

INTERNATIONAL CARTOGRAPHIC ASSOCIATION CARTOGRAPHIQUE INTERNATIONALE

ica news

nouvelles de l'aci

1980 : tokyo

1982 : warsaw

1983 : the beginning

ica newsletter



bernard gutsell

canada



roger anson

united kingdom

INTERNATIONAL CARTOGRAPHIC ASSOCIATION / ASSOCIATION CARTOGRAPHIQUE INTERNATIONALE

ICA NEWSLETTER



EDITORS: R.W. Anson / Oxford Polytechnic / Oxford OX3 0BP / United Kingdom
B.V. Gutsell / University of Toronto Press / Downsview M3H 5T8 / Canada

Number 1, June 1983

A MESSAGE FROM THE PRESIDENT ICA

Dear Colleagues: It is a pleasure to introduce the first issue of the Newsletter of the International Cartographic Association. The idea of such a publication was conceived at the Sixth General Assembly in Tokyo, 1980. It was generally felt there that the irregular, infrequently appearing *Bulletin* of the International Geographical Union, in which ICA news has been published since 1964, did not fulfil its purpose as an adequate cartographic news medium. Consequently, a separate ICA newsletter was recommended. Due to various circumstances, however, realisation of this project was delayed. Thanks to the initiative of Bernard V. Gutsell (the Canadian member of the ICA Publications Committee and Editor of the journal *Cartographica*), and the generous support of the University of Toronto Press, obstacles were removed, and now the manuscript of the first ICA

XIth INTERNATIONAL CARTOGRAPHIC CONFERENCE

29th July – 4th August, 1982, Warsaw, Poland

The 1982 Conference in Warsaw was a remarkable success in view of the political uncertainties in Poland. Participants numbering 437, representing 38 countries made the journey to Warsaw and their efforts were repaid by a meeting noted for a variety of interesting papers, a magnificent exhibition and hospitality from the host country that surpassed anything most visitors could have expected.

In total, 56 papers were presented in 9 sessions and one poster session. Most of the lectures dealt with the applications of known cartographic facts within applied situations and there was little evidence of the results of new and original research. Unfortunately, the quality of the visual presentation of materials relating to many papers left much to be desired. As during the Tokyo Conference, cartog-

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NUMBER 15/MAY 1990

The International Task Force on Women in Cartography

The Secretariat of The International Task Force on Women in Cartography, established in Ottawa, Canada early in 1989, is now embarking on its survey, report and recommendations on the status of women in cartography. The survey will examine societal trends in equality of the sexes, measure the status of women in cartography, provide an overview of the involvement of women in the ICA, determine what kinds of barriers have contributed to the disproportionately low participation of women in the ICA and in cartographic activities internationally, propose strategies for change, and make a variety of recommendations. Results will be published by summer 1991.

Created by ICA President D.R.F. Taylor, the Task Force is co-chaired by Dr. Eva Sikierska of the Can-

ada Centre for Mapping, Energy, Mines and Resources, Canada, and by Ms. Edel Lundemo, Head of the Norwegian Exhibition, Norwegian Mapping Authority.

The Task Force itself is international, with members from ten countries: Australia, Canada, Finland, Hungary, Mexico, Norway, the People's Republic of China, Sweden, the United Kingdom and the United States. A series of formal and informal meetings held at the Budapest conference in August drew participation from many female cartographers as well as interest from a number of male delegates. Six of the ten Task Force members were present in Budapest, and with written or oral submissions from those not present, approaches to the survey and final report were thoroughly discussed. The Task Force is hopeful that a second meeting can be held before the survey recommendations are published.



Co-chairs of the Task Force on Women in Cartography, Dr. Eva Sikierska (centre) of Canada, and Ms. Edel Lundemo (right) of Norway following a tour of Budapest organized by Dr. Arpad Papp-Vary (left), ICA Vice-President and Chair of the ICA Hungarian National Committee, which organized the Budapest conference last August.



ICA Executive Committee Meeting at Wuhan, P.R. China

ICA NEWSLETTER



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NUMBER 15/MAY 1990

Executive Committee

The ICA Executive Committee met in the People's Republic of China on 24-25 April 1990. Important items are summarized for members.

Publications
Papers were presented at the Conference of publishing all papers will be very important cost of mailing to all the Budapest Conference Committee is situation, and an alternative procedure to be found.

Principles
The principle that a published conference should be available and fees should include this requirement and budgets.

Statutes
The committee required to support the application has been completed. However, the committee of ICSTU has deferred all until October 1990 for decisions.

UNESCO
The committee's application for NGO membership has been accepted.

Applications
Activity by Vice President Duch Gary, African countries have indicated an application. This interest is being followed actively has set an objective of five new members at the Bournemouth Conference. There has been received from the Cartographic Society in Taiwan; the President and Secre-

tary General discussed the political implications with officers of the Chinese Foreign Affairs Department and government mapping officials from Beijing. The application was welcomed and, subject to some minor conditions, could be acceptable if the cartographers from Taiwan agree.

Affiliate Membership

The changed rules now allow for wider affiliate memberships. The USGS, Intergraph and IGN have all joined as Affiliate Members.

Other organizations being approached include ESRI, SIEMENS and the Ordnance Survey.

Status of Task Force on Women in Cartography

A working group under the leadership of Dr. Eva Sikierska of Canada has been very active and will be sending out questionnaires to women cartographers around the world. Anyone interested should contact Eva or the Secretary General.

IUSM

The progress of the organization has not been smooth as the Statutes have required constant amendment to satisfy the needs of each member organization and potential members.

Following the General Assembly meeting in Budapest, a Statutes Committee sought amendments and submitted a draft to the Executive Board that met in Helsinki. After further changes, the Statutes were accepted by all parties, a move that also paved the way for applications for membership by the International Association for Geodesy (IAGG), the International Hydrographic Bureau (IHB), the Hydrographic Society and SOSEA.

The credit for guiding this difficult task through to



The ICA Executive Committee at Wuhan April 1990

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NUMBER 15/MAY 1990

Executive Committee

The committee has continued with a wide range of activities to enhance the status of Cartography world and to ensure that ICA is recognized as the authority for matters of cartography. A summary of the activities

of ICA as an NGO member with UNESCO is beginning to have benefits in the world and to ensure that ICA is recognized with digital standards to answer a request at the 11th UN Regional Conference in Bangkok. President Taylor, Chairman of the committee and was invited to submit a paper from ICA to the 11th UN Regional Conference held in February 1991. The paper was in the form of a monograph and was the work of a committee established in Morelia to deal with the Transfer of Spatial Data. The paper was attended by the Secretary General and a very positive result for ICA in this forum.

A brochure to highlight the activities of ICA has been produced and is available from the Secretary General.

difficulties and the poor quality of the proceedings, full Proceedings of the Conference will not be available. In view of this, the committee will examine the copy with a view to the Proceedings in microfilm form. If a microfilm set will be sent to members. The guidelines are to be prepared to ensure that the proceedings are included in the budget for the next year.

The Organising Committee and planning is all in place and on schedule. The registration brochure is now published and available.

A high standard of technical papers has been selected for plenary presentations supported by a large number of visual display presentations.

A large display of maps will be on view and an impressive Trade Exhibition displaying the latest technology will ensure that delegates will be saturated with the latest information over the 10-day period of the Conference.

An excellent social programme has been arranged and there will be an opportunity to see a truly beautiful part of England. Many tours can be arranged locally in addition to those shown in the brochure.

General Assembly. Members are reminded that the 9th General Assembly will be held concurrently with the Conference and any matters to be addressed should be advised to the Secretary General as soon as possible.

3 Cologne 1993
The next technical conference will be held in Cologne, Germany in 1993. A provisional programme is in place and information will be available in Bournemouth.

