Dear Colleagues

The international agenda for conferences and workshops is so full of wonderful activities that it is impossible to get to everything that is of interest. It is encouraging to see that ICA Commissions and Working groups are active in developing concepts for international collaboration and then realizing this through the operation of meetings to further their research and professional interests. Please take advantage of the ICA website at www.icaci.org to review the range of ICA-affiliated international events that are on offer.

Continuing on the theme of conferences, I represented the ICA at the FIG international conference, held in Sydney, Australia in April 2010. The conference brought together members of the international surveying and geodesy community in the antipodes for the second FIG conference to be held in Australia (the previous FIG Australian conference was in Melbourne). I attended a number of sessions and met with many colleagues who have been affiliated with ICA in the past. It was great to catch-up with Ron Furness at the conference. Ron, who lives in Sydney, is an Honorary Fellow of the ICA, former Chair of the ICA Commission on Marine Cartography and a long-time contributor to ICA.

At the conference a meeting of the Joint Board of Geospatial Information Societies (JBGIS) was held. The JBGIS is a coalition of leading international geospatial societies, of which the ICA is a member. The meeting discussed issues that are relevant to all sister societies that comprise the Board. It is planned to hold the next official annual meeting of the Board at the 25th International Cartographic Conference 2011 in Paris. Associated with the activities of the JBGIS, ICA immediate Past President, Prof Milan Konečný has been contributing to the activities of the JBGIS ad-hoc Committee on Risk and Disaster Management. One important activity of the

The 25th International Cartographic Conference and the 15th General Assembly of the International Cartographic Association (ICA) will be held in Paris at the Palais des Congrès, between the 3rd and 8th July 2011.

The French Committee of Cartography (CFC) is pleased to invite delegates of the International Cartographic Association to Paris for the celebrations of 50th anniversary of the 1st General Assembly of the ICA held in 1961. This anniversary will also present an opportunity to commemorate French cartographer Jacques Bertin, recipient of the Mannerfelt Gold Medal of ICA, who passed away in May this year. The Local Organizing Committee decided to add a special session on semiotics and Jacques Bertin’s work to the conference programme and asks all interested cartographers to submit papers to this session (under the theme TO).

Conference Themes

The Scientific Programme is based on the research and professional interests of 28 Commissions and Working Groups of the ICA. Fundamental research as well as emerging topics across all of cartography and Geographic Information Science are welcomed. The themes are as follow:

- **T0** Jacques Bertin cartographic work and influences
- **T1** Semiotics, map perception, cognition and knowledge
- **T2** Colors, Signs and Typography on paper and digital maps
- **T3** GeoVisualization, Augmented and Virtual Reality
- **T4** Maps and the Internet

The New Zealand Cartographic Society’s delegation to ICC 2009; (from left) Geoff Aitken (President), Antony Moore (Secretary) and Igor Drecki (Vice President) | Photograph courtesy of Geoff Aitken
For the past few months I have been privileged to be involved in an exciting cartographic project. It is about creating an authoritative repository of cartographic and geospatial materials and making it available to the general public through a fully searchable web portal. The true potential of this project goes far beyond a mere catalogue of maps and spatial databases: it provides an opportunity to capture and preserve unique map collections that might otherwise be lost due to aging; it unlocks ‘hidden’ and ‘forgotten’ information about the land, its environment and its people. The list goes on.

However, with recent technological advances and the drive for the “latest and greatest” in geospatial offerings, there is no surprise that a lot of investment, both human and financial, goes into keeping specialised services and geographical information as current as possible. A lot of resources are also invested into planning for the future, predicting market trends and users’ needs. Although the primary concern and a valid one – is to satisfy an ever-demanding market for “here and now”, it is sometimes surprising how easily some commercial companies, and even government agencies, engaged in mapping withdraw from an active appreciation of cartographic heritage, which inspires us and professional ethics we all share have been shaped over the centuries and make us who we really are. The vast repository of cartographic knowledge built by our predecessors provides a wonderful resource on which we can now draw. Therefore, when we design a map we are not alone; we simply embrace and appreciate our cartographic heritage, which inspires us and makes us proud.

With ICC 2011 in Paris just a year away, the information about the conference gives us a timely snippet of what to expect. Also, our Secretary General asks to share your views on the ICA Strategic Plan.

Igor Drecki | Editor ICA News | ICA

The ICA Executive Committee at the ICC 2009 in Santiago, Chile; (from left) Zhilin Li, Timothy Trainor, Anne Ruas, Milan Konečný, Memmo-Jan Knaak, William Cartwright, Georg Gartner, David Fairbairn and Derek Clarke (absent: Pablo Gran) | Photography Igor Drecki
president’s report cont...

geographic information management, including consideration of the possible creation of a United Nations global forum for the exchange of information between countries and other interested parties, and in particular for sharing best practices in legal and policy instruments, institutional management models, technical solutions and standards, interoperability of systems and data, and sharing mechanisms that guarantee easy and timely accessibility of geographic information and services.” The focus of work that needs to be done is to develop a global strategy on the vision for global geographic information management. The New York meeting addressed the current initiatives and critical issues in Geographic Information management, with a global perspective. In order to progress this global initiative the first World Conference focusing on Global Geographic Information Management will be held in South Korea, Seoul in September 2011.

Since the last ICA newsletter, in association with other member of the ICA community I also produced a report on capacity building activities of the ICA for the GiM magazine. This was entitled Capacity Building: An ICA Perspective. This is one of three articles published in GiM. The other two articles were from ISPRS and FIG. I also wrote an article for the Indian publications Coordinates - Maps: Changing Approach and GIS Development - Some Challenges for Geospatial Associations in the Second Decade of the Millennium and a paper for Revista Cartográfica, the journal of the Instituto Panamericano de Geografía e Historia - The International Cartographic Association and Educational Outreach. It is expected that these articles will promote the activities of the ICA globally, in Latin America and in India.

I also attended and made a keynote address at the XXIV Congresso Brasileiro de Cartografia, held in Aracaju, Brazil in May. The President of SBC, Eng Paulo Teixeira Triño and Prof Dr Paulo Leal de Menezes invited me to attend. The ICA was well represented at the Congress - ICA immediate Past President Milan Konečný gave a keynote presentation.

Between 15-20 June 2010 I attended the 3rd International Conference on Cartography & GIS, which was held in Nessebar, Bulgaria. Professor Temenoujka Bandrova, Co-Chair of the ICA Commission on Children and Cartography organised the conference. It was pleasing to note that the conference was ‘badged’ as the International Cartographic Association Symposium for Central and Eastern Europe. The conference was held at the Arsena Hotel, which is in an ideal location, fronting directly onto the Black Sea.

The conference opening ceremony had one most interesting aspect, where the Bulgarian winner of the Barbara Petchenik Children’s World Map Competition was presented with an official award. Immediate Past President Professor Milan Konečný, the ICA Executive Committee liaison to the ICA Children and Cartography Commission presented the award to 15 year-old Daniela Karaivanova.

Six keynote speeches were given. The first keynote speech was given by Paul Hardy from ESRI. The topic was Scaling-up Cartography-Cloud Computing and Multi-scale Content for Tomorrow’s Mapping. The next keynote was from Miklós Gross from Eurokonz, with the topic The Mission of Cartography in the Modern Information Society. OGC’s Athina Trakas delivered the third keynote – OGC and Interoperability from a Global Perspective. Spatial Data Infrastructures: The Subnational Dimension in the European Context by Joachim Rix followed this. The penultimate keynote was delivered by Temenoujka Bandrova on the topic Bulgarian Cartography: from Paper to Virtual Reality. I gave the last keynote, entitled Maps, Sketches and Annotations: Representations of the Geography of Conflict – Gallipoli 1915.

During the conference two ICA Commissions and a Working Group met. These were:
- ICA Commission on Planetary Cartography, chaired by Professor Kira Shingareva
- ICA Commission on Cartography for Children, chaired by Temenoujka Bandrova and José Jesús Reyes
- ICA Working Group on Cartography on Early Warning and Crises Management (WGCEWCM), meeting chaired by Immediate Past President Milan Konečný.

