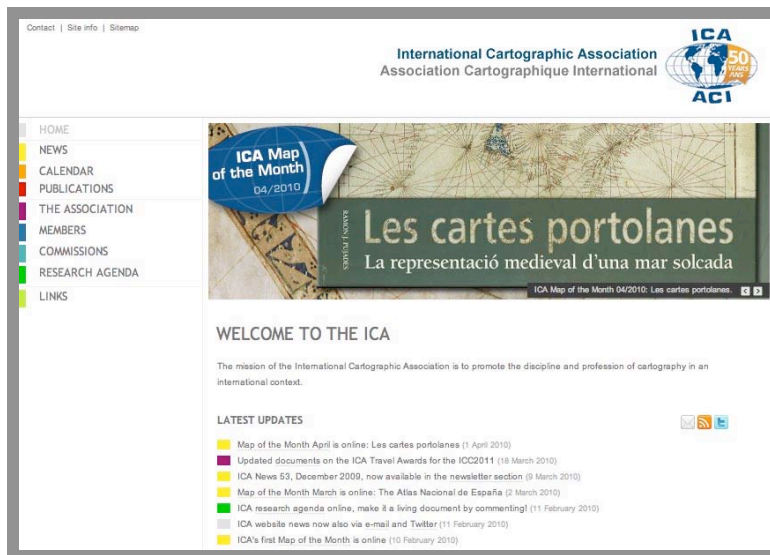


Figure 6. ICA Web site. [www.icaci.org](http://www.icaci.org)

## Commissions and Working Groups

To achieve its aims the ICA operates through a number of Commissions and Working Groups. Commissions and Working Groups carry out the general operations of the ICA. These Commissions and Working Groups addressed the full range of scientific, technical and social research that is the mark of ICA activity. They achieve the transfer of knowledge about Cartography and GIScience and GI Science by publishing books and special editions of journals and running workshops. As the Commissions and Working Groups are a key element in the Association, and their leadership is paramount to the success of the groups, it is important to provide the complete list of them. Chairs of Commissions and Working Groups are shown in brackets.

- *Commission on Cartography and Children* (Jesus Reyes and Temenoujka Bandrova)
- *Commission on Digital Technologies in Cartographic Heritage* (Evangelos Livieratos)
- *Commission on Education and Training* (David Fraser)
- *Commission on Generalization Of Spatial Information* (William Mackaness and Sébastien Mustière)
- *Commission on Geospatial Analysis and Modeling* (Bin Jiang)
- *Commission on Geospatial Data Standards* (Antony Cooper)
- *Commission on Geovisualization* (Gennady Andrienko and Jason Dykes)
- *Commission on The History Of Cartography* (Elri Liebenberg)
- *Commission on Economics and Management Of Map Production* (Philippe de Maeyer)
- *Commission on Mapping From Satellite Imagery* (Xiaojun Yang)
- *Commission on Map Projections* (Dan Strebe)
- *Commission on Maps and Graphics For Blind and Partially Sighted People* (Dan Jacobson)
- *Commission on Maps and Society* (Chris Perkins)
- *Commission on Maps and The Internet* (Michael Peterson)
- *Commission on Marine Cartography* (Patricio Carrasco)
- *Commission on Mountain Cartography* (Karel Kriz)
- *Commission on National and Regional Atlases* (Peter Jordan)
- *Commission on Planetary Cartography* (Kira Shingareva)
- *Commission on Theoretical Cartography* (Alexander Wolodtschenko)

- *Commission on Ubiquitous Mapping* (Takashi Morita)
- *Commission on Underrepresented Groups and Cartography* (Wieslawa Zyszkowska)
- *Commission on Use and User Issues* (Corné Van Elzakker)
- *Working Group on Art and Cartography* (Sébastien Caquard and Barbara Piatti)
- *Working Group on Cartography on Early Warning and Crisis Management* (Milan Konečný)
- *Working Group on Census Cartography* (Tim Trainor)
- *Working Group on GIS and Sustainable Development* (Vladimir Tikunov)
- *Working Group on Mapping Africa For Africa* (Derek Clarke)
- *Working Group on Open Data Access and Intellectual Property Rights* (Lucia Lovison-Golob)
- *Working Group on Open Source Geospatial Technologies* (Suchth Anand)
- *Working Group on Tourist Cartography* (Yuriy Artemyev)
- *Working Group on Crime Mapping* (Peter Schmitz)

The rich offering by Commissions and Working Groups makes for a rich international programme. Executive Committee members have endeavoured to attend as many meetings as possible.



Figure 7. ICA President William Cartwright at the Open Source Conference, Nottingham, UK, 2009. The conference was co-organised by the Working Group on Open Source Geospatial Technologies.