MEMBERSHIP

The Executive Committee has continued to try and attract new member nations. Personal approaches and letters of invitation have been sent to many Latin American, Asian, African and European countries that are not members.

Affiliate Membership: this category has also been actively pursued and has resulted in the ICN of France, the USGS of the United States, INEGI of Mexico and Intergraph USA, either joining or indicating that they intend to. The Maxwell Publishing firm has also indicated that they will join as an Affiliate Member. This type of membership broadens the scientific base of ICA.

ICA APPLICATIONS

The application by ICA to the International Council of Scientific Unions (ICSU) was accepted in 1990 - a reward for persistence by Executive Committee over the last 3 years and a recognition of the scientific base of cartography.

The application to UNESCO has also been accepted as an NGO member with Mutual Information Relationship, Category C. This membership opens the way to more involvement with UNESCO programmes dealing with the environment, education, technology transfer in less advanced countries.

INTERNATIONAL UNION FOR SURVEYING AND MAPPING (IUSM)

The Statutes for IUSM have now been finalised and are reprinted herein for the benefit of members.

1983 - 1994



jean-philippe grelot
france

ICA NEWSLETTER



EDITOR : Jean-Philippe Grelot / Association Cartographique Internationale / 136 bis rue de Grenelle / 75007 PARIS

NUMBER 25 / SEPTEMBER 1995

Editorial

This is the 25th issue of the *ICA Newsletter*; this number should be an indication of the interest shown by the 'ICA Family' upon the circulation of information among its members. This is the vision of the Executive Committee, but the *Newsletter* should not only be a 'top-down' media. We are now considering a new structure for the journal in order to improve its accessibility. Some basic sections are natural :

- administration of the International Cartographic Association : reference documents such as statutes, guidelines, etc. ;
- reports of the meetings of the Executive Committee ;
- activities of the commissions and working groups ;
- publications ;
- joint activities with international sister societies ;
- International Cartographic Conferences and other cartographic meetings.

Other sections could be added, especially if input is given by many of you : the *ICA Newsletter* is **your** journal. The Executive Committee asked Christopher Board for proposals : do not hesitate to contact him.

The *ICA Newsletter* # 25 is intended for a large distribution during the 10th General Assembly and 17th International Cartographic Conference in Barcelona. For this reason, it contains a draft version of the terms of reference of commissions and working groups for the period 1995 to 1999, which will be finalized during these events for final approval by the General Assembly during its final session.

The commissions and working groups are the fundamental tools, and I would say *raison d'être*, of the International Cartographic Association to complete its objectives. The terms of reference are their guidelines, but also the window of the Association for its various publics : cartographers active or

currently less active in the ICA, sister societies, international organization, etc. The better they will reflect your ideas upon cartography, the better they will serve the ICA. Use the opportunity of the meetings to interact with the chairpersons or nominees for chair of the commissions and working groups and help them now - and more profitable during the coming period.

Jean-Philippe Grelot, Secretary-General of ICA

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christopher board
united kingdom



ICA News Nouvelles de l'ACI

Number 26, Summer 1996 Numéro 26, Été 1996

Scottish President

Michael Wood elected at the 10th General Assembly in Barcelona.



Michael was born in 1941, is a graduate of Aberdeen University and holds a Diploma in Cartography from Glasgow University. He has been President of the British Cartographic Society and is Honorary President of the Society of Cartographers. Well-known for his many papers on map design. Page 8

From the President

The ICA is a splendid organization. Through the ceaseless energy and dedication of its scientific experts, it continues to grow from strength to strength. One feature of this new session (1995-99) has been increased communication between members, especially via the Internet. Electronic mail is now one of my main links to the power source of the ICA officers and member nations. Every day I am in contact with friends across the world. The World-Wide Web too is becoming a feature of the organization and increasing numbers of Commissions and Working Groups are establishing Home Pages. Watch for the Executive Home Page (from Aberdeen) to be published in the autumn! The most visible innovation, however, is the new look ICA newsletter! It is my special pleasure to launch it here and wish the new Editor, Chris Bourd, and the contributors (you!) a successful and influential future.

Michael Wood

New Vice Presidents

Milan Konecny (Czech Rep.)
Bengt Rystad (Sweden)
Joel Solis (Phillipines)
Regina Vasconcelos (Brazil)
Profiles on pages 2 and 16

Barcelona Conference Highlights

- Over 1300 attended (378 from Spain) largest ever ICA conference
- Opened by Jordi Pujol, the President of the Generalitat of Catalonia.
- Picture page 3
- Over 2300 documents in 3 Cartographic Exhibitions
- Exceptional Exhibition of 51 Portolan Charts kept in Spain
- First exhibition on Philately and Cartography at ICA
- 120 final World Maps for the Barbara Petchenik Competition. Winners on page 9

ICA Business in General Assembly

- Vote for 1999 venue of Assembly is for Ottawa, Canada's Federal Capital
- No subscription increase for 1995-99. Page 6
- Retirement of President Fraser Taylor, who steps on Executive Committee.

Commissions and Working Groups

- Commission on Advanced Technology no longer needed

New ones established 1995

- Cartography and Children
- Gender and Cartography
- Map Generalization
- Spatial Data Quality
- Visualization

Workshop for Chairs of Commissions and Working Groups aid formulation of their plans. Page 2

Workshop for Chairs of National Committees and National Delegates to ICA generated valuable exchange of views in Barcelona.

Achievements of ICA

A new booklet explaining the aims, objectives and work of ICA from 1991-95 is now available. Page 15

Future events

Plan your future activities round the dates of meetings of ICA and relevant international bodies. Page 15

New definition of Cartography adopted as Resolution 1 by the General Assembly:

- the discipline dealing with the conception, production, dissemination and study of maps.

- a map is a symbolised image of geographical reality, representing selected features or characteristics, resulting from the creative effort of its author's execution of choices, and is designed for use when spatial relationships are of primary relevance.
- a cartographer is a person who engages in cartography

Editorial

In his keynote address to the conference in Barcelona Joel Morrison wanted us to expect change to be the normal state. The former ICA Newsletter has not escaped these forces and will, after thirteen years of consistent publication under the editorship of Bernard Gossel, appear in a new style. We have, perhaps, really decided to make some radical changes. Some readers will recognise familiar topics and spot some new ones. As a new boy I hope you will find these changes worthwhile.

One innovation will be a letters column, which will give everyone an opportunity to air views. Letters to the Editor will, I hope, reflect your views on the significance of ICA News. I expect you will tell me when I have made mistakes. Don't forget to let me know when you 'like something' too. And I imagine letters will take the form of a Chronicle which could lead to a discussion in the pages of future newsletters. Above all I want to cultivate the view that ICA News is a vehicle for discussing all sorts of questions of interest to cartographers across the world. It would be a mistake to regard ICA News merely as a mechanism through which the Executive Committee of ICA or ICA members communicate with member nations and cartographers in those countries. We shall be exploring the possibilities of putting ICA News on the World Wide Web, in relation to other developments mentioned by the President on this page.

I am aiming to publish in April and October each year with an extra number in 1997 before the next General Assembly in Ottawa, Canada. Deadlines for receiving material for consideration are 1st March and 1st September.

If you want to know how to send news items, letters and comments to me see page 15 for further details.

Christopher Bourd

Headlines

For the Executive Committee my first two years as News Editor of the ICA News distributed.

We are aware that the electronic means of publication, me to me as typeset, can often be as is appropriate encourage anyone to send a contribution to be of interest to can do to increase if information wide is worth simply one of the is disseminated, going down into a Committee. It is this, the Commission is one are now greatly is of communication rich render inter- assignments more had to rely on air- national organiza- have larger and newsletters, no For present we try to retain the

restly simplifies textual contents are

royal Swedish Geographical Society conferred an Honorary Fellowship on the President in October 1997, for services to cartography.

Obituaries We regret to announce the deaths of several well known cartographers in recent months.