Kira Shingareva chairing the ICA Commission on Planetary Cartography session in Nessebar, Bulgaria | Photograph courtesy of William Cartwright

The conference incorporated a Seminar with EU cooperation on Early Warning and Disaster/Crisis Management of the WGCEWCM. This seminar was facilitated by Immediate Past President and Chair of the WGCEWCM Milan Konečný.

This was a wonderful event and it truly reflects the enthusiasm and quality of Bulgarian Cartography and GI Science.

By now you should have received the call for papers for the 25th International Cartographic Conference in Paris. The ICA General Assembly will be held in conjunction with ICC 2011. The conference will be held 3-8 July 2011 at the Palais des Congrès. For more information about the conference, please visit the website at www.icc2011.fr.

The French Committee of Cartography (CFC) and the ICA Executive Committee look forward to seeing you in Paris in July 2011.

William Cartwright | President | ICA

ica news le monde cartographique

The International Cartographic Association (ICA) activities continue to be held worldwide, and reported upon regularly in the ICA News. The international remit of ICA ensures that the global nature of cartography is reflected in the meetings, courses and conferences offered by the Association.

In the middle of our globalisation agenda, it is always a good idea to keep links with our roots, and the celebration of ICA’s 50th birthday in Bern, Switzerland, in June 2009 (ICA News 50th Anniversary of ICA Special Issue, September 2009) helped the Association and its members to remember eminent cartographers of the past.

Following ICA’s foundation in 1959, the first General Assembly, at which all member nations of ICA were able to draft its formal statutes and operating conventions, took place in Paris in 1961. 50 years later it is highly appropriate that the next International Cartographic Conference (ICC) and General Assembly will again be in Paris. Historically significant, we also look forward, confident that the ICC 2011 will be a further example of the progressive agenda of ICA.

ICA has been delighted to accept the invitation of the French National Cartographic Committee (le Comité Français de Cartographie) to meet in the Palais de Congrès in the heart of Paris from 3-8 July 2011. This is an excellent opportunity for the cartographers and geographic information scientists of the world to gather and present their Enlightened view on Cartography and GIS – this is the maxim of the conference. On the Conference website www.icc2011.fr, Anne Ruas, President of the Conference Organizing Committee, invites the major scientific and industrial players in the fields of Cartography and GIS to participate in the Conference itself, the many associated workshops and visits, an extensive technical exhibition and the usual exhilarating exhibitions of contemporary map products and children's map drawings.

The main conference programme will be characterised by thematic diversity, high-quality contributions and an up-to-date content, and will appeal to researchers, engineers, students, data producers and software suppliers. In addition, a variety of social events has been planned in one of the most exciting cities in the world, including a gala dinner at the Bibliothèque National de France. Note the date for your diary and Bienvenue à Paris en 2011.

David Fairbairn | Secretary General & Treasurer | ICA
25th international cartographic conference 2011  paris · france  cont...

ica news contributions

Please send your contributions to
Igor Drecki | Editor ICA News | i.drecki@auckland.ac.nz

Postal Address
School of Environment
The University of Auckland
Private Bag 92019
Auckland
New Zealand

Submission Deadlines
15 May for June editions
15 November for December editions

Paper Submission
The paper submission deadline for ICC 2011 is 4 October 2010. The quality of contributions will be ensured by a selection process, which will encompass both a leading-edge scientific audience and a broader public, thanks to the delivery of three types of papers:
- The full-length refereed papers will be blind reviewed by an international Scientific Committee composed of the ICA Commission chairs and selected experts in the fields of GIS and Cartography. The selected papers will be published in an international journal and a prestigious printed book. Remaining papers will either be retained as non-refereed papers or posters, or rejected.
- The non-refereed papers will be reviewed by an international Scientific Committee composed of the ICA Commission chairs and a French Scientific Committee. These papers will be published in a digital form.
- Posters will be reviewed by an international Scientific Committee composed of the ICA Commission chairs and a French Scientific Committee. They will also be published in a digital format.

All papers should be written in English or in French, the two official languages of the ICA. Oral presentations will be given in English or in French. Simultaneous translation service from French into English will be available.

Important Dates
- 4 October 2010: Papers submission deadline
- 1 November 2010: Registration Opens
- December 2010: Papers acceptance notification
- 15 February 2011: Final papers deadline
- 1 March 2011: Authors registration deadline

Conference Website
For more information, please visit the conference website at www.icc2011.fr.

Francois Lecondix | Local Organising Committee ICC 2011 | France

© Paris Tourist Office | Photography Stéphane Querbes

President
William Cartwright | RMIT University | Australia

Secretary General & Treasurer
David Fairbairn | Newcastle University | UK

Vice Presidents
Derek Clarke | Surveys and Mapping | South Africa

Georg Gartner | Technische Universität Wien | Austria

Past President
Milan Konečný | Masaryk University | Czech Republic

Editor ICA News
Igor Drecki | The University of Auckland | New Zealand

T37 Other
- T36 The profession of Cartographer
- T35 Cartography and Children
- T34 Education and Training
- T33 Map Projections
- T32 Toponyms on Maps and on GeoDB
- T31 Census and other thematic maps
- T30 Marine, Military and Topographic Cartography
- T29 Planets and space Cartography
- T28 Mountain Cartography
- T27 National and Regional Atlases
- T26 History of Cartography and GI Science
- T25 Digital Technologies and Cartographic Heritage
- T24 Marketing and publishing
- T23 Intellectual Property Rights and Economical issues
- T22 Open Source Technology and Web Services
- T21 Map and GeoDB Production Techniques
- T20 Mapping from Satellite Imagery
- T19 Maps, GIS & Security
- T18 Maps, GIS & Society
- T17 Maps, GIS & Hazards and Disasters
- T16 Maps, GIS & Sustainable development
- T15 Geospatial analysis
- T14 Mapping and Spatial awareness for disabled people
- T13 Use and User Issues
- T12 Spatio-Temporal modelling and issues (3D, simulation)
- T11 Generalisation and Multi-scale Representation
- T10 GeoInformation retrieval
- T9 Volunteered geographic information, Crowdsourcing and Critical Cartography
- T8 Location Based Services and Ubiquitous Cartography
- T7 Data quality
- T6 SDI, Standards, Ontologies, Integration
- T5 Art, Culture and Cartography
- T4 Poster presentation
- T3 Posters, Digital formats, Digital Presentation
- T2 Non-refereed, Posters, Digital formats, Digital Presentation
- T1 Refereed, Posters, Digital formats, Digital Presentation
Your views sought!

The pursuit of ICA’s mission statement - to “ensure that geospatial information is employed to maximum effect for the benefit of science and society through promotion and representation of the discipline and profession of Cartography and GIScience internationally” - is directed by common goals and aspirations agreed at its governing body, the General Assembly. The mission statement is included in the Association's Strategic Plan 2003-2011, approved by the General Assembly in Durban, South Africa, in August 2003.

This Strategic Plan, which is available in the ICA website at icaci.org/strategic-plan, is a comprehensive document. It addresses a range of issues, including the early development of ICA (which has determined our current context); the challenges of contemporary cartography (which define the main “operating environments” – science, society, education, professional practice and art – in which cartography operates); a ‘SWOT’ analysis exploring strengths, weaknesses, opportunities and threats for the Association; and ways of converting these ideas into actions. The Strategic Plan 2003-2011 has guided the policy and management of ICA for a significant period, and ICA has seen many benefits from adopting the focus and vision of the authors of the plan, and the input of the General Assembly delegates who discussed and approved it.

It is clearly time to start preparing a new Strategic Plan, covering 2011-2019. The Executive Committee of ICA will table such a plan at the 15th General Assembly meeting at the International Cartographic Conference in Paris in July 2011. However, the intention is to give all ICA members and interested parties the opportunity to contribute to the new Strategic Plan, so that it can be considered in advance of the meeting. The Executive Committee is, therefore, keen to receive suggestions from anyone interested in the progress of the Association, whether tabbed through the formal national delegation to the General Assembly, or individuals associated with our discipline and profession.

