

International Cartographic Association Commission on Cartography and Children



COMMISSION ON CARTOGRAPHY AND CHILDREN

MEETING

WELCOME!!!

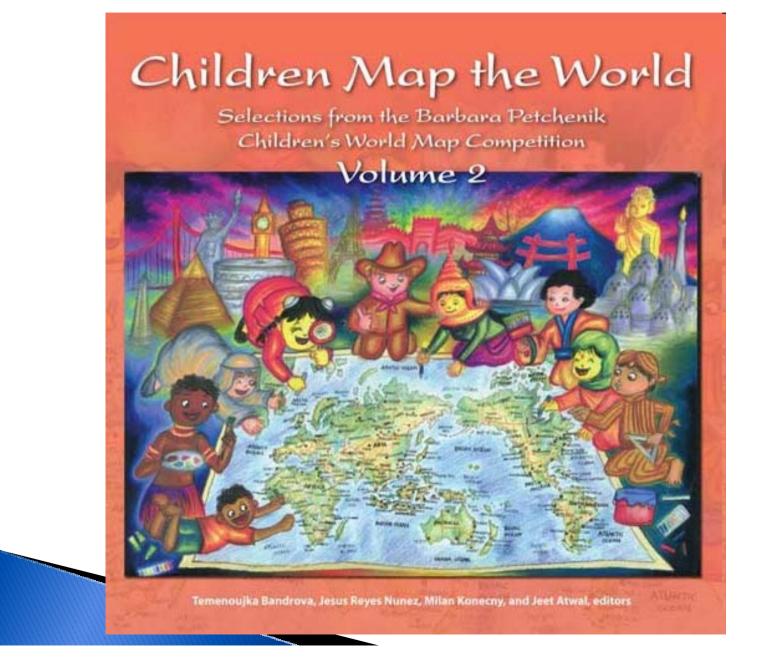
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10th Anniversary

ICA Commission on Cartography and Children





10th Anniversary

ICA Commission on Cartography and Children







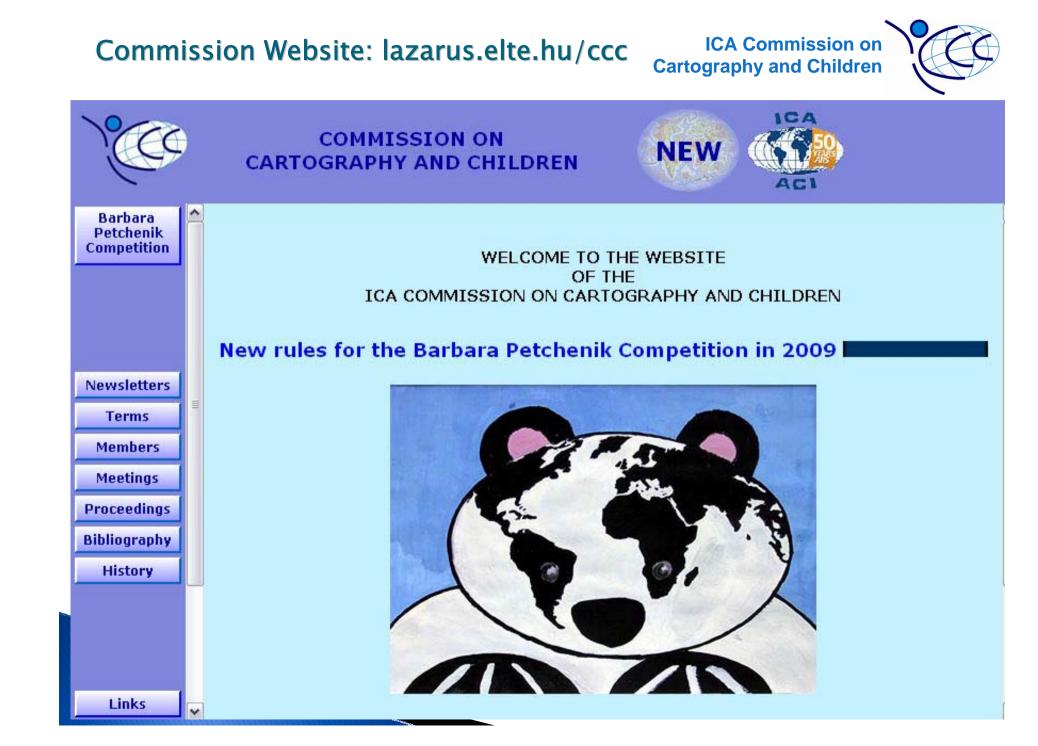
International Cartographic Association Commission on Cartography and Children ICA Commission on Cartography and Children



THE PARTY IS OVER...