Rolf Bohme, 13 May 1997, aged 80. An appreciation appears on page 10.
George F. Jenks, died 29 December 1996, aged 80. Jenks received his PhD from Syracuse University. He was Professor of Geography at the

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Number 29, Winter 1997 Numéro 29, Hiver 1997

<http://www.abdn.ac.uk/ica>

"poured into" the pages. In the short term we cannot justify enlarging the number of pages or using more than one colour. Fortunately an increase in the print run does not result in a commensurate increase in cost of production. However, the costs of distribution might well increase commensurately if the number of recipients were substantially increased. At ICC'97 chairs of Commissions and Working Groups and delegates all wanted ICA News to be put on the World Wide Web, but it was also recognised that the hard-copy version was also essential. I am already investigating the options available and the likely cost implications for ICA. At present the numbers of copies of ICA News sent out reflect guidelines suggested by the Executive Committee. If chairs of Commissions, Working Groups or National Committees want more copies sent to them, I shall need to know how many by the end of April next year. Depending on the demand, upward adjustments may be made, subject of course to the approval of the Secretary-General and Treasurer.

Letters and any other contributions of short or reasonable length are invited, to be arrived by 1st April 1998.

Christopher Bourd
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London School of Economics, Houghton
Street, London WC2A 2AE, U.K. e-mail:
c.bourd@lse.ac.uk

Awards for the President
The honorary degree of Doctor of Science was conferred on Michael Wood by Oxford Brookes University in September 1997. The

Royal Swedish Geographical Society conferred an Honorary Fellowship on the President in October 1997, for services to cartography.

Obituaries We regret to announce the deaths of several well known cartographers in recent months.

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George F. Jenks, died 29 December 1996, aged 80. Jenks received his PhD from Syracuse University. He was Professor of Geography at the

University of Kansas, Lawrence, Kansas, U.S.A. from 1949 to 1986. Source: AAG Newsletter 32 (5) 1997, p.31; Cartography and Geographic Information Systems, Vol. 24 (1) 1997, pp.56-59.

John C. Sherman, died 21 October 1996 also aged 80. He received his PhD from the University of Washington, Seattle, U.S.A. and was Professor of Geography at that University. Source: Association of American Geographers Newsletter, Vol. 32 (1) 1997, p.15.

John P. Snyder, died 28 April 1997, aged 71. John Snyder was a chemical engineer who joined US Geological Survey in 1980. There he worked on map projections, on which he has published seven books. He was President of the American Cartographic Association in 1990-91. Source: The Washington Post.

Bogdan Windl, died 14 December 1996, aged 74. An obituary in Polish has been published in *Prace Instytutu Kartograficznego*, Volume 29 (1) pp.63-67. It included a list of his publications and maps for which he was responsible.

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Secretary-General & Treasurer's Address
Jörg-Philipp Grottel, Institut Geographische
National, 136bis rue de Grenelle, 75700
Paris, France.

Highlights of ICC'97

Some 1100 participants attended the 13th International Cartographic Conference in Stockholm between 23 and 27 June 1997. Over 150 papers were presented and 170 poster displays were given during that time. A record number of papers of Proceedings was published in four volumes. The International Map Exhibition included over 900 maps from 40 countries. Considerable interest was expressed in the session on Maps on the Internet which packed one lecture hall to capacity. Awards for the best children's maps in the Barbara Petchenik Competition and in the International Map Exhibition were decided for the first time by popular vote.

Dispatches

Years preparing several issues of activity is what one's busy demand. And so we find ourselves exposed to the effect of the global economy: global issues related to the environment (such as warming, greenhouse effect), etc, which in turn requires global databases, global maps, global standards, etc. Hence, for the discipline of Cartography this has prompted winds of change as well. Clients, either government or private organisations, need global maps for resource or hazard assessment, for decision making, and to facilitate discussions among people of different backgrounds. We work more closely with professionals of other disciplines, and our role as map producers has changed enormously during this century. We have been invited to explore new alternatives to produce more effective maps, capable of integrating a variety of spatial data and maximize visual communication. Many cartographers have developed new expertise, profiting from technologies such as the WWW, multimedia and cartographic animations with the purpose of generating better communication tools. Likewise, this newsletter was conceived as a means of communication among professional Cartographers and other related disciplines around the world. As we step into the new Millennium, let us benefit from the technological advances in communication, allowing others to know what is happening in our region or country.

We are all members of this worldwide family, and as such, it is our right to be informed about what is happening. Likewise, it is our duty to communicate the news in our environment to the rest of the family. So I encourage you to provide news about your region, country or continent. I look forward to receiving news via electronic mail, by fax, to make this newsletter your means of communication.

Contributions can be sent via fax: +61-8-9266 2703; email: graciela@vesta.curtin.edu.au; or by post via anonymous login and password to jimmi.cage@curtin.edu.au, where a directory graciela@ica.com has been especially created to allow anybody dropping digital files. Digital submissions in Word for Windows 95/97 format are preferred, although text files (.txt) or rich text format (.rtf) can be read as well. All photographs

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We are living in an exciting time of continuous change. Previous concepts about the limits and concerns of disciplines are changing. Boundaries are becoming more fuzzy, and we talk more and more about

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Number 32, August 1999 Numéro 32, août 1999

<http://www.msu.edu/~olson/ica>

"integration" of disciplines, rather than spending time setting boundaries to separate them in a clear and distinctive manner. The impact of many issues previously thought of as country or regional concerns are now global. And so we find ourselves exposed to the effect of the global economy: global issues related to the environment (such as warming, greenhouse effect), etc, which in turn requires global databases, global maps, global standards, etc. Hence, for the discipline of Cartography this has prompted winds of change as well. Clients, either government or private organisations, need global maps for resource or hazard assessment, for decision making, and to facilitate discussions among people of different backgrounds. We work more closely with professionals of other disciplines, and our role as map producers has changed enormously during this century. We have been invited to explore new alternatives to produce more effective maps, capable of integrating a variety of spatial data and maximize visual communication. Many cartographers have developed new expertise, profiting from technologies such as the WWW, multimedia and cartographic animations with the purpose of generating better communication tools. Likewise, this newsletter was conceived as a means of communication among professional Cartographers and other related disciplines around the world. As we step into the new Millennium, let us benefit from the technological advances in communication, allowing others to know what is happening in our region or country.

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materials shall be submitted as hardcopy to the following address: Dr Metternich, School of Spatial Sciences, Curtin University of Technology, GPO Box U 1987, Perth 6845, Western Australia

Graciela I. Metternich,
June 1999

New Editor of ICA News



Dr Graciela Isabel Metternich, who will take over the editorship of ICA News after the ICA Conference in Ottawa, is a Senior Lecturer in the School of Spatial Sciences, Curtin University of Technology, Perth, Western Australia. She teaches at the postgraduate and undergraduate level and undertakes the supervision of PhD and Masters students. She was born in Argentina, graduated in National University of Litoral, Santa Fe in 1985, has a Masters degree from ITC on the use of remote-sensing imagery for monitoring land-cover changes, and gained a PhD summa cum laude on land degradation with reference to part of Bolivia from the State University of Gent and ITC in 1986. Her research interests are in remote sensing for environmental monitoring, animated cartography, environmental modelling and the integration of GIS and remote sensing. In November 1998 she was granted a 3-year research project on rapid assessment and monitoring of vegetation degradation in agricultural landscapes. She has been on the staff at Curtin University since 1996, having held research and teaching posts in Argentina in the 1980s. She is involved in numerous research projects in Australia and in China. Dr Metternich is fluent in Spanish, English and Italian and is the author of numerous articles in professional journals.