In addition, the General Assembly gives the opportunity to modify the ICA Statutes, and a small working party has been set up to examine whether changes are needed. The ICA Statutes (also available at the website at icaci.org/ica-statutes) dictate policy, and modification must be approved by the General Assembly. Again, the Executive Committee would like to present possible changes having received opinion from a wide range of delegations and individuals.

Finally, it is clear that the ongoing work of ICA from a practical, day-to-day perspective relies on (among other things) maintaining successful conferences, effective Commission and Working Group structures, a viable Research Agenda, a generous Travel Awards scheme funded through the ICA Foundation, authoritative cartographic competitions for children’s and production cartography, and a dynamic web presence. Documents describing ICA practice in these areas are available on the website (icaci.org/Documents). It is expected that many of these documents will also be revised over the next 12 months, and suggestions and contributions for improving them are most welcome. Please make your views known to the Secretary General.

David Fairbairn | Secretary General & Treasurer | ICA | dave.fairbairn@newcastle.ac.uk

25 years ago...

The items below take us back to early 1985 and report on someone's 90th birthday... and ask to differentiate between ‘Jnr’ and ‘Snr’!

Igor Drecki | Editor ICA News | ICA

ICA Newsletter, No 5, May 1985

Miscellany

Professor Eduard Imhof was the first President of the ICA and has long been acknowledged as the ‘father of modern cartography’. His expertise and skill in the production of hill shading and relief representation revolutionised Swiss mapping and provide a graphic portrayal of the mountainous nature of the topography of his country. After the London Meeting of the ICA Executive Committee the President and Secretary-Treasurer travelled to Zürich, on January 25th, to pass on the Association’s congratulations and best wishes on the occasion of his 90th birthday.

It was an historic event attended by representatives and delegates from many European cartographic societies, and by members of the Council of the City of Zürich who were present to wish him well in the future.

D.T. Pearce / February 1985

ica news  your views sought!

www.icaci.org

ICA Logo

The Association section of the website offers digital versions of the ICA logo. With the conclusion of the ICA 50th anniversary year earlier this month, from now on please use only the standard ICA logo, i.e. without the 50 years banner, on your documents and websites. The ICA logo files and guidelines can be found on icaci.org/logo. We kindly ask you to use only the original ICA logo files provided.

Map of the Month

The new Map of the Month feature within the News section of the ICA website currently showcases the winning entries from the International Cartographic Exhibition held at the ICC 2009 in Santiago, Chile. If you haven’t discovered them yet, please have a look at icaci.org/map-of-the-month. So far, five map products have been featured:

- Feb 2010: EARTH atlas, Millennium House, Australia
- Apr 2010: Les cartes portolanes, Institut Cartogràfic de Catalunya, Spain
- May 2010: SCAN Littoral, French National Geographic Institute, France
- Jun 2010: Panamap Manhattan, Urban Mapping Inc., USA

For questions and ideas concerning the ICA website, please contact Manuela Schmidt or Felix Ortag at icaweb@cartography.tuwien.ac.at.

Manuela Schmidt | Web Developer | ICA Website | ICA | icaweb@cartography.tuwien.ac.at

ica news  new features of ica website
jürg Gilgen

Until my second last grade at school I had no idea what profession I should choose. My drawing teacher encouraged me to become a graphic artist. My grandfather, on the other hand, urged me to learn a down-to-earth job, as he used to say, such as a precision engineer (just like my eldest brother).

Shortly afterwards, I came across a recruitment advertisement in the newspaper: ‘Cartography Trainees Wanted!’

These very words made me curious. Good drawing ability, precise working method, a broad general knowledge and a lot of patience are above all needed in order to become a cartographer, I learnt from that advertisement.

“Well then, that sounds good to me” – I said to myself. The thought of becoming a cartographer quickly changed to an intention, especially after my visit to the Federal Office of Topography swisstopo. I passed the admission tests and started my four year apprenticeship there. The working week consisted of four days of in-house training and one day of classes at the School of Applied Arts in Bern.

What still fascinates me the most is the cartographic communication design: how to portray the manifold landscape using conventional graphic signs and symbols that are generalized and standardized.

My professional challenge nowadays is to meticulously and artfully portray high mountains in the crisp, Swiss style of rock hachures using state-of-the-art digital technology. My goal is always to give rock faces their unique character so that the map readers can easily get their bearings while in the outdoors.

Both my drawing teacher and my late grandfather would be highly pleased to see what I have become professionally.
profiles  \textit{polski przegląd kartograficzny}  ppk.net.pl

\textit{Polish Cartographical Review} is published quarterly since 1969 in Warsaw by the Cartographic Division (until 2000: the Cartographic Commission) of the Polish Geographical Society and the Polish Cartographic Publishing House (PPWK), the leading publisher of analogue and electronic maps and atlases, and an affiliate member of the ICA. Although it is available in Polish, it contains extensive English summaries of all research articles. The journal is published in colour and frequently includes attachments, e.g., atlas plates or sample topographical maps.

The current \textit{Polish Cartographical Review} is a successor of another journal of the same name, considered to be the oldest journal in the world dedicated exclusively to cartography. It was published between 1923-1934 in Lvov (currently Lviv) and edited by Prof Eugeniusz Romer.

\textit{Polish Cartographical Review} covers a wide range of cartographic and geoinformation themes: theory of cartography, visualization, generalization, spatial databases, map design (in electronic media in particular), as well as the history of cartography. Each issue contains five sections: research articles, notes, reviews, editorial news and reports on current cartographic events. The contributions come from Polish as well as international authors. The readership is diverse and includes academic and professional cartographers, geographers, GI researchers and practitioners, historians and students.

The journal is a credible source of information on current Polish cartographic publications. In the last forty years 14,779 publications were noted (their bibliography will soon be published in an electronic form). A recent initiative of the Editorial Board led to the inauguration of the Library of the \textit{Polish Cartographical Review} series. The first volume is devoted to the milestone of Polish school cartography: Romer’s Atlas from 1908. The second volume covers the activities and achievements of the Polish Geographical Society’s Cartographic Commission between 1966-2000. A volume on Polish post-WWII topographical maps is in preparation.

The ICA activities, including participation of Polish cartographers in conferences, commission meetings and workshops, and Polish children in the Barbara Petchenik competition, are regularly reported on. \textit{Polish Cartographical Review} was one of the first journals to publish the ICA Research Agenda adopted at ICC 2007 in Moscow (Vol. 40, no. 1).

Jacek Pasławski | Editor | Polish Cartographical Review | Poland

profiles  \textit{new zealand cartographic society}  www.cartography.org.nz

The New Zealand Cartographic Society (NZCS) was founded in 1971 and joined the ICA in 1976. The Society is an open association for those individuals and organisations with an interest, passion and excitement in the study, production and use of maps. It has a most diverse membership – both professionally and geographically. No two members work for the same organisation! Almost all members are either elected to the committee or coopted in some form. Committee meetings are held by video-conferencing over the web.

Volunteer members manage all Society activities. Services provided include organisation of the biennial National Cartographic Exhibition, coordination of the National Children’s Map Competition (part of the ICA Barbara Petchenik Children’s Map Award), maintenance of the Society’s website, organisation of cartographic conferences, workshops, seminars and courses, support for students to attend these events, and general cartographic information and advice. To assist GIS practitioners and promote cartography at all levels of education, the NZCS has developed the \textit{EduCart} outreach programme comprising of a modular cartography course for geospatial professionals, and the Maps for Schools project concerned with the production of wall maps for primary schools. To maintain contact with members and interested people the Society’s newsletter – the \textit{Cartogram} – is published several times each year, and is emailed to members, and to a mail-out list which is almost as large. It is available for download from the Society’s website www.cartography.org.nz.

Every two years, alternating with the ICA’s cartographic conferences, the NZCS hosts a national cartographic conference in the GeoCart series. The next conference, GeoCart2010, will be held in Auckland 1-4 September this year. This conference is also to be the first ICA Symposium on Cartography for Australasia and Oceania (www.cartography.org.nz/geo-cart2010/). These conferences are particularly stimulating and are the life-blood of the Society. About quarter of the attendees are from overseas reinforcing New Zealand’s potential as a destination and the GeoCart series as a vehicle for promoting their specialisations and their ideas. The programmed subject schema is challenged by the diversity of papers presented.

