

ICA Commission on GENDER AND CARTOGRAPHY

08/2003 to 07/2007

1. Name of commission: ICA Commission on Gender and Cartography

2. Chairperson Ewa Krzywicka-Blum (Poland)

Co-chair: Eva Siekierska (Canada)

3. Members: Temenoujka Bandrova (Bulgaria), Gizela Bassa (Hungary), Ute Dymon (USA), Margareta Elg (Sweden), Halina Klimczak (Poland), Helena Margeot (Republic of South Africa), Lucy Phalaagae (Botswana), Carmen Reyes (Mexico), Wanarat Thothong (Thailand), Necla Ulugtekin (Turkey), Jarmila Vanova (Czech Republic), Tamara Vereshchaka (Russia)

Corresponding members: Regina Almeida de Araujo (Brasil), Seema Ahmed Ibraheem (Bahrain), Li LI (P.Republic of China), Rlri C. Liebenberg (Republic of South Africa), Judy Olson (USA), Donna Williams (Canada), Nadine Schuurman (Canada) Imran Sheikh (Pakistan)

4. Terms of reference

1. To serve as a resource on issues related to gender and cartography:
 - a) by encouraging and supporting women and other under-represented groups to take an active role in professional activities and/or associations at national and international level,
 - b) by preparing papers for presentation at conferences and publications in cartographic journals,
 - c) by maintaining the Gender and cartography Commission website.
2. To facilitate professional contacts with women and younger cartographers:
 - a) by updating the Gender and Cartography Commission web-based directory on women cartographers,
 - b) by conducting cooperation with the commissions of sister organizations (i.e. IGU, ISPR, WBU, WHO and others) having similar goals.
3. To continue cooperation with other commissions within the ICA;
 - a) by organizing workshops with Education and training to improve education and skills of women cartographers,
 - b) by actively participating in technical commissions.
4. To promote the production of gender issues oriented atlases of various regions of the world:
 - a) by encouraging scientific institutions and cartographic organizations to produce atlases similar to the demographic atlas produced by the commission for Poland,
 - b) by presenting the cartographic methods used in the gender commission's demographic atlas to the international community,

- c) by preparing guidelines and specifications for mapping of the issues related to gender and under represented groups at regional and global levels.

5. Activities according to the terms of reference

ad 1a.

Majority of GaC commission's meetings in the period 2003-2007 consisted of two parts of which the first part was dedicated to reporting of realization of planned works when the second one was occasion for open discussion all participating in the meeting (commission's members and interested observers) as a platform for exchanging actual information and undertaking personal contacts. Such a form has been proposed in case of organization of meeting as an event before or in the frame of professional conference. The list of annual meetings contains:

- 8/2003 Durban (Rep. of S.Africa) XXI ICC of ICA formulating of future four year program of work for ICA comm. GaC
- 8/2005 A Coruna (Spain) XXII ICC of ICA two GaC meetings: report presented as a poster, listing commission's proposals to the part "society" in the Agenda "Cartography and GIScience" presented by vice-president of ICA: Kirsi Virrantaus, individual remarks for other parts of the Agenda
- 1/2006 Borovets (Bulgaria) Intern. Conf. organized by ICA& Univ. of Sofia: reporting one part of the Interactive system of demographic maps, initiation exchanging data and e-maps between Bulgarian cartographers and GaC
- 4/2007 Polanica (Poland) Intern. Conf. organized by Society of Polish Cartographers & Polish Geographical Society: reporting the next part of the Interactive system of demographic maps, round table discussion about methodological solutions and perceptual barriers.

Apart of listed above GaC meetings different questions related to choice of the most usable "language of map" presenting, for specific practical goals, suitable determined types of under-represented groups (not only women) have been discussed and /or presented during thematic seminars, conferences, workshops as follows:

- 1/2004 Prague (Rep. of Czech) chair of GaC attend the meeting of EC of ICA: meeting devoted to reports of Commissions and actualization of Strategic Plan.
- 7/2004 Athens (Greece) "FIG Working Week" -e- mail discussion on published before paper titled: "The Past, the Present and the Future of Women in Surveying" (see; ICA News No42, 2004).
- 2/2005 Wrocław (Poland) "Open discussion forum" organized by the two ICA comm. Gender and Cartography and Theoretical Cartography: theoretical and practical problems in two-days, divided into four sessions, discussion have been focused on source of data, formalization of notions, and barriers against introducing modern methods of modeling to social cartography. Each of discussion was steered by moderator representing suitable for the subject branch, namely: sociologist, two cartographers (research worker and editor) and chair of Statistic Office oriented in data gathering. Session have been organized in GIS-laboratory, so examples of maps were presented. Invitation, information of accommodation, program as well as general report and conclusions of the meeting have been published (see: ICA News No 43,44, ICA News No45, Geomatics v19 No11, Polish Cartographical Review T 37, No 2, 2005).
- 6/2006 Wrocław (Poland) 8th Bilateral Geodetic Meeting Italy-Poland, FIG: Chair of GaC presented, in the general session, paper devoted to new methodological proposition

of evaluating, applying taxonomical procedures, important factors used in description of inequality between groups of people. Only factors spatially varied in global scale have been chosen, because of final mapping the results(see; list of GaC members' publications).

ad 1b.

Chosen publications prepared for by the members of Gender and Cartography commission and affiliated persons for conferences, journals, reports of GaC's activity:

- A. Papers for two oral sessions (6 papers) in the frame of XXII ICC of ICA (A Coruna, Spain, 2005)
Gender comparison of understanding and information extracting from school atlases in Bulgaria /T. Bandrova, Bulgaria/
Two barriers to cartographical presentation of under-represented groups within the global population/E. Krzywicka-Blum, Poland/
Women in Cartography /L. Phalaagae, Botswana/
Community mapping: changing lifestyles through participation /Ch. Perkins,UK/
The role of the woman in the national atlas of Spain /D.Abad, Spain/
The research of representation of women map /Y. Dongme, and 2 oth, China/
- B. Participation in Scientific Committee of 1 st International Conference on Cartography & GIS, Borovets, Bulgaria, 25-28 January 2006 (ICA), chairing plenary session, presenting paper:
The interactive system of regional and global population maps of under represented groups /J.Bac-Bronowicz and 2 oth/
- C. Participation in 8th Bilateral Geodetic Meeting Italy-Poland (FIG), Wrocław, Poland 22-24 June 2006, chairing oral session, presenting paper:
Cartography in the face of contemporary social problems, /E. Krzywicka-Blum/
- D. Reports from GaC commission's activity in the field of workshops/conferences:
Wrocław's Open Forum: ICA News No 44, 2005, GIM 2005 V.19 No11
Reports from the Joint ICA Commissions Seminar, Madrid 6-8 July 2005: Polish Cartographical Review, T,37, No2.2005 Warsaw, Polish Geographical Society
- E. Chosen achievements of commission's members: publications, awards, scientific positions:
Awards:
Apex 2003, Association of Professional Executives of the Public Service of Canada Award- E. Siekierska,
Competition of Technical Knowledge (Main Technical Organization of Lower Silesia), II prize of regional level and champion of Wrocław – E.Krzywicka-Blum

Scientific positions: Scientific title {dr hab} H.Klimczak

Publications

Klimczak H., Cartographic Modelling in Spatial Distribution research Disertations
CXCIV No 459, Wrocław Acad. of Agr., 2003

Krzywicka-Blum E., Modern map's usability, Arch Phot Cart and Rem S;2003 Role of using sonic signals' sequence in the process of creating spatial images by the blind, Physiotherapy Quart Polish Soc of Physiotherapy , V13 No 2, 2005

The Map Language and the Rank of a Discipline, Cracow
Ac of Mining, Procc of Conf "Geomatics and Environmental Engineering", 2005

- Siekierska E., Visualization of Geospatial Information for Sustainable Development Decision Making, ISPR Procc of Conf. Istambul, 2004
- Shuurman,N., GIS: A Short Introduction, Oxford. Blackwell, 2004, And 3 oth: Enabling spatial analysis across Canadian time and space: a conflation protocol for census geometry, The Canadian Geographer, 2006
- Ulugtekin, N ., Junction Modelling in Vehicle Navigation Maps and Multiple Representations, Procc. of the XXth Congress of Int. Soc. for Photogr. abd Remote Sensing, vol 35 B4 Com IV, Istambul

ad 1c.