Dispatches

Years preparing several issues of activity is what one's busy demand. And so we find ourselves exposed to the effect of the global economy: global issues related to the environment (such as warming, greenhouse effect), etc, which in turn requires global databases, global maps, global standards, etc. Hence, for the discipline of Cartography this has prompted winds of change as well. Clients, either government or private organisations, need global maps for resource or hazard assessment, for decision making, and to facilitate discussions among people of different backgrounds. We work more closely with professionals of other disciplines, and our role as map producers has changed enormously during this century. We have been invited to explore new alternatives to produce more effective maps, capable of integrating a variety of spatial data and maximize visual communication. Many cartographers have developed new expertise, profiting from technologies such as the WWW, multimedia and cartographic animations with the purpose of generating better communication tools. Likewise, this newsletter was conceived as a means of communication among professional Cartographers and other related disciplines around the world. As we step into the new Millennium, let us benefit from the technological advances in communication, allowing others to know what is happening in our region or country.

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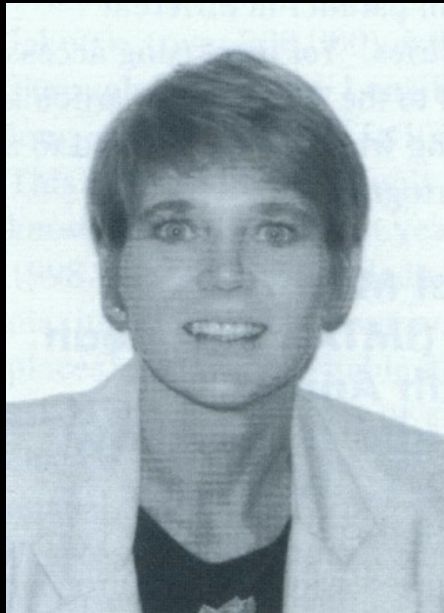
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1996 – 1999

ICA News August 1999



graciela metternicht

australia



ICA News Nouvelles de l'ACI

Number 33, December 1999 Numéro 33, Décembre 1999 <http://www.icaci.org>

Editorial

Another successful meeting of the worldwide ICAcommunity is over. Compiling the information for this Newsletter provided with the opportunity to know that Ottawa was a success from a technical and social point of view. I would like to acknowledge Chris Board and Alberta Auringer Wood for sharing with the readers their own views about Ottawa. Ferjan Ormeling, Michael Wood and Jacqueline Anderson also thoroughly contributed with different pieces for the post-Ottawa issue. I would also like to thank Sijf van der Steen, Carolyn Weiss, Alberta Auringer and Fraser Taylor for the materials sent to portray 'Ottawa in pictures'.

It has been quite an interesting task producing this issue, the first under my responsibility. Fulfilling a long-term desire of Chairs of Commissions and delegates, I plan to put the digital version of the Newsletter in the World Wide Web very soon. I am investigating the best alternatives to have the same layout on the Web as the hardcopy, so that it can be easily downloaded. I intend to finalize this process by February 2000. However, my priority was to produce the hardcopy and ensure a prompt distribution to the ICAcommunity, reflecting the guidelines suggested by the Executive Committee.

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I wish all the ICAcommunity a merry Christmas and an enjoyable beginning to the new Millennium.
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New Executive Commission

Dr Bengt Rystedt of Sweden and Professor Ferjan Ormeling (The Netherlands) were elected President and Secretary-General/Treasurer, respectively. Nine individuals had been duly proposed as candidates for no more than seven vice presidents' positions on the Executive Committee. At the final session of the General Assembly, the following were elected: Kirti Artimo (Finland), Assistant Prof. Dr. Milan Kocunsky (Czech Republic), Li Li (China), Professor Eli Lieberg (South Africa), Robert McMaster (USA), Takashi Morita (Japan), Alberta Auringer Wood (Canada). Dr. Michael Wood remains on the Executive Committee as Past President.

Christopher Board

President's Address

Dr Bengt Rystedt, National Land Survey, SE-801 82 Gävle, Sweden, email: Bengt.Rystedt@hig.se

Secretary-General and Treasurer's Address

Prof. Ferjan Ormeling, Faculty of Geographical Sciences, Utrecht University, P.O. Box 80115, 3508 TC, Utrecht, The Netherlands, email: f.orneling@geog.uu.nl

Commissions 1999-2003

The 11th General Assembly has approved seventeen Commissions, whose terms of references are described in pages 10 to 12). Commissions' Chair names and electronic mail are as it follows:

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3. Cartography and Children, Chair: Jacqueline Anderson (JA1H110@vax2.concordia.ca)
4. Gender and Cartography, Chair: Eva K.-Blum (ekblum@igf.rwth-aachen.de)
5. History of Cartography, Chair: Christopher Board (c.board@hac.ac.uk)
6. Census Cartography, Chair: Tim Davis (davis@statcan.ca)
7. Marine Cartography, Chair: Ron Furness (rfurness@ozemail.com.au)
8. Spatial Data Standards, Chair: Harold Muehlberg (gmuehl@osu.edu)
9. Theoretical Cartography, Chair: Alexander Woloshchenko (wolosh@kars8.geog.tu-dresden.de)
10. Visualization and Virtual Environments, Chair: Alan MacEachern (alan@geog.psu.edu)
11. Maps and the Internet, Chair: Michael Peterson (Michael.Peterson@utoronto.ca)
12. Map Generalization, Chair: Robert Weibel (weibel@geogr.uni-stuttgart.de)
13. Mapping from Satellite Imagery, Chair: Serge Le Hellec (serge.lehellec@netcom.com)
14. National and Regional Atlases, Chair: Timothy Tranter (ttranter@cenus.gov)
15. Mountain Cartography, Chair: Loetzel Hurni (hurni@kartio.ethz.ch)
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Every ICAmember nation has the right to propose members or corresponding members to the ICA commissions. Proposals by the national ICArepresentatives can be sent via electronic mail directly to the commission chairs. Alternatively, proposals for membership can be forwarded to the ICA Secretariat, i.e. Ferjan Ormeling. The commission chair will decide about applications to membership.

Ferjan Ormeling, Graciela Metternicht

ICA News Nouvelles de l'ACI

Number 37, December 2001 Numéro 37, Décembre 2001 <http://www.icaci.org>



ICA News Nouvelles de l'ACI

Number 48, June 2007 Numéro 48, Juin 2007 <http://www.icaci.org>

Cartographic Association

Association Cartographique Internationale



1999 – 2007



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Cartographic Association

Association Cartographique Internationale



1999 – 2007



igor drecki
new zealand



INTERNATIONAL CARTOGRAPHIC ASSOCIATION CARTOGRAPHIQUE INTERNATIONALE

ica news

nouvelles de l'aci

biannual newsletter | number :: numéro 50 | june :: juin 2008

president's report



Dear Colleagues

This is the second ICA Newsletter to be published under the Editorship of Igor Drecki. Igor has worked hard and enthusiastically to develop a new, contemporary look and feel for this important ICA publication. We hope that you enjoy reading this edition.

Executive Committee Meeting

The ICA Executive Committee met in Vienna over two days during February 3 and 4, 2008. This was the first 'working' meeting of the EC and a number of items were addressed. These were:

- Vice Presidents presented reports on the status of Commissions and Working Groups that they liaise with. These reports provide the Executive Committee with information about the activities and plans of what we consider to be the workhouse of the ICA.