New Zealand’s national mapping organisation is a small part of Land Information New Zealand (LINZ). LINZ recently became an Affiliate Member of ICA.

The Society is the New Zealand representative to the ICA. Over the years, it has maintained a strong relationship with ICA by attending all General Assemblies since 1976 and actively participating in the International Cartographic Conferences and ICA Commissions’ meetings. New Zealand has been particularly successful at the International Cartographic Exhibitions by winning several cartographic excellence awards. A number of ICA events have been organised in New Zealand, including ICA Commission meetings, seminars and workshops, and many highly respected and notable international cartographers have been invited to these events.

In February next year the Society will host a celebration to commemorate the founding of the Society forty years ago. A \textit{celebration of New Zealand Mapping} is expected to be attended by about two hundred people who have contributed to mapping over the years and to the Society in its formative years.

Geoff Aitken  |  President | New Zealand Cartographic Society | New Zealand

\textit{ICA News} 07
Education and Training
lazarus.elte.hu/cet/

Commission Workshops and Resources
The ICA Commission on Education and Training plans to continue to offer cartographic workshops in the future. An invitation will be extended to selected ICA member nations each year in the hope that the workshop model can be adapted and adopted to the benefit of cartographers in nations requiring such an input. Guidelines have been produced for the workshops and are available from the CET website lazarus.elte.hu/cet. In addition, a list of cartographic resources for those involved in cartographic education and training has been compiled and placed on the above website.

Workshop in Vietnam
The Viet Nam – Ho Chi Minh City Workshop has been organised for 19-30th July 2010.

Workshop I: 19-23 July 2010 (Presenters: Prof László Zentai and Prof Vit Věžnilek)
- Cartographic Information Systems (GIS with a cartographic emphasis)
- Internet Mapping
- Atlas production
- Prepress and Digital Printing
- Other specialist topics to be added if deemed appropriate

Workshop II: 26-30 July 2010 (Presenters: Prof William Cartwright and Manuela Schmidt)
- Digital Generalization
- 3D maps and Geovisualization
- Multimedia products
- Location Based Services
- Cartographic Animation and Dynamic maps
- Navigational Maps

Many thanks go to the presenters for giving of their time, expertise, resources and finances (air fare) to attend this workshop.

Future Plans
A workshop Looking to the Future: Maps for the education and children is being organised for July next year prior to the ICC 2011. At present, the participation of the Commission on Cartography and Children and the Commission on Education and Training has been confirmed. Jesus Reyes and László Zentai are the key organising team with Dr Elisabeth Chesneau as the French connection.

The Commission will review the cartographic education and training papers presented for consideration for the ICC 2011 conference. Commission members Dr John Kostelnick and Dr Elisabeth Chesneau have kindly offered to take on the role of reviewers.

I will be stepping down as Chair of the Commission on Education and Training at the end of my term in 2011. I am currently seeking an individual who is willing to take on this role from 2011 to 2015.

David Fraser | Chair | ICA Commission on Education and Training | Australia

GeoVisualization
geoanalytics.net/ica/

Workshop in Guimarães, Portugal
On 10-11 May 2010 in Guimarães, Portugal, the ICA Commission on GeoVisualization organised a workshop GeoVA(t) – Geospatial Visual Analytics : Focus on Time (geoanalytics.net/GeoVA(t)2010). It was held in conjunction with the AGILE International Conference on Geographic Information Sciences. The workshop received 35 submissions that went through a review process undertaken by five workshop chairs. Consequently, 25 papers were accepted for presentation at the workshop and 16 of them received an invitation to the second round of reviewing for special issues of the International Journal of GIScience and Journal of Location Based Services.

Initially there was a concern about the viability of the workshop given that the day before two local airports were closed and many flights cancelled due to the volcanic ash in the atmosphere. However, 17 papers were eventually presented, which attracted a considerable interest over the next 1.5 days. In addition we were able to have a remote capstone talk by Gennady Andrienko.

The first day was limited to five of the nine papers. The extra time was devoted to questions and discussions. The second day started with a keynote talk delivered by the “father of visual analytics”, Jim Thomas. Jim discussed the core concepts and current state-of-the-art research opportunities in Geospatial Visual Analytics. His presentation was very well received. The rest of the second day included presentations of the remaining papers.

Future Plans
ICA Commission on Geospatial Analysis and Modeling is co-sponsoring two upcoming events:

- International Conference 2011 on Spatial Planning and Sustainable Development, 29-31 July 2011, Kanazawa City, Japan (urbaneastasia.jimdo.com/conference/spsd2011-kanazawa/call-for-paper/)

Commission members and all interested in geospatial analysis and modeling are encouraged to attend.

Bin Jiang | Chair | ICA Commission on Geospatial Analysis and Modeling | Sweden

Geospatial Analysis and Modeling
www.fromto.itb.hig.se/~bijnica/

Workshop in Indonesia
The Indonesia – Jakarta Workshop has been organised for 26 July – 6 August 2010.

- Week 1: 26-30 July 2010 (Presenter: Prof Ferjan Ormeling)
  - Map projections
  - Map design/ Cartography design
  - Cartography theory (Map Evaluation)
  - Atlas cartography
  - Special topic - Toponomy (Presenter: Dr Gang-Jun Liu)
  - Map production using GIS
  - Prepress design and layout using GIS
  - Computer assisted cartography using ArcGIS
  - Special topic - 3D GIS

- Week 2: 2-6 August 2010 (Presenter: Prof William Cartwright)
  - GIS visualisation
  - Web cartography
  - Web-based cartographic research
  - Special topic - Geographic/geospatial education using ICT (Presenter: Manuela Schmidt)
  - GIS & Cartography on the web
  - Geospatial Information Science
  - WebGIS
  - Special topic - TBA

Geospatial Analysis and Modeling
www.fromto.itb.hig.se/~bijnica/

Future Plans
ICA Commission on Geospatial Analysis and Modeling is co-sponsoring two upcoming events:

- International Conference 2011 on Spatial Planning and Sustainable Development, 29-31 July 2011, Kanazawa City, Japan (urbaneastasia.jimdo.com/conference/spsd2011-kanazawa/call-for-paper/)

Commission members and all interested in geospatial analysis and modeling are encouraged to attend.

Bin Jiang | Chair | ICA Commission on Geospatial Analysis and Modeling | Sweden

History of Cartography
www.icahistcarto.org/

International Symposium in Arlington, Texas, USA
The 3rd International Symposium of the ICA Commission on the History of Cartography will take place at the University of Texas (Arlington), USA, from 11-13 October 2010. Of the eight
paper sessions offered at the Symposium, two will be taken up by the ICA Commission on Maps and Society, and one by the United States Geological Survey (USGS). Given that the fields of study of these two ICA commissions in many instances overlap, the Commission on Maps and Society decided to temporarily join forces with the History commission. The USGS, which celebrated its 130th anniversary in 2009, was invited to participate. The ICA Commission on the History of Cartography felt that the coincidence that the Commission will be conducting its first meeting ever in the United States at the same time as the USGS is celebrating its 130th anniversary, should be officially recognized and given prominence.

The week of 9-13 October 2010 promises to be a veritable feast for lovers of (old) maps as the Symposium will be preceded by two other important events on the international and American cartographic calendar. The 7th Biennial Virginia Garrett Lecture Series on the History of Cartography will take place on Friday, 8 October 2010, and a day later delegates will be able to attend the Fall Meeting of the Texas Map Society (TMS). Both these events will boast papers presented by internationally acclaimed speakers.

On Monday, 11 October 2010 delegates will be treated to a guided tour of a special Map Exhibition mounted by the UTA Library (Special Collections), and on Wednesday there will be a half-day technical excursion to Dallas with a guided tour to the Southern Methodist University Library. The social aspect of the Symposium will also be well catered for with a full-day excursion to Fort Worth, the “Gateway to the Wild West”, on Sunday 10 October 2010, and a post-conference coach tour of approximately four days into “The Heart of Texas”, which is the Hill Country with state capital Austin, and the historic city of San Antonio.