To all involved – chairs, co-chairs, vice-chairs and members of Commissions and Working Groups - thank you for your work over 2007-2011.

### **Conferences and meetings**

The Association holds a General Assembly every four years and conferences every two years. Conferences include papers and poster presentations, an international map exhibition, an international children's map exhibition and a technical exhibition.

In August 2007 the XIV General Assembly and XXIII International Cartographic Conference took place in Moscow, Russia. In 2009 XXIV ICC was held in Santiago, Chile and in 2011 the



XV General Assembly and XXV International Cartographic Conference will be held in Paris in July 2011.

The ICA is indebted to the enthusiasm of member nations, Local Organising Committees, sponsors, exhibitors and participants for making these events so successful.



Figure 8. ICA President William Cartwright with some of the Local Organising Committee, ICC2009, Santiago, Chile. Picture courtesy ICC2009 LOC.

In 2013 the Deutsche Gesellschaft für Kartographie will host the 26th International Cartographic Conference. The conference will be held in the city of Dresden, Germany.

### **ICA regional symposia**

At the Santiago EC meeting in November 2009 discussions were held about the potential role for ICA Regional Symposia for Cartography. The general ideas about regional symposia were:

- Having an ICA recognition of a regional (not national) symposium would be valuable both for the event and for ICA;
- The regional symposia should be in 'even-numbered years' i.e. they should not compete with the regular 'odd-numbered years' international cartographic conferences;
- There could be more than one regional symposia in different locations in any one year;
- ICA Commissions and Working Groups would be actively encouraged to participate in the symposia; and
- It would be beneficial for the regional symposia to be attached to a conference (possibly a national conference) already organised.

Subsequently, an exploratory regional cartographic symposium for Central and Eastern Europe was held in Vienna, Austria, 16-17 February 2009. It was organised by Vice-President Georg Gartner and hosted by TU Vienna. The symposium proved to be most successful. 130 scientists and professionals from 19 countries attended. The symposium attracted presentations and participation from many central and eastern European countries: Romania, Germany, Croatia, Turkey, Serbia, Austria, Hungary, France, Russia, Czech Republic, The Netherlands, UK, Poland, Slovenia, Switzerland, Bulgaria, FYRO Macedonia. Other countries represented were Australia, USA and Brazil.

On the first day a PhD / Masters degree forum was held. This session allow for research students to present to an international audience and to receive critique of their work. Here, a panel of experts from the ICA community provided feedback and answered questions related to graduate student research programmes. The panel is pictured in figure 9.



Figure 9. ICA expert panel at ICA Symposium for Central and Eastern Europe, Vienna, 2009. From left: Georg Gartner (Austria), William Cartwright (Australia), Necla Uluğtekin, (Turkey), Ferjan Ormeling (The Netherlands) and Milan Konečný (Czech Republic).

Following the success of the initial symposium, a number of additional symposia were held:

- ICA Symposium for Central and Eastern Europe. With the 3rd International Conference on Cartography & GIS, Nessebar, Bulgaria, 15-20 June 2010.
- ICA Symposium for Australasia and Oceania. With GeoCart 2010, Auckland, New Zealand 1-3 September 2010.
- ICA Symposium for the Americas. With the AutoCarto 2010 conference, Orlando Florida, USA 15-19 November 2010.

### **50th anniversary meeting**

A commemorative event to celebrate the 50<sup>th</sup> anniversary of ICA was held on 9th June 2009 and a one-day symposium on 10th June 2009 in Berne, Switzerland. *SwissTopo* and the Swiss Society of Cartography supported this event. *SwissTopo* hosted the event at their office in Berne, the same site where the first ICA meeting was held 50 years ago. Vice-President Anne Ruas, assisted by Secretary-General / Treasurer David Fairbairn, coordinated the plans for the event for ICA and the President of the Swiss Society of Cartography Stefan Arn of *SwissTopo* provided essential support and ensured that the event ran smoothly and was successful. Stefan Räder of ETH contributed an excellent display - 'Eduard Imhof & the ICA'.