- Discussions were held regarding a function to celebrate the 50th anniversary of the founding of the International Cartographic Association in Switzerland on 9th June 1959. It was agreed to hold a commemorative event on 9th June 2009 and a one-day symposium on 10th June 2009 in Switzerland. Vice President Anne Ruas is coordinating the plans for the event.
- The ICA Research Plan continues to be developed and it is planned to publish a position paper in the affiliated journals of the ICA. This builds on the plan developed by the last EC. Vice President Menno-Jan Kraak has asked Commission and Working Group Chairs for input into this process.
- ICA Newsletter editor Igor Drecki provided developmental plans to the EC for endorsement. Discussions were held about the format of future issues and it was decided to reduce substantially the number of printed copies distributed and to complement paper issues with an electronic counterpart (PDF) that can be downloaded from the ICA Web

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ica news the first 50 editions

May the ICA Newsletter serve its purpose and generate contacts between member countries, committees and commissions of the International Cartographic Association

Prof F.J. Omeling, President ICA, ICA NEWSLETTER No. 1, June 1983

The requirements for and possibility of generating an ICA Newsletter were conceived at the ICA's Sixth General Assembly in Tokyo in 1980. The project was further discussed with the late Prof F.J. Omeling (Groningen), the then President, during a late night working at the Palace of Culture and Science in Warsaw during the 12th International Cartographic Conference in July-August, 1982, when I was, "smoothing the English" for his closing address to delegates.

Subsequently, in December 1982, I arranged my first meeting as Chair of the Publications Committee at the Royal Society in London, and a formal proposal to publish a Newsletter was tabled by Professor B.V. Gubail of York University, Toronto, Canada. This was unanimously accepted, and Bernard agreed to act as a co-editor, provided that I shared the workload with him. As founder and Editor of the highly respected journal 'Cartographica', he had excellent contacts with the University of Toronto Press which agreed to reproduce, print and distribute the new publication. My own experience was as an Editor at Pergamon Press Ltd in Oxford. Sadly only a few of us who were involved in making this important decision on behalf of the ICA are still alive to read this 50th issue.

Bernard took responsibility for the co-ordination of the project, the chasing of potential contributors; editorial work, page make-up, and liaison with the UTP. My role was largely one of anglicising reports and submissions from non-English speaking member nations, together with editorial work. Invitations to make regular contributions were sent to the Executive Committee, Chairs of the then Commissions, National Committees, Sister Societies and also Conference Organising Committees and interested individuals – a policy which has served the Association well over the last 49 issues since Number 1 appeared in June 1983.

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A short walk in the Simmental valley during the 6th ICA Mountain Cartography Workshop, Switzerland | Photography Christian Haefliger



of ica general assemblies 1961-2011

Assembly of member nation delegates to the ICA, held in Paris from 29 published in the Internationale Jahrbuch für Kartographie (IJK) (cartography) printed in Germany in 1961. It deals with the founding of the association into a well-governed and established organisation. The text below paraphrases the report in the Yearbook, giving not only a regional but also an international exchange of methodical in the field of cartography suggests itself more and more. For this (sweden) invited experts of different countries as early as 1956 to a first Esplanade Conference. In 1956, a second session of this kind was held

> 06



Members of the first Executive Committee of the International Cartographic Association elected in Paris, 1961 (standing from left: Stéphane de Brommer, France); Dennis E.O. Thwaites (UK); Granville K. Enninzer (USA); Edward Imhof (Switzerland); Carl M. van Marrewijk (Sweden); Erwin Gigg (West Germany) and Carlo Tassi (Italy). In the foreground: judging members of the Committee of Six: Lewis J. Harris (Canada) (left) and Quincey M. Fitch (USA) | Photography courtesy of ICA archives



INTERNATIONAL CARTOGRAPHIC ASSOCIATION CARTOGRAPHIQUE INTERNATIONALE

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president's report

Executive Committee 2007 - 2011

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

- William Cartwright, Australia: President
- David Fairbairn, UK: Secretary General & Treasurer
- 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, USA: Vice President
- Milan Korený, Czech Republic: Past President

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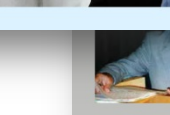
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ICA President Prof William Cartwright and Prof Pig Fitter at the first ICA Regional Symposium on Cartography for Australia and Oceania run in conjunction with GeoCart2010 in Auckland, New Zealand, 2010 | Photography Mamey Brogan



INTERNATIONAL CARTOGRAPHIC ASSOCIATION CARTOGRAPHIQUE INTERNATIONALE

ica news

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biannual newsletter | number :: numéro 60 | june :: juin 2013

president's report

International Cartographic Association

Reference 2013

preparations for the 13th International Cartographic Conference in Dresden

many have been the focus of many efforts. The Local

infred Buchthorner, chief and Benjamin

on preparing the of Laszlo Zentai and

an update on the during a short visit to

January 2013. We of Cartography and

the beautiful the River Elbe and

centre of Dresden, © 2013 will include

> 02

two plenary sessions every day, one in the morning and one in the afternoon, giving all participants the opportunity to come together before selecting one of the eight parallel sessions streams afterwards, inspiring keynotes are planned for the plenary sessions, some going beyond the subjects of our discipline but eventually adding new perspectives on topics of mutual interest. Also for the first time even, we plan to have all ICA Commission chairs on stage, highlighting the relevance and plans for their respective Commissions. Many attractive accompanying events are planned for young scientists, national mapping agencies and commercial exhibitors.

ICC 2013 will bring together cartographers and GIS science specialists from across the globe. It will be a very important forum for presenting scientific papers that illustrate recent efforts of the research community, professional papers that describe the cutting-edge cartography employed by mapping organizations, and

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Prof Georg Gartner, President of ICA (right) and Prof Milan Korený, former President of ICA (2003-2007) meet up at the 2013 Intergeo-Cartabria Congress in Novosibirsk, Russia | Image courtesy of Milan Korený

> 04

Christopher Board at the beginning of his appointment as Editor of ICA News, ICC 1995 in Barcelona, Spain | Photography courtesy of Christopher Board

Jean-Philippe Grelot at the 50th Anniversary of the ICA event held in June 2009, Bern, Switzerland | Photography Thomas Ming

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from 2007



special issue • september 2009

contents



International Cartographic Conference 2013

The preparations for the 26th International Cartographic Conference in Dresden, Germany have been the main focus of many

people in the last several months. The Local Organizing Committee – Manfred Buchroithner, Dirk Burghardt, Nikolas Prechtel and Benjamin Schröter – are working hard on preparing the event. Secretary General Prof László Zentai and myself had the chance to get an update on the status of the preparations during a short visit to Dresden between 24-25 January 2013. We can expect a 5-day festival of Cartography and Geoinformation Science at the beautiful Conference Centre right by the River Elbe and close to the spectacular city centre of Dresden. For the first time ever the ICC 2013 will include

two plenary sessions every day, one in the morning and one in the afternoon, giving all participants the opportunity to come together before selecting one of the eight parallel session streams afterwards. Inspiring keynotes are planned for the plenary sessions, some going beyond the subjects of our discipline but eventually adding new perspectives on topics of mutual interest. Also for the first time ever, we plan to have all ICA Commission chairs on stage, highlighting the relevance and plans for their respective Commissions. Many attractive accompanying events are planned for young scientists, national mapping agencies and commercial exhibitors.

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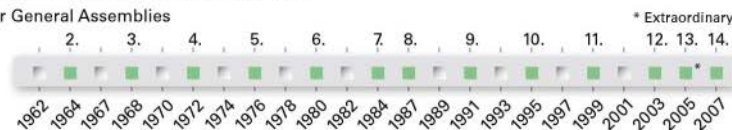


ETH Zurich: Lehmeyer, Cron, Jenny, 2009

ICA General Assemblies

- 1959 Foundation Meeting Bern, Switzerland
- 1961 First General Assembly Paris, France

Further General Assemblies



ICA Conferences and number of papers presented



Mapping the First 50 Years of ICA

The International Cartographic Association (ICA) was established fifty years ago in Bern, Switzerland. Since its founding in 1959 by twelve western European countries and the United States, the ICA has grown to include over 80 nations as members. To date, the ICA has organized 14 general assemblies and 23 international conferences with a total of more than 4,000 papers presented. With the ICC 2009 conference in Santiago, Chile, conferences will have taken place on all six continents. As illustrated by the map at left, Europe has hosted 14 of the past 23 conferences. The international character of the ICA has always been reflected by the diverse origins of the members of the executive committees and its 11 presidents. The International Cartographic Conferences normally take place every other year and are usually complemented every four years by a General Assembly of the national representatives. The first General Assembly took place 1961 in Paris, France, where Professor Eduard Imhof from Switzerland was elected the first President of the ICA. In 2011, Paris will host the 15th General Assembly and the 25th International Cartographic Conference.