Full particulars on the programmes for the Garrett Lectures, the TMS meeting, and the ICA Symposium can be found on library.uta.edu/spco/Garrett2010/index.html whereas Information on the registration fee for the Symposium, and the technical and social excursions, appears on the website of the ICA Commission for the History of Cartography at www.icahistcarto.org.

Eli Liebenberg | Chair | ICA Commission on the History of Cartography | South Africa

Management and Economics of Map Production
www.icamapproduction.org/

Workshop in Orlando, Florida, USA
The ICA Commission on Management and Economics of Map Production is organizing a Workshop on Management of Geographic Information and Map Production on 19 November 2010 in conjunction with AutoCarto 2010 in Orlando, Florida, USA. The topics covered by this workshop are:

- Dataware, the use of open data in different applications in GI and map production, including also aspects of crowd sourcing
- Standardization, especially for the formal description of production lines
- Value chain of GI

The Commission is also working on a book with the working title GI and Map Production Management in which the topics mentioned above together with other issues, such as quality control and models of management in GI, will be addressed. The presentations and discussions during the workshop will form an ideal opportunity to exchange ideas about these topics and construct a basis for the book.

If you are interested in attending or preparing a presentation for the workshop and/or contributing to the book, please submit your contributions by 30 June 2010 to info@icamapproduction.org.

Philippe De Maeyer | Chair | ICA Commission on Management and Economics of Map Production | Belgium

Mapping from Satellite Imagery
mailer.fsu.edu/~xyang/ica/

Meeting in Santiago, Chile
The ICA Commission on Mapping from Satellite Imagery held a joint open business meeting with the ICA Commission on Geospatial Analysis and Modelling on 17 November 2009, during the 24th ICC in Santiago, Chile. The discussions focused on some forthcoming events in 2010 and 2011 that the Commission plans to organize or sponsor.

Paper Sessions at AAG 2010, Washington, DC, USA
The Commission co-sponsored seven special paper sessions at the 2010 Annual Meeting of the Association of American Geographers (AAG), Washington, DC, USA, 14-18 April 2010. These sessions focused on three major themes: remote sensing and GIS for urban analysis (2 sessions), remote sensing and GIS for coastal studies (1 session), and land use and watershed assessment (4 sessions). Xiaojun Yang (Commission Chair) organized these sessions, which were very well received.

Workshop in Orlando, Florida, USA
The ICA Commission on Mapping from Satellite Imagery is organizing a Workshop on Advances in Sensors and Algorithms for Topographic and Thematic Mapping. This will be a one-and-a-half day event in conjunction with the Special Joint Symposium of ISPRS Technical Commission IV and AutoCarto2010, beginning in the afternoon of 18 November 2010 at the Doubletree Hotel at the Entrance to Universal Orlando, Orlando, Florida, USA.

The workshop will offer a forum for scholars and professionals to showcase their latest research advances in remote sensors and information extraction techniques that are particularly tied with various mapping applications. The workshop topics include but are not limited to:

- Cartographic capabilities of high-resolution optical and active remote sensors
- Development of improved information extraction algorithms
- Topographical and bathymetrical mapping
- Urban feature extraction and landscape mapping
- Hydrographic feature extraction
- Ecological and environmental mapping
- Natural hazards mapping and monitoring


> 10
Maps and the Internet
maps.unomaha.edu/ica/

Workshop in Orlando, Florida, USA
The ICA Commission on Maps and the Internet announces a workshop in conjunction with the AutoCarto 2010 meeting. This workshop examines developments in Application Programmer Interfaces (APIs) for mapping and MapServices in general, including Google Maps API and similar services. The specific purpose of the meeting is to propose chapters for a new book to be published in 2011 by the Maps and the Internet Commission along with the ICA Working Group on Open Source Geospatial Technologies.

The Online Maps with APIs and MapServices Symposium is scheduled for November 19, at the conclusion of the AutoCarto 2010 meeting in Orlando, Florida, 15-18 November 2010. Both meetings will be at the DoubleTree Hotel at the entrance to Universal Orlando. Online registration for the event is at orlando2010.eventbrite.com.

Submission of 200-word abstract is due on 1 August and the final 5,000 word paper on 15 October 2010.

Michael Peterson | Chair | ICA Commission on Maps and the Internet | USA

Mountain Cartography
www.mountaincartography.org/

Workshop in Borsa, Romania
The 7th ICA Mountain Cartography Commiss- sion Workshop will be held in Borsa, Romania, from 1-5 September 2010. The Workshop registration is now open and can be accessed form geogr-ubbisghet.ro/Conf%20ICA%20 CMC/proba/.

Karel Kriz | Chair | ICA Commission on Mountain Cartography | Austria

National and Regional Atlases
www.univie.ac.at/cnra/

Workshop in Yogyakarta, Indonesia
In co-operation with the Faculty of Geography, University of Gadjah Mada, Yogyakarta, Indonesia, and other Indonesian institutions the ICA Commission on National and Regional Atlases organizes a workshop in Yogyakarta, Indonesia, between 20-23 October 2010. The workshop will be devoted to two main topics: (1) Recent directions in national atlas cartography; (2) National, regional, city and school atlases as expressions and carriers of space-related identity. In addition, Part II of the National Atlas of Indonesia will be presented.

The choice of the second topic comes from the assumption that national and regional atlases as well as city and school atlases are not only means of communication and instruction, but have also the function of representing and carrying space-related identities, i.e. self-images of nations, regions or cities. Space-related image-building with atlases is provided by the selection and sequence of themes, by highlighting special aspects, which are very important for a country, region or city. But also the layout of an atlas, its furnishing with national and regional symbols, even the use of languages in titles, legends and texts as well as of place names is frequently very indicative in this respect.

This part of the workshop is therefore to investigate the historical and more recent national, regional, city and school atlases and whether they deviate from the usual thematic scope of regional geography and present maps and themes specific for a certain country, region or city, stressing what a nation, region or city considers as being typical and in accordance with its identity.

Potential subtopics include:
- Editorial concept of a certain atlas related to space-related identity building – view from within (by the editor or a member of the editorial board)
- Editorial concept of a certain atlas related to space-related identity building – view from the outside
- Restrictions and demands of licensing authorities and financiers as regards space-related identity building
- Comparative survey over an atlas category (e.g. national atlases) as regards space-related identity building in a certain part of the world
- Cartographic means of space-related identity building by atlases
- Other editorial means of space-related identity building by atlases
- Historical examples of nation-building by national atlases
- The role of atlases in space-related image-building and branding
- The recovery of regional identities (at least in Europe) as reflected by regional atlases
- Central and decentralized state concepts as reflected by national, regional and city atlases.

On Thursday, 21 October, a social dinner, and on Saturday, 23 October, a bus excursion to Yogyakarta Palace, Merapi volcano museum and Borobudur will be offered as social events. The 1200 year old Borobudur temple is the largest Buddhist monument in the world and one of Java’s most important sights.

A call for papers including a registration form has already been disseminated to several ICA
members. Should you not have received it and be interested, please, approach me by email peter.jordan@oeaw.ac.at. Everybody interested is welcome. Deadline for registration is 31 July 2010, deadline for the submission of abstracts 30 September 2010. No registration fees are requested; dinner and excursion (including snack box and lunch) costs are 100 USD. Travel arrangements and accommodation fall into the responsibility of every participant.

Peter Jordan | Chair | ICA Commission on National and Regional Atlases | Austria

Theoretical Cartography
rcswww.urz.tu-dresden.de/~wolodt/tc-com/

Seminar in Sankt Petersburg, Russia
The first seminar of the ICA Commission on Theoretical Cartography in 2010 under the title Maps, Atlases, Geoportals: which languages do we need? was held on 22 March at the Institute of Cartography and Geoinformatics in Sankt Petersburg. The main sponsor of the seminar was Faculty of Geography and Geology at the Sankt Petersburg University. The organisating committee included Olga Lazebnik (Sankt Petersburg), Alexander Koshkarev (Moscow) and Alexander Wolodtschenko (Dresden).