Figure 10. ICA President William Cartwright making the opening address at the 50th anniversary meeting

The symposium provided the occasion to present a ‘snapshot’ of the past and current activities of the Association. This was done through formal presentations. The presenters at the symposium were:

- Dr Walter Imhof
- Professor Bengt Rystedt
- Professor Ernst Spiess
- Dr Jean-Philippe Grélot
- Dr Christopher Board
- Professor Lorenz Hurni
- Dr Dietmar Grünreich
- Dr Anne Ruas
- Professor Menno-Jan Kraak
- Professor Elri Liebenberg
- Professor Evangelos Livieratos
- Professor Philippe de Maeyer
- Professor Michael Peterson
- Dr Chris Perkins
- Dr Vanessa Lawrence
- Dr Jarmo Ratia
- Dr Fridolin Wicki

As well as representatives from many member nations and former Executive Committee members, it was most pleasing to have four former ICA Presidents in attendance. They were:

- Professor Fraser Taylor, Canada, President of the ICA from 1987-1995.
- Dr Michael Wood OBE, United Kingdom, President of the ICA from 1995-1999
- Professor Bengt Rystedt, Sweden, President of the ICA from 1999-2003
- Professor Milan Konečný, Czech Republic, President of the ICA from 2003-2007

These Past-Presidents are pictured with Professor William Cartwright, President ICA 2007-2011.



Figure 11. Past and current ICA Presidents. From left: Michael Wood (UK), William Cartwright (Australia), Fraser Taylor (Canada) Bengt Rystedt (Sweden) and Milan Konečný (Czech Republic).

A special ICA logo was used on all official ICA correspondence and presentations during the anniversary year. Manuela Schmidt of TU Vienna designed the logo. The 50<sup>th</sup> Anniversary logo is shown below.



Figure 12. International Cartographic Association 50th Anniversary logo

### **Awards**

The Association makes awards from time-to-time to recognize excellence in Cartography and GI Science. It recognises excellence in scholarship and research in Cartography and GI Science. The awardee of the Carl Mannerfelt Gold Medal, the highest award of the ICA in 2009 was Professor Ferjan Ormeling (The Netherlands). Also in 2009, an ICA Honorary Fellowship was awarded to Professor Bengt Rystedt (Sweden).

The ICA Diploma for outstanding services to ICA was awarded in 2009 to Colonel Juan Vidal Garcia-Huidobro (Chile) Chair, ICC2009 Local Organizing Committee.

### **Barbara Petchenik competition**

The ICA Commission on Cartography and Children promotes and manages this competition. At each ICC the best of the competition entries are displayed. Of note is the fact that ESRI Press

published the second book *Children Map the World*, Volume 2. The book was edited by Professor José Jesús Reyes Nuñez (Hungary), Professor Temenoujka Bandrova (Bulgaria), Professor Milan Konečný (Czech Republic), Immediate Past-President of ICA and Jeet Atwal (Canada). An image of the book cover is shown in figure 13.

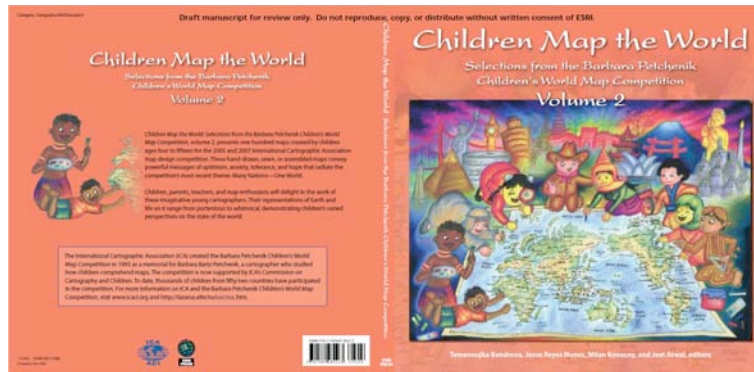


Figure 13. Cover of *Children Map the World*, Volume 2 (ESRI Press).

## Member organisations

The ICA is an organization of organizations. The Executive Committee conducts the activities of the Association guided by the directions and approved documentation approved by member organizations at each General Assembly. A most pleasing task of President has to have been able to attend a number of member organisations' meetings and conferences. Through this, the President and Executive Committee members are able to have personal dialogue with colleagues from member organizations and to gather information about the real needs of these organizations. I am proud to have led the Executive Committee that has been able to conduct the affairs of the Association to advance the strategies of the ICA members.



Figure 14. ICA President William Cartwright at the 2010 British Cartographic Society conference. Presenting an award to Kenneth Field.



## **ICA Affiliate members**

The ICA recognizes the support of Affiliate members. The partnership with these organizations ensures that the work of ICA has a greater reach. The list of Affiliate members at the time of writing this report is provided below.