The map uses the Ginzburg VIII projection, which distributes parallels with unusual increasing spacing, strongly inflating polar regions. This arrangement creates the required space for an enlargement centred on Europe, which is necessary to show all conference locations. The map background is Tom Patterson's Natural Earth II (see Tom's profile in *ICA News*, No. 50, June 2009).

ica news

agata ciołkosz-styk



My family home was always full of maps. As a young girl I liked to travel with my parents having a road atlas on my lap. Since then I became amazed how lines on maps turn into roads

and symbols denote real objects. I realized that knowing the cartographic language the maps are constructed with leads to a better understanding of the surrounding world.

This desire for understanding the world, its environmental processes and human interactions, led me to study geography at the University of Warsaw. After graduating I decided to do my masters in cartography as I had a premonition that it would give me a broader perspective on geography and its various areas of specialisation. My masters thesis was devoted to Polish topographical maps and their social and political determinants. That work showed me that maps should be treated not only as an effective tool for studying reality but also as an artefact, i.e. a product of the human mind which reflects contemporary and historical situations. During my cartographic studies I engaged in many additional initiatives, e.g. mapping urban areas, co-establishing a cartographic section of the Students' Geo-Science Club and

www.dgfk.net

KN Kartographische Nachrichten – Cartography and Geographic Information News – is the only cartographic journal of the German language area. The journal is among the oldest cartographic periodicals world-wide. It was established in 1951 as the journal of the German Society of Cartography (DGfK). In 1976, the journal has become the joint periodical publication of DGfK, the Cartographic Commission of the Austrian Geographical Society (ÖKK), and the Swiss Cartographic Society (SGK).

Apart from the early years, *KN Kartographische Nachrichten* is being published every two months, comprising about 60 pages per issue. It changed format several times and currently has a standard A4 (210 x 297mm) page size. Since 2004, the journal is reproduced in four process colours.

Each issue contains from four to six scientific articles on almost all aspects of cartographic development and research. So far, the articles are predominantly in German (with English summaries), but papers in English are also accepted. All articles are peer reviewed by relevant experts.

KN Kartographische Nachrichten also publishes short articles about recent technical developments in practical cartography and reports from national, as well as international cartographic conferences and other relevant events. Supplementary sections comprise regular accounts of activities in the German, Austrian and Swiss cartographic societies and



Recent cover of the *KN Kartographische Nachrichten* journal

ic database containing abstracts and citations for academic journal articles.

The aim of *KN Kartographische Nachrichten* is to be a platform for internal and external information exchange at a national level and a representative journal of the German speaking

profiles

CPD (the consumer) is addressed. Secondly, there is a range of suppliers of CPD resources including commercial companies, educational establishments or international learned societies. Thirdly, the material delivered also forms part of the model: there is a wide range of content, available material, and dissemination method.

The second paper entitled *The Changing Face of Cartographic Education and Training* has been prepared by three Commission members, Professor László Zentai, Professor Maria Cecília Bonato Brandalize and Associate Professor David Fraser, for the ICC 2011 conference. This paper discusses the issue faced by many cartographic departments and programs around the world. That is the demise of cartography as a discipline in its own right and the dispersal of cartographic theory and practice into many and varied education programs representing other disciplines.

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

Geospatial Analysis and Modeling

fromto.hig.se/~bjg/ica/

Commission Activities

A special issue on geospatial modeling and visualization, developed from the 3rd ICA Workshop on Geospatial Analysis and Mod-



Imre Demhardt explaining some cartographic principles in the Foscue Library of Southern Methodist University, Dallas, Texas | Photograph courtesy of Elri Liebenberg

History of Cartography

www.icahistcarto.org/

International Symposium in Arlington, Texas, USA

The ICA Commission on the History of Cartography held a successful Symposium at the University of Texas at Arlington (UTA) from 10-13 October 2010. The commission meeting was held in conjunction with the 7th Biennial Virginia Garrett Lectures on the History of Cartography on 8 October 2010, and the Fall

of participants were from the US, but others came from as far afield as Croatia, Hungary, South Africa, Brazil and the UK. On the closing day a separate session gave Prof Matthew Edney of the University of Wisconsin and Prof Roger Kain of the University of London the opportunity to explain their views in regards to the future development of Volume 5 of the *History of Cartography Project* of the Chicago University Press. Volume 5 of this prestigious publication will deal with the cartography of the 19th century.

To complement the Symposium, a special

commission and working group reports

intriguing as the use of public participatory GIS for understanding landscape values, application of fuzzy multi-criteria analysis for siting of medicinal vegetation, investigation of patch connectivity for brushtail possums and mapping endemic dolphins.

The next day started with an interesting keynote from self-confessed 'Mapsmith' Roger Smith, and then moved into the NZ Government mapping, with Geoff O'Malley and Andrew Ferrel (Land Information New Zealand) illustrating the past successes and future challenges faced by the New Zealand national mapping agency. Ken Field (Esri) entertained the audience with his provocative and superbly illustrated talk on re-imagining the art of cartography, while Anthony Robinson (Pennsylvania State University) talked about the challenge of designing map symbols for emergency management.

In the afternoon Prof Georg Gartner (ICA President) outlined the role of the ICA in modern cartography, followed by a thought stimulating Panel discussion with the keynote speakers. The day was rounded off by a fabulous Gala Dinner with great entertainment.

David Fairbairn began the final day with some interesting perspectives on how cartography is incredibly relevant in today's world, although there was a fair amount of debate over the 'Art' of cartography. William Cartwright talked about individual geo-narratives, following a WW1 Australian soldiers' journey to battle, after which we went on to a more recent



GeoCart'2012 in pictures: (top row from left) Aileen Buckley, Geoff Aitken, one of the plenary sessions; (middle row) Ken Field, Georg Gartner, Michelle Cooper, David Fairbairn; (bottom row) William Cartwright, Prof Cartwright addresses guests at GeoCart'2012 Gala Dinner, Antoni Moore | Photography Marney Brosnan

AutoCarto 2012



The Cartography and Geographic Information Society (CaGIS) held its

by Manfred Buchroithner introducing the ICC 2013 meeting in Dresden, Germany. CaGIS also partnered with the GIScience organizing committee to present a special joint panel session with Sara Fabrikant, Alan MacEachren, Stephen Hirtle, Menno-Jan Kraak, Anne Ruas

cartographic meetings and events

august 2013

22-23: ICA Commission on the History of Cartography, ICA Commission on Atlases and Joint ICA Working Group / IGU Commission on Toponymy Joint Workshop | *Historical Maps, Atlases and Toponymy* | Leipzig | Germany

22-24: ICA Commission on Maps and the Internet Meeting | *Historical Maps, Atlases and Toponymy* | Plzen | Czech Republic | gis.zcu.cz/kartografie/ICA_Commission_Meeting/

23: ICA Commission on Cartography and Children, ICA Commission on Maps and Graphics for Blind and Partially Sighted People, ICA Commission on Education and Training and ICA Commission on Planetary Cartography Joint Workshop | *Sharing Knowledge* | Dresden | Germany | lazarus.elte.hu/jointsymposium2013/

23-24: ICA Commission on Cognitive Visualization, ICA Commissions on GeoVisualization and ICA Commissions on Use and User Issues Joint Workshop | *Eye Tracking: Why, When, and How?* | Dresden | Germany | www.geo.uzh.ch/microsite/icacogvis/activities.html