Cartographers and geographers, surveyors and semiotists as well as computer scientists from Germany, Israel, Ukraine and Russia have presented and discussed a variety of cartographic, semiotic, geoscience and information technology papers in two oral sessions. It was a very productive seminar offering a chance to exchange ideas, opinions and positions from the traditional and geoinformation cartography perspective.

The results of the seminar will be published as a collection of abstracts in the meta-cartosemiotics e-journal (Vol 3, 2010, meta-cartosemiotics.org).

The Commission also supported another workshop on the Usability of Geographic Information. This workshop was also held in London on 23 March 2010 and organized by University College London and Great Britain’s Ordnance Survey. The presentation slides of this workshop are also accessible through the Commission website. Some members of the Commission will draft a proposal for a follow-up event and/or Commission Project Group with the involvement of and outreach to the (non-GI) HCI / usability community.

Future Plans
As far as upcoming events are concerned, the Commission is sponsoring a workshop, organized in conjunction with GIScience on 14 September 2010 in Zürich, Switzerland. The Commission will also be represented at AutoCarto 2010 in Orlando, Florida in November 2010, but the planned Commission workshop has been cancelled.

In 2011, the Commission will organize a pre-ICC 2010 workshop on Use and User Issues in Public Transport Geoinformation in Paris between 1-2 July.

Everyone interested in use and user issues in the geographic and cartographic domain is invited to visit our website or contact the Chair to be put on the Commission’s mailing list.

Corné van Elzakker | Chair | ICA Commission on Use and User Issues | The Netherlands

The London workshop of the Commission on Use and User Issues held in conjunction with GISRUK 2010 (GIS Research UK) | Photography Richard Johnston

Use and User Issues
www.univie.ac.at/icacomuse/

Workshops in London, UK
The highlight of the ICA Commission on Use and User Issues activities since the ICA conference in Santiago de Chile was a workshop on Methods and Techniques of Use, User and Usability Research in Geo-information Processing and Dissemination which was held on 13 April 2010 at University College London. The workshop was attended by some 35 participants and the slides of the presentations are accessible through the Commission website. The full papers are now under review for inclusion as sections in the handbook on user research methods and techniques the Commission is currently working on.

The Commission also supported another workshop on the Usability of Geographic Information. This workshop was also held in London on 23 March 2010 and organized by University College London and Great Britain’s Ordnance Survey. The presentation slides of this workshop are also accessible through the Commission website. Some members of the Commission will draft a proposal for a follow-up event and/or Commission Project Group with the involvement of and outreach to the (non-GI) HCI / usability community.

Future Plans
As far as upcoming events are concerned, the Commission is sponsoring a workshop, organized in conjunction with GIScience on 14 September 2010 in Zürich, Switzerland. The Commission will also be represented at AutoCarto 2010 in Orlando, Florida in November 2010, but the planned Commission workshop has been cancelled.

In 2011, the Commission will organize a pre-ICC 2010 workshop on Use and User Issues in Public Transport Geoinformation in Paris between 1-2 July.

Everyone interested in use and user issues in the geographic and cartographic domain is invited to visit our website or contact the Chair to be put on the Commission’s mailing list.

Corné van Elzakker | Chair | ICA Commission on Use and User Issues | The Netherlands

The London workshop of the Commission on Use and User Issues held in conjunction with GISRUK 2010 (GIS Research UK) | Photography Richard Johnston

Use and User Issues
www.univie.ac.at/icacomuse/

Workshops in London, UK
The highlight of the ICA Commission on Use and User Issues activities since the ICA conference in Santiago de Chile was a workshop on Methods and Techniques of Use, User and Usability Research in Geo-information Processing and Dissemination which was held on 13 April 2010 at University College London. The workshop was attended by some 35 participants and the slides of the presentations are accessible through the Commission website. The full papers are now under review for inclusion as sections in the handbook on user research methods and techniques the Commission is currently working on.

The Commission also supported another workshop on the Usability of Geographic Information. This workshop was also held in London on 23 March 2010 and organized by University College London and Great Britain’s Ordnance Survey. The presentation slides of this workshop are also accessible through the Commission website. Some members of the Commission will draft a proposal for a follow-up event and/or Commission Project Group with the involvement of and outreach to the (non-GI) HCI / usability community.

Future Plans
As far as upcoming events are concerned, the Commission is sponsoring a workshop, organized in conjunction with GIScience on 14 September 2010 in Zürich, Switzerland. The Commission will also be represented at AutoCarto 2010 in Orlando, Florida in November 2010, but the planned Commission workshop has been cancelled.

In 2011, the Commission will organize a pre-ICC 2010 workshop on Use and User Issues in Public Transport Geoinformation in Paris between 1-2 July.

Everyone interested in use and user issues in the geographic and cartographic domain is invited to visit our website or contact the Chair to be put on the Commission’s mailing list.

Corné van Elzakker | Chair | ICA Commission on Use and User Issues | The Netherlands

The London workshop of the Commission on Use and User Issues held in conjunction with GISRUK 2010 (GIS Research UK) | Photography Richard Johnston

Use and User Issues
www.univie.ac.at/icacomuse/

Workshops in London, UK
The highlight of the ICA Commission on Use and User Issues activities since the ICA conference in Santiago de Chile was a workshop on Methods and Techniques of Use, User and Usability Research in Geo-information Processing and Dissemination which was held on 13 April 2010 at University College London. The workshop was attended by some 35 participants and the slides of the presentations are accessible through the Commission website. The full papers are now under review for inclusion as sections in the handbook on user research methods and techniques the Commission is currently working on.

The Commission also supported another workshop on the Usability of Geographic Information. This workshop was also held in London on 23 March 2010 and organized by University College London and Great Britain’s Ordnance Survey. The presentation slides of this workshop are also accessible through the Commission website. Some members of the Commission will draft a proposal for a follow-up event and/or Commission Project Group with the involvement of and outreach to the (non-GI) HCI / usability community.

Future Plans
As far as upcoming events are concerned, the Commission is sponsoring a workshop, organized in conjunction with GIScience on 14 September 2010 in Zürich, Switzerland. The Commission will also be represented at AutoCarto 2010 in Orlando, Florida in November 2010, but the planned Commission workshop has been cancelled.

In 2011, the Commission will organize a pre-ICC 2010 workshop on Use and User Issues in Public Transport Geoinformation in Paris between 1-2 July.

Everyone interested in use and user issues in the geographic and cartographic domain is invited to visit our website or contact the Chair to be put on the Commission’s mailing list.

Corné van Elzakker | Chair | ICA Commission on Use and User Issues | The Netherlands

The London workshop of the Commission on Use and User Issues held in conjunction with GISRUK 2010 (GIS Research UK) | Photography Richard Johnston

Use and User Issues
www.univie.ac.at/icacomuse/

Workshops in London, UK
The highlight of the ICA Commission on Use and User Issues activities since the ICA conference in Santiago de Chile was a workshop on Methods and Techniques of Use, User and Usability Research in Geo-information Processing and Dissemination which was held on 13 April 2010 at University College London. The workshop was attended by some 35 participants and the slides of the presentations are accessible through the Commission website. The full papers are now under review for inclusion as sections in the handbook on user research methods and techniques the Commission is currently working on.

The Commission also supported another workshop on the Usability of Geographic Information. This workshop was also held in London on 23 March 2010 and organized by University College London and Great Britain’s Ordnance Survey. The presentation slides of this workshop are also accessible through the Commission website. Some members of the Commission will draft a proposal for a follow-up event and/or Commission Project Group with the involvement of and outreach to the (non-GI) HCI / usability community.

Future Plans
As far as upcoming events are concerned, the Commission is sponsoring a workshop, organized in conjunction with GIScience on 14 September 2010 in Zürich, Switzerland. The Commission will also be represented at AutoCarto 2010 in Orlando, Florida in November 2010, but the planned Commission workshop has been cancelled.

In 2011, the Commission will organize a pre-ICC 2010 workshop on Use and User Issues in Public Transport Geoinformation in Paris between 1-2 July.

Everyone interested in use and user issues in the geographic and cartographic domain is invited to visit our website or contact the Chair to be put on the Commission’s mailing list.