The Gender and Cartography web-side not successfully serves as an actual way of communication. Several documents are without any reaction, demonstrated papers and maps presented materials that should be inspiration for collaboration or at least critical discussion, appears not interesting for professional environment of cartographers when, for potential users of chosen types of maps working in different organization and social services as well as for researchers interested in spatial distribution of minorities groups, title of commission is not related to their subject of interest. Only presentation maps in thematic conferences and publication in suitable, professional journals and popular magazines seems be effective way to introducing cartographical means to others branches, disciplines and public life.

ad 2a.

Permanent actualisation of women directory also was not fully effective, without additional financial means it is not possible to spent so many hours searching , rapidly changing, actual lists of people working in so many professional firms, scientific and educational institutions and organizations of cartographic and GIS profile.. In existing conditions it would be purposely once more inquire into a matter. Part of directory has been included into the base prepared by British geodesists in the frame of special research project.

ad 2b.

The cooperation with ‘sister commissions’ and organizations was fruitfully continued. FIG’s WG on under-represented in geodesy is interested in exchanging information between sister commissions, in the Newsletter published in 2004 has been published article titled: “Intentions, Faults and Victories- First Decade of Activity of the ICA Commission on Gender and Cartography.

Another contact in the frame of “Gender Studies” in European and USA Universities is very interesting opening of window to promote cartography, personally such an example is collaboration with S. Voiculescu , who as a result of the project has been published the paper: A Review of Gender and Geography and its Development in Romania , Ann Univ. de Vest din Timisoara, Geogr.VXIII, 2003 . Lectures, publications and visiting are a good platform to exchanged important information.

Human Right Commission in European Parliament want to collaborate with GaC commission. The future programme should determine the particular needs and expectation and real conditions of this cooperation.

ad 3.

Continued cooperation with the ICA Commission on Maps and Graphics for Blind and Partially Sighted People have been expressed by participation in commissions’ meetings as well as in publication prepared for TacNews and published in No 6/2005. Additionally GaC

commission members were engaged in dissemination of thematic questionnaire connected with educational aims for the blind. Chair of GaC in 2005 finished three year research project sponsored by Committee of Scientific Researches related to introduction sonic method to education of the blind. Sonic digitiser as device and the method of sonoric coding have been patented in the region of EU.

Important event prepared as continuation of earlier fruitful seminar prepared by three ICA commissions should be Wrocław's Open Forum. Participation of members of commission on Theoretical Cartography for personal causes appears not satisfactory, but sessions have been appreciated as excellent form of interdisciplinary activity.

ad 4a.

As the next atlas, similar to the demographic atlas prepared in the frame of GaC commission students of the Brunei Darrusalam University in collaboration with The Brunei Institute of Geomatic are elaborating gender oriented maps using data gathered in the last census. As the level of cartography in this country is very low, maps prepared by students of Geography Department will be important for next cartographic projects in the region.

ad 4b.

The Interactive System of Population Maps of Poland, Europe and the World has been prepared in the frame of ICA cooperation with the Polish Head Office of Geodesy and Cartography. This work was the main point of GaC commission. System has been partially presented on international and local conferences. On the basis of atlas edited in 2001 as Polish insertion, has been prepared new interactive system consisting 6 chapter and 25 basic maps namely: 4 of the World, 3 for Europe, 2 for Middle East, 1 for Africa, 1 for USA and 14 for Poland. Apart of sequences of basic maps (if data were accessible for several years) derivative forms are proposed .text commentary containing possible map functions and explaining chosen notions and characteristics illustrated by cartographic means on the background of general recognition of presented problems.

6. Budget

No financial commitments for ICA have been made . A nominal budget for 2003-2007 was adequate for GaC commission general needs, saving administrative cost and maintaining web-side as well as women base (remarks see p.3 and p4 of the report).

GaC commission transfer for EC disposal examples of Demographic Atlas, prepared by GaC commission in the term 1999-2003 in cooperation with the Polish Geod Office of geodesy and Cartography.

7. Future of the Commission

In October 2006 the present chair Ewa Krzywicka-Blum expressed her desire to end the term in 8/2007. Consequently, the National Committee of Poland has nominated Wiesław Żyszkowska to the General Assembly of the ICA as new chairperson for the term 2007-2022. The proposals related to the programme for future work has been sent to EC of ICA by the present chair of the Polish Committee Andrzej Makowski.