23-24: ICA Commission on Generalisation and Multiple Representation and ICA Commission on Map Production and Geo-Business Joint Workshop | Dresden | Germany | generalisation-icaci.org/index.php/

september 2013

24-25: LADM 2013 : 5th International Land Administration Domain Model Workshop | Kuala Lumpur | Malaysia | wiki.tudelft.nl/bin/view/Research/ISO19152/LADM-2013Workshop/

october

03-04: Géomatique/Geomatics 2013 Symposium | Montreal, Quebec | Canada | www.geomatique2013.com/

09-11: GiT4NDM 2013 : 5th International Conference on Geoinformation Technologies for Natural Disaster Management | *Save the Earth with Informed Solutions* | Mississauga, Ontario | Canada | www.widm.igrdg.com/5thGiT4NDM.php

november

04-08: AfricaGIS 2013 and GSdi 14 Global Geospatial Conference | *Spatial Enablement in Support of Economic Development and Poverty Reduction* | Addis Ababa | Ethiopia | www.gsdi.org/gsdiconf/gsdi14/

06-08: URISA Caribbean Chapter's Regional Workshop | Sint Maarten

21-22: LBS2013 : 10th Symposium on Location Based Services | *Save the Earth with Informed Solutions* | Shanghai | China | www.lbs2013.org/

calendar

conference publications

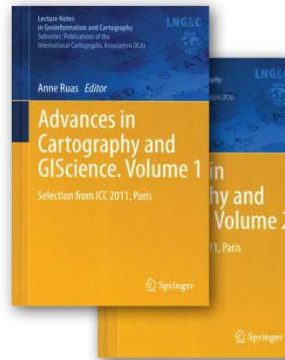


Anne Ruas (ed), *Advances in Cartography and GIScience*, Vol 1 and 2, Springer-Verlag Berlin Heidelberg, 2011

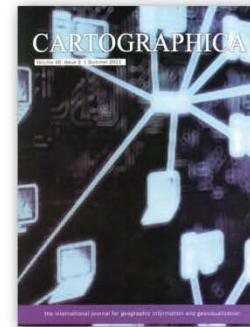
International Cartographic Exhibition Catalogue



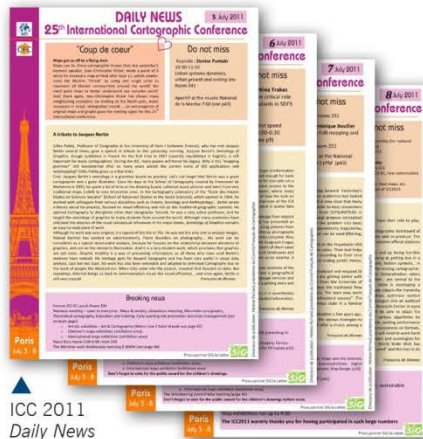
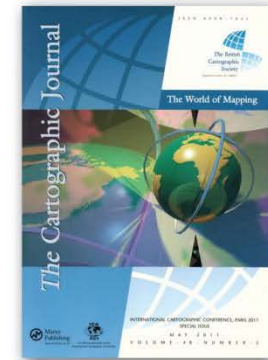
ICC 2011 Proceedings (USB flash drive)



Cartographica, Vol 46, Issue 2, Summer 2011



The Cartographic Journal, Vol 48, No 2, May 2011



ICC 2011 Daily News

2013 FROM POLE TO POLE

26th INTERNATIONAL CARTOGRAPHIC CONFERENCE

August 25-30, 2013 | Dresden, Germany

Dear colleagues,

The preparatory activities for the 26th ICC taking place in Dresden, Germany, are well on their way. In order to keep abreast of the latest developments feel free to check www.ICC2013.org. This site will continuously be updated and show the major issues of the ICC programme.

See you in Dresden!

Manfred Buchroithner,
Congress President

www.icc2013.org

icc reports

Association of Polish Cartographers |

Poland | www.polishcartography.pl

Attn: Dr Ing Joanna Bac-Bronowicz | joanna.bac-bronowicz@up.wroc.pl

Bundesamt für Kartographie und Geodäsie | Germany | www.bkg.bund.de

Attn: Prof Dr Ing Hansjörg Kutterer | hansjoerg.kutterer@bkg.bund.de

Centro Argentino de Cartografía |

Argentina | www.centroargentinodecartografia.org

Attn: Prof Carmen Alicia Rey | cac@centroargentinodecartografia.org

Chinese Cartographic Association (Chinese Taipei) | Taiwan-China | www.ccartoa.org.tw

Attn: Dr David Ding | davidyding@gmail.com

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

Attn: Ali Mohammed Alameri | aamalik@dm.gov.ae

East View Geospatial | United States of America | www.geospatial.com

Attn: Kent Lee | matthew.tanaka@cartographic.com

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

Attn: Roman Janusiewicz | ekograf@ekograf.pl

Esri | United States of America | www.esri.com

Attn: Mark Cygan | mcygan@esri.com

Faculty of Geo-Information Science and Earth Observation (ITC), University of Twente | The Netherlands | www.itc.nl

Moscow State University of Geodesy and Cartography | Russia | www.miigaik.ru

Attn: Prof Vasilij A Malinnikov | lgm@miigaik.ru

National Hydrographic Office | India | www.hydrobharat.nic.in

Attn: Rear Admiral SK Jha, NM | ia-inho-navy@nic.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 | pezzana@navionics.it

Ordnance Survey | United Kingdom | www.ordnancesurvey.co.uk

Attn: Paul Naylor | paul.naylor@ordnancesurvey.co.uk

Polskie Przedsiębiorstwo Wydawnictw Kartograficznych (PPWK) | Poland | www.ppwk.pl

Attn: Dr Beata Konopska | copernicus@ppwk.pl

Regional Centre for Mapping of Resources for Development (RCMRD) | Kenya | www.rcmrd.org

Attn: Dr Hussein O Farah | rcmrd@rcmrd.org

Regional Centre for Training in Aerospace Surveys (Rectas) | Nigeria | www.rectas.org

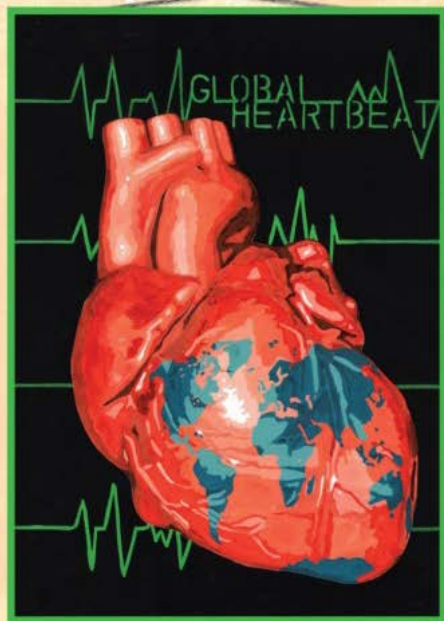
Attn: Prof Isi Ikhuoria | rectas@oauife.edu.ng

SuperMap Software | China | www.supermap.com

Attn: Li Ni | lini@supermap.com

Surveying and Spatial Sciences Institute (SSSI) | Australia | www.sssi.org.au

ica affiliate members



Robert Breebaart | 11 |
Global Heartbeat | Laerskool
Wierdapark: Wierdapark |
South Africa

Hayden Livingstone | 15 | The World
at My Fingertips - Remains a Puzzle
| Tauranga Boys College: Tauranga |
New Zealand