Corné van Elzakker | Chair | ICA Commission on Use and User Issues | The Netherlands

The London workshop of the Commission on Use and User Issues held in conjunction with GISRUK 2010 (GIS Research UK) | Photography Richard Johnston

Use and User Issues
www.univie.ac.at/icacomuse/
The International Workshop on Early Warning and Crisis Management was held at the 6th International Exhibition and Scientific Congress Geo-Siberia 2010, between 27-29 April 2010 in Novosibirsk, Russian Federation. ICA traditionally endorses Geo-Siberia, the event which has importance and influence on science, education, public and private activities related to spatial information growing from year to year. Popularity of the event is expressed by a large number of participants and exhibiting firms taking part in the congress. This year, 191 organisations from 16 countries, 750 papers and more than 2000 participants attended Geo-Siberia.

The Workshop was organized by the ICA Working Group on Cartography on Early Warning and Crisis Management (WGCEWCM), the International Society for Digital Earth (ISDE), the Regional Center of Ministry of Science and Technology of the Russian Federation. The Workshop confirmed growing interest in Early Warning and Emergency/Crisis Management topics, stressed the importance of cooperation between international organizations in the area of geoinformation and cartography, as well as in the Digital Earth at a professional and academic level, and demonstrated practical applications and potential of maps, GIS, Web mapping and visualizations.

The close cooperation of ICA and ISDE with SSGA, the main facilitator of the Workshop, shows the potential of applying theoretical, methodological and practical examples to facilitate innovative lectures, seminars and labs for SSGA students of cartography and geoinformatics.

Future Plans

The next two activities of WGCEWCM in 2010 are planned for Nessebar, Bulgaria (June) and Orlando, USA (November).

Milan Konečný | Chair | ICA Working Group on Cartography on Early Warning and Crisis Management | Czech Republic
**Drawing Out Conference**

An interesting conference took place between 7-9 April 2010 in Melbourne, Australia as a result of a creative collaboration between the RMIT University and the University of the Arts London.

The *Drawing Out* Conference aimed at exploring drawing as an activity that crosses boundaries between disciplines, thus highlighting drawing as a way of thinking, communicating and designing. Clearly cartography is at the forefront when it comes to understanding the role, power and potential of drawing for the above mentioned functions. Although the conference aimed at investigating the role of drawing in its widest sense, such as physical and virtual drawing, digital schemas, architectural and engineering designs, media and communication concepts, architectural and mathematical modelling, business and financial mapping, and legal, educational and political visualizations, cartographers have been invited especially to address drawing as a way of mapping. It was anticipated that cartography can give ideas on how drawing can inspire other practices and what opportunities exist for new technologies as a way of mapping our world.

**UN Geographic Information Management Meeting**

Dr Paul Cheung convened two meetings of an expert working group to discuss and coordinate critical issues in the field of geographic information management through the United Nations Statistics Division (UNSD) of the Department for Economic and Social Affairs (DESA) in cooperation with the Cartographic Section of the Department of Field Services (DFS). The first meeting was held in Bangkok in October 2009 followed by a meeting at the UN in New York on 10-11 May 2010. There were experts from 16 countries present at the second meeting with 15 regional and international organizations that included the International Cartographic Association (ICA). ICA President Bill Cartwright and Vice President Tim Trainor actively participated in the two-day session.

Participants reviewed current initiatives in geographic information management (GIM) on a global scale and reviewed the challenges for the future of GIM. From the UN perspective, the need and relevance of a global geospatial resource is important in order to respond effectively to various needs on global issues, humanitarian crises, and general support for sustainable development and place-based development strategies.

Coordination and sharing geographic data is one of the greatest challenges international organizations and governments face. Governments at various levels are developing, producing, and maintaining various elements of geographic information. Establishing a more formal framework would enable UN Member States to develop strategies for building and strengthening capacity for management of geographic information, especially in developing countries.

According to the final report of the May meeting, “…It was recognized that in the field of geographical information, professional organizations, such as…ICA…would have to play an important supportive role and would in turn see their specialized initiatives facilitated under the wider UN umbrella.”

In response to the need to advance proposals from the two meetings of experts, participants agreed to convene a Global Forum on Geographic Information Management in the Republic of Korea in September 2011.

The web link to the second preparatory meeting of the proposed United Nations Committee on Global Geographic Information Management is at unstats.un.org/unsd/geoinfo/meetings/10-11_may2010/.

**58th German Cartographic Conference**

The traditional *Deutscher Kartographentag* took place between 8-10 June 2010 in Berlin in the historical landmark of the city hall of Berlin Schöneberg. The Conference was organized superbly and attracted surprisingly large number of registrants, especially young cartographers.

This time the local organizers have opened the former German-only conference to international contributions, which has proven to be a good strategy. In general terms the conference demonstrated that cartography is again seen as a very attractive discipline that stimulates and attracts experts from other fields to participate. The meeting also highlighted the development of cartography at the highest level by the German cartographic community.

Apart from interesting sessions on nearly all aspects of modern cartography, there were some discussions regarding the upcoming International Cartographic Conference 2013 in Dresden, which promises to be an excellent event too.

**Participants of the United Nations’ Expert Working Group on Geographic Information Management at the UN in New York, USA | Photograph courtesy of William Cartwright**
reports
cartographic meetings and events  cont...

AutoCarto 2010

Sponsored by the Cartography and Geographic Information Society (CaGIS), AutoCarto 2010 will take place November 15-19, 2010 in Orlando, Florida. The 18th in the series, this international research symposium on computer-based cartography and GIScience will be held in conjunction with the American Society for Photogrammetry and Remote Sensing (ASPRS).


The focus of this joint meeting is Geospatial Data and Geovisualization: Environment, Security, and Society. Selected papers from the symposium will be published in the April 2011 special issue of the Cartography and Geographic Information Science Journal. Come join cartographers, geographers, geospatial analysts, GIScientists, and others conducting research on the cutting edge of the geospatial sciences from around the globe. The conference will be at the Doubletree Hotel located in the heart of Orlando, Florida, just steps from the entrance to the Universal Orlando Resort. Further information can be found at www.asprs.org/orlando2010/index.html.

Paul Young | United States Geological Survey | USA

Robert W Marx Tribute

At the Association of American Geographers (AAG) 2010 Annual Conference, 14-18 April, the US Census Bureau organized a special session to remember and memorialize the life and work of Robert W Marx, former Chair of the ICA Ad Hoc Commission on Population Cartography in the 1980s. As Chief of the Geography Division at the Census Bureau from 1983 to 2003, Bob Marx was the architect of the Census Bureau’s TIGER System which began in the early 1980s as a collaborative effort with the US Geological Survey. Bob was a visionary who sought ways to advance the importance of census geography and cartography through new technological developments that were made practical through useful applications. By making spatial data for the nation available, the TIGER effort opened the way for GIS development and created an entire new industry which continues to grow.

During the tribute, speakers recounted his many contributions to the profession throughout his career. John Adams, a fellow graduate and former Chair of the Geography Department at the University of Minnesota, offered details of Bob’s student days under John Borchert. Steven Guphill recounted the success of the collaborative work Bob led between the Census Bureau and the US Geological Survey. Tim Trainor, current Chief of the Census Bureau’s Geography Division, spoke of Bob’s contributions and his leadership in the development of TIGER and his role in the growth of GIS. Ron Abler, President of the International Geographical Union, spoke of Bob’s contributions to the science of geographic information. ICA President Bill Cartwright, recognized the importance of contributions by leaders like Bob to the success of the ICA and other professional organizations. Doug Richardson, executive director for the AAG told stories of personal experiences of the benefits and accomplishments fostered by Bob to the GIS industry worldwide.

The session was a fine tribute to a man who greatly influenced the spatial framework of the United States.

Timothy Trainor | US Census Bureau | USA

Jaques Bertin Tribute

Jaques Bertin, the famous French Semiology, died on 3 May 2010 at the age of 93 years. He was a Mannefelt Gold Medal holder and a pre-eminent influence on cartography worldwide. The French Committee of Cartography (CFC) have recently received many emails from French cartographers about Bertin’s influence on the French and global community of cartographers and information scientists over the last 40 years.