- Bundesamt für Kartographie und Geodäsie (Germany)
- Centro Argentino de Cartografía (Argentina)
- Centro Cartográfica y Fotográfico (CEFAF) (Spain)
- Dubai Municipality (UAE)
- East View Cartographic (USA)
- Eko-Graf Cartographic Publishing House (Poland)
- ESRI (USA)
- Geospatial Information Authority of Japan (Japan)
- Indian National Cartographic Association (INCA) (India)
- Institut Cartografic de Catalunya (Spain)
- Institut Géographique National (France)
- Instituto Geográfico Nacional España (Spain)
- Intergraph Corporation (USA)
- International Institute for Geo-Information Science and Earth Observation (ITC) (The Netherlands)
- Land Information New Zealand (New Zealand)
- Moscow State University of Geodesy and Cartography (Russia)
- National Hydrographic Office (India)
- National Land Survey of Finland (Finland)
- Navionics Hydrographer (Italy)
- Navteq (The Netherlands)
- Ordnance Survey (UK)
- Polskie Przedsiębiorstwo Wydawnictw Kartograficznych (PPWK) (Poland)
- Rectas (Nigeria)
- Regional Centre for Mapping of Resources for Development (RCMRD) (Kenya)
- Star Informatic Publishing Solutions (Belgium)
- Union of Chambers of Turkish Engineers and Architects, Chamber of Surveying and Cadastre Engineers (UCTEA-CSCE) (Turkey)
- United States Geological Survey (United States of America)
- University of Architecture, Civil Engineering and Geodesy, Faculty of Geodesy (Bulgaria)
- University of Balamand (Lebanon)

## **Sister Societies**

The ICA works with sister societies through the Joint Board of Geospatial Information Societies (JBGIS). The JBGIS is a coalition of leading international geospatial societies, of which the ICA is a member. President William Cartwright and Secretary-General/Treasurer David Fairbairn represented the ICA on the JBGIS. The JBGIS meets formally once each year and informally when schedules permit. The JBGIS chair rotates between member societies. The chair for 2011 was Mark Cygan, representing the International Map Traders Association.

ICA has attended all formal JBGIS meetings in:

- Beijing, China, July 2008
- Rotterdam, The Netherlands, June 2009
- Sydney, Australia, April 2010
- Paris, France, July 2011

As well, ICA has also attended a number of informal meetings of the Board.

The JBGIS has published a booklet - *Best Practices for Disaster Management and Emergency Response*. The ICA has contributed to the funding and production of this publication, which was published in July 2010. ICA immediate Past-President, Professor Milan Konecný contributed to the activities of the JBGIS through its ad-hoc Committee on Risk and Disaster Management.

## Outreach

An important contribution that ICA makes through its international community is outreach and technology transfer. Commissions and Working Groups have addressed the full range of scientific, technical and social research that is the mark of ICA activity. They undertake the transfer of knowledge about cartography and GI Science by publishing books and special editions of journals and running workshops. Colleagues from the ICA community conduct these workshops on a volunteer basis, generally with the support of the national member organisation of ICA or the national mapping body.

As well, at each ICA conference the Association makes available Travel Awards for young scientists to attend and present. In 2009 seven awards were made for travel to the ICA conference in Santiago, Chile. Young scientists from Ukraine, China, Poland, Chile, Brazil, Argentina and Senegal attended the conference and presented papers under this scheme.



Figure 15. ICA Commission on Education and Training, in collaboration with Bakosortonal, Workshop on Web 2.0 and Cartography - Jakarta, 2010

## **Tribute to Immediate Past-President Professor Milan Konečný**

Before closing, I would like to pay a tribute to Immediate Past-President Professor Dr Milan Konečný, who leaves the Executive Committee at the July 2011 General Assembly. Professor Konečný has served the ICA Executive for many years, as Vice-President, President and Immediate Past-President. He has had a major role in advancing the Association and representing ICA on many international committees, like the Joint Board of Geo-Spatial Information Societies. Over the last four years, Professor Konečný has chaired the ICA Working Group on Cartography on Early Warning and Crises Management. This has been a most successful ICA Working Group and, as well as holding many meetings internationally, the Working Group has developed close ties with the JBGIS Geo-information for Disaster Management (Gi4DM). Professor Konečný has worked tirelessly for the ICA and his contributions have progressed the status and profile of the ICA internationally.

### **In conclusion**

It has been my honour to be President of the International Cartographic Association for 2007-2011. I have been privileged to work with the talented members of the Executive Committee, Commission and Working Group members, members of ICA committees and colleagues from the ICA international Cartography and GI Science community. I sincerely thank everyone for their support, enthusiastic collaboration and friendship.

I attended my first ICA conference in Perth, Australia in 1987 and since that time I have attended every ICA conference, numerous meetings and associated events. These experiences have contributed to my personal, academic and scientific development. I thank those who have been part of this experience over this past quarter century.

Over the past eight years I have served as Vice-President in the 2003-2007 Executive Committee and as President for the last four years. I look forward to serving the International Cartographic Association as Immediate Past President with the 2011-2015 Executive Committee.



Professor Dr. Dr. William Cartwright

President (2007-2011)

Association Cartographique Internationale  
International Cartographic Association

June 2011

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