Ana Carolina Otton Sarmanho | 12
| The World In a Click | Instituto
de Educação Cecenista Marquês de



children's map gallery

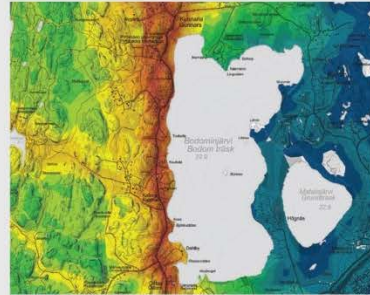
focus

january



Bhutan | Ministry of Defence |
Austria

february



Hiking Routes between Salmi and Oittaa, Nuuksio National Park, Finland | Finnish Geodetic Institute | *Finland*

march



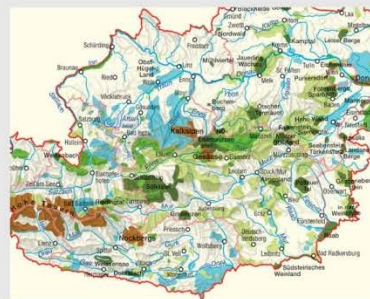
Panoramic Tourist Map of Resort Sunny Beach, Bulgaria | Cartographic Studio DavGEO | *Bulgaria*

april



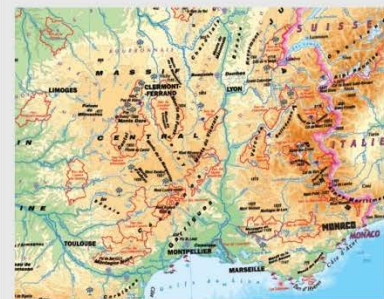
New Zealand Photo Atlas | Hema Maps Pty Ltd | *Australia*

may



Grosser Kozenn-Atlas | Ed. Hölzel | *Austria*

june



France: Physique, Administrative | SSPE Kartographia | *Ukraine*

cartography

50 years of ica general assemblies 1961-2011

A report on the first General Assembly of member nation delegates to the ICA, held in Paris from 29 May to 3 June, 1961, was published in the *Internationales Jahrbuch für Kartographie (IJK)* (*International Yearbook of Cartography*) printed in Germany in 1961. It deals with the founding of ICA and the subsequent development of the association into a well-governed and established professional international organisation. The text below paraphrases the report in the Yearbook.

The necessity of establishing not only a regional but also an international exchange of methodical and technical achievements in the field of cartography suggests itself more and more. For this reason Dr Carl Mannerfelt (Sweden) invited experts of different countries as early as 1956 to a working session, the so-called Esselte Conference. In 1958, a second session of this kind was held



Members of the first Executive Committee of the International Cartographic Association elected in Paris, 1961 (standing from left): Stéphane de Brommer (France), Dennis E.O. Thackwell (UK), Granville K. Emminizer (USA), Eduard Imhof (Switzerland), Carl M:son Mannerfelt (Sweden), Erwin Gigas (West Germany) and Carlo Traversi (Italy); in the foreground outgoing members of the 'Committee of Six': Lewis J. Harris (Canada) (left) and Duncan M. Fitchet (USA) | Photograph courtesy of ICA

heritage

is included in the conference programme, which also features an exhibition highlighting new cartographic products. The exhibition entries are evaluated by a jury, and the best products are selected to represent Norway at the International Cartographic Exhibitions. Over the last seven ICA Exhibitions (1999-2011), Norwegian maps won nine awards.

gives a good insight of the cartographic activities undertaken by the government institutions and private industry. The report can be accessed from www.geomatikk.ntnu.no/norwaycartography/.

Terje Midtbø and **Kristoffer Kristiansen** |
GeoForum | Norway ●

Terje Midtbø (left) and Kristoffer Kristiansen judging a map at the National Map Exhibition; they also represent Norway at the ICA General Assemblies | *Photography Marianne Meinich*

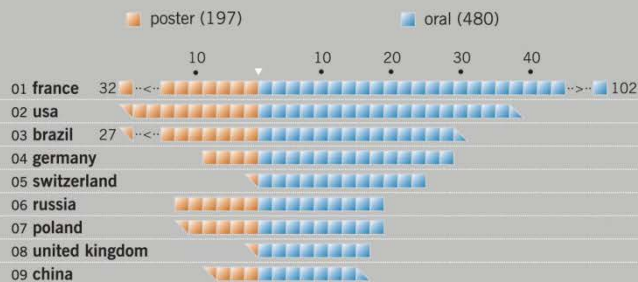


people

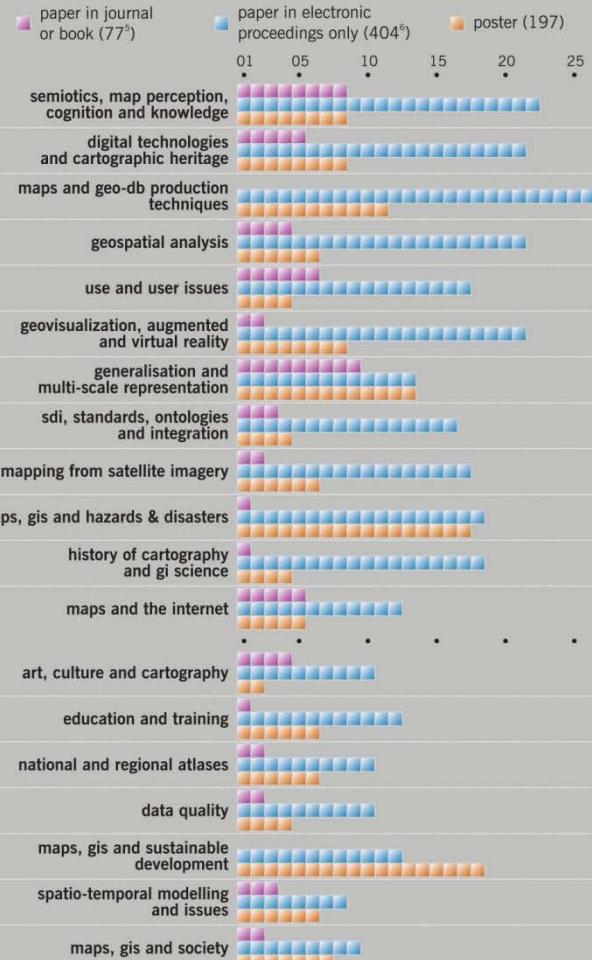
ICC 2011 :: Facts and Figures¹

| | |
|--|--------------|
| icc 2011 participants | 1,498 |
| full | 740 |
| senior / student / africa | 278 |
| one / two days | 416 |
| accompanying persons | 64 |
| visitors / press | 92 |
| commercial exhibitors' personnel | 134 |
| participants at technical visits | 162 |
| bibliothèque nationale de france (bnf) | 45 |
| institut de recherche pour le développement (ird) | 20 |
| institut géographique national (ign) | 90 |
| service hydrographique et océanographique de la marine (shom) | 7 |
| meetings | 16 |
| ica commission and working group workshops and tutorials | 14 |
| other events | 2 |
| exhibits at international cartographic exhibition² | 602 |
| maps | 442 |
| atlases | 110 |
| digital products | 48 |
| globes | 2 |
| maps at children's map exhibition | 186 |
| 5-8 years old | 46 |
| 9-12 years old | 82 |
| 13-15 years old | 58 |

ICC 2011 :: Origin of Presentations^{1,3}



ICC 2011 :: Published Papers and Posters³




access

ica.org/ica-news/ ICA News

ICA
ACI
International Cartographic Association
Association Cartographique Internationale


News Calendar Publications The Association Members Commissions Research Agenda ICC Conferences ?



2013 FROM POLE TO POLE

Don't miss the next International Cartographic Conference in Dresden, Germany

ICA News



Current issue

- ICA News 60, June 2013, web (1.2MB)
- ICA News 60, June 2013, print (15.9MB)

Previous issues

ICA News 59, June 2012, web (1.2MB) ICA News 59, June 2012, print (15.9MB)

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- E-book access for ICC participants
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- President's Blog: ICC 2013 is only some weeks away!

icaci.org/ica-news/

30 years

30 years

61 issues

6 editors

1,084 pages

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ACI