The CFC will commemorate Jaques Bertin’s life and work at the ICC 2011 Conference in Paris. A talk by a French cartographer and a special session on graphic semiotics is planned. A commemorative event is also planned for Thursday evening, 8 July 2010 in Paris during the ICA Executive Committee meeting with the French ICC 2011 Organizing Committee. Jacques Bertin’s obituary will be published in the next issue of ICA News No 55, December 2010.

Anne Ruas | Comité Français de Cartographie | France

calendar

june 2010

02-04: ISPRS Commission VI Mid-Term Symposium | Cross-Border Education for Global Geo-information | Enschede | The Netherlands | www.itc.nl/isprscom6/symposiun2010

15-19: 3rd International Conference on Cartography and GIS / ICA Symposium on Cartography for Eastern and Central Europe | Nessebar | Bulgaria | www.cartography-gis.com


July

03-06: InterCarto-InterGIS 16 | Rostov-on-Don / Salzburg | Russia / Austria | www.intercartogis.org

26-06 August: ICA Commission on Education and Training Cartographic Workshop | Jakarta | Indonesia | lazarus.elte.hu/cf/intercartogis.org/workshop/overview.pdf

September


01-05: 7th ICA Mountain Cartography Workshop | Mountain Mapping and Geospatial Information Retrieval | Borsa | Romania | www.mountaincartography.org/activities/workshops/

12-13: Workshop of the Commission on Generalisation and Multiple Representations | Zurich | Switzerland | aci.ign.fr/2010_zurich/workshop/phy


23-25: ICA Workshop on Theories of Map Design in Digital Era | Hong Kong | China

October


20-22: Workshop of the ICA Commission on National and Regional Atlases | Yogyakarta | Indonesia

November 2010


ica affiliate members

Organisations, institutions or companies wishing to support the mission and activities of the International Cartographic Association can become affiliate members. The following organisations support the ICA:

- Bundesamt für Kartographie und Geodäsie | Germany | www.bkg.bund.de
  Attn: Prof Dr D Grüneich, Director | dietmar.grueneich@bkg.bund.de

- Centro Argentino de Cartografía | Argentina | www.centroargentinodecartografia.org
  Attn: Prof Carmen Alicia Rey, President | cac@centroargentinodecartografia.org

- Dubai Municipality | United Arab Emirates | www.dm.gov.ae

- East View Cartographic | United States of America | www.cartographic.com
  Attn: Matthew Tanaka | matthew.tanaka@cartographic.com

- Eko-Graf Cartographic Publishing House | Poland | www.ekograf.pl

- ESRI | United States of America | www.esri.com
  Attn: Mark Cygan | mcyan@esri.com

- Geospatial Information Authority of Japan | Japan | www.gsi.go.jp
  Attn: Mito Takaqi, Chief of Environmental GeoInformation Section | mito@gsi.go.jp

- Indian National Cartographic Association (INCA) | India | www.incaindia.org
  Attn: Shri KC Rout, Secretary General | routkc@yahoo.com

- Institut Cartografic de Catalunya | Spain | www.icc.es
  Attn: Jaume Miranda i Canals, Director | miranda@icc.es

- Institut Géographique National | France | www.ign.fr
  Attn: Mr Jean-Philippe Lagrange, Director | jean-philippe.lagrange@ign.fr

- Instituto Geográfico Nacional | Spain | www.ign.es
  Attn: Sebastian Mas Mayoral | smas@mfom.es

- Intergraph | United States of America | www.intergraph.com
  Attn: Vince Smith | vince.smith@intergraph.com

- International Institute for Geo-Information Science and Earth Observation (ITC) | The Netherlands | www.itc.nl
  Attn: Corine van Elzakker | elzakker@itc.nl

- Land Information New Zealand | New Zealand | www.linz.govt.nz
  Attn: Geoff Howard | ghoward@linz.govt.nz

- Moscow State University of Geodesy and Cartography | Russia | www.miigaik.ru
  Attn: Professor Vassily A Malinikov, Rector | lgm@miigaik.ru

- National Hydrographic Office | India | www.hydrobhurat.nic.in
  Attn: BR Rao, Chief Hydrographer | info@dataone.in

- National Land Survey of Finland | Finland | www.nls.fi
  Attn: Heli Ursin | heli.ursin@nls.fi

- Navionics Hydrographer | Italy | www.navionics.com
  Attn: Francesco Pezzana, Managing Director | pezzana@navionics.it

- Navteq | The Netherlands | www.navteq.com
  Attn: Dr Kees Wevers | kees.wevers@navteq.com

- Ordnance Survey | United Kingdom | www.ordnancesurvey.co.uk
  Attn: Bob Lilley | blilley@ordnancesurvey.co.uk

- Polskie Przedsiębiorstwo Wydawnictw Kartograficznych (PPWK) | Poland | www.ppwk.pl
  Attn: Dr Beata Konopska | b.konopska@ppwk.pl

- Rectas | Nigeria | www.rectas.org
  Attn: Dr Olajide Kufoniyi, Executive Director | rectas@ouaife.edu.ng or kufoniyi@skanet.com.ng

- Regional Centre for Mapping of Resources for Development (RCMRD) | Kenya | www.rcmrdd.org
  Attn: Dr Hussein O Farah, Director General | rcmrd@rcmrdd.org

- Star Informatic Publishing Solutions | Belgium | www.star.be
  Attn: Paul Duré, Head | paul.dure@star.be

- Union of Chambers of Turkish Engineers and Architects, Chamber of Surveying and Cadastre Engineers (UCTEA-CSCE) | Turkey | www.hkmo.org.tr
  Attn: Prof Dr Necula Ulugtekin, Head of the Commission on Cartography and Geospatial Informatics | hkmo@hkmo.org.tr

  Attn: Lynn Usery | usery@usgs.gov

- University of Architecture, Civil Engineering and Geodesy, Faculty of Geodesy | Bulgaria | www.uacg.bg
  Attn: Dr Temenujka Bandrova | bandrova_fgs@uacg.bg

- University of Baladmand | Lebanon | www.baladmand.edu.lb/english/GIS.asp
  Attn: Prof Dossama Dadayel, GIS Center Academic Director | info@baladmand.edu.lb

ICA welcomes new affiliate members; for more information, please contact:

- David Fairbairn | Secretary General & Treasurer | ICA | dave.fairbairn@newcastle.ac.uk
<table>
<thead>
<tr>
<th>Children's Map Gallery 2009 Winners</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Benas Turskis</strong></td>
</tr>
<tr>
<td>Rietavas Laurynas Ivinskis</td>
</tr>
<tr>
<td>Gymnasium: Rietavas</td>
</tr>
<tr>
<td><strong>Dora Sakuntala</strong></td>
</tr>
<tr>
<td>SD Tarakanita Citra</td>
</tr>
<tr>
<td>Raya: Banten</td>
</tr>
<tr>
<td><strong>Vanessa Giroto Muniz</strong></td>
</tr>
<tr>
<td>Fundação Bradesco: São Paulo</td>
</tr>
<tr>
<td><strong>Landon Parish and Joy Jackson</strong></td>
</tr>
<tr>
<td><strong>Beatriz Borroso Gstrein</strong></td>
</tr>
<tr>
<td>Colegio San José: Estepona</td>
</tr>
<tr>
<td><strong>Benas Turskis</strong></td>
</tr>
<tr>
<td>Rietavas Laurynas Ivinskis</td>
</tr>
<tr>
<td>Gymnasium: Rietavas</td>
</tr>
<tr>
<td><strong>Dora Sakuntala</strong></td>
</tr>
<tr>
<td>SD Tarakanita Citra</td>
</tr>
<tr>
<td>Raya: Banten</td>
</tr>
<tr>
<td><strong>Vanessa Giroto Muniz</strong></td>
</tr>
<tr>
<td>Fundação Bradesco: São Paulo</td>
</tr>
<tr>
<td><strong>Landon Parish and Joy Jackson</strong></td>
</tr>
<tr>
<td><strong>Beatriz Borroso Gstrein</strong></td>
</tr>
<tr>
<td>Colegio San José: Estepona</td>
</tr>
</tbody>
</table>