- Activities between 2007 and 2009
- Plans for the period 2010-2011
- Discussion about Barbara Petchenik Competition
- (Private [©]) Meeting of the BPC Jury





Terms of reference 2007–2011



• disseminating the outcomes of research into map use by children and young people. *Deliverable: an enhanced set of online bibliographic tools and web links on cartography and children*

• developing stronger links between the ICA and relevant international and regional organizations. *Deliverable: a joint international conference within the EU, other regional organization or worldwide*

• stimulating a debate on all aspects of cartography for children with the aim of collecting and publishing the research results (in digital or/and printed format). *Deliverable: a collection of papers on case studies in educational cartography*

• promoting the use of digital cartography and GIS in schools. *Deliverable: an international (or/and regional) conference and associated publication*

• providing consultative support to the ICA executive in relation to the rules and judging of the Barbara Petchenik Children's World Map Competition. *Deliverable: appropriate support as required*

Commission schedule 2007–2009



COMMISSION ON CARTOGRAPHY AND CHILDREN WORK SCHEDULE (2007-2009)

DATE	ACTIVITY
September, 2007	 Dissemination of proposal for judgment of entries to Barbara Petchenik Competition 6th newsletter
January, 2008	- Commission meeting in Borovets (Bulgaria) during the 2nd Conference on Cartography and GIS
February, 2008	- Contacts with EC during the Symposium on Art and Cartography in Vienna, Austria - 7 th newsletter
July, 2008	- Participation in the 5th International Conference on GIS in Istanbul, presenting a report about Student Education
August, 2008	- Participation in the 31th International Geographical Congress in Tunis. Contacts with IGU-CGE.
September, 2008	 Presentation of the Commission on Cartography and Children for members of HERODOT thematic network on Geography, in their conference in Liverpool (UK)
September, 2008	- 8 th newsletter - Participation in AutoCarto 2008 conference (USA)
January, 2009- Definitive version of rules for Barbara Petchenik Competition - Commission meeting within the Joint Symposium on Cartography and Ge tics for Early Warning and Emergency Management (Prague, Czech Re	
March, 2009	- 9 th newsletter
March-October, 2009	- Consultative support to the organization of the Barbara Petchenik Competition - Edition of the 2nd volume of the book "Map Children the World", ESRI-ICA
November, 2009	- Commission-meeting in Santiago de Chile, during ICC2009





Commission meeting in Borovets, Bulgaria (January 21, 2008)











Commission meeting in Prague, Czech Rep. (January 21, 2009)





ESRI – ICA COLLABORATION



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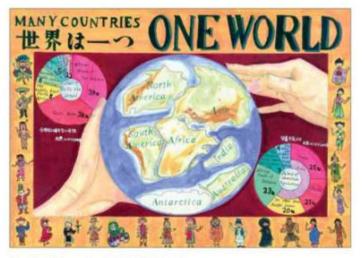
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Many Notions, One World Nicholas William Age 15 Indonesia SMA St. Bellarminus, Menteng, Jakarta Pusat 2005 Children: Mapt the World polestion from the Darbare Vitalance Obline World May Competition Vitalance

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ICA Commission on

Cartography and Children



One World, Remember a World of PANGEA Yukari Hoshi Age 15 Japan Itasubashi Secondary School, Itstubashi 2007

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ESRI – ICA COLLABORATION

ICA Commission on Cartography and Children



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Home	Industries	Products	Training	Support	Services	Events	News	Company	
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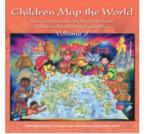
Book Information

About This Book

- Take a Look Inside
- <u>Related Books</u>, <u>Resources and Materials</u>
- Buy This Book

Children Map the World, Volume 2 Selections from the Barbara Petchenik Children's World Map Competition

Children Map the World, Volume 2, showcases one hundred favorite world map drawings submitted to the Barbara Petchenik Children's World Map Competition 2005-2007. The map competition, sponsored by The International Cartographic Association, was created as a memorial to Barbara Petchenik, a cartographer who studied how children comprehend maps. The vibrant collection of maps in this volume presents varying perspectives on the theme "Many



Nations-One World" from young artists, ranging in age from four to fifteen and representing 37 countries. Cartographers, geographers, educators, and children will take interest in the colorful maps presented in this book.



"We have been involved with the ICA for many years and are pleased to continue our support of its efforts in promoting the Barbara Petchenik Children's World Map Competition." said **ESRI** president Jack Dangermond. "The creative ability expressed by the young contributors to this book is truly amazing. I was particularly struck by the recurring theme of universal cooperation in their mapmaking efforts and sincerely hope that their view portends our future."

http://www.gisuser.com/content/view/1 8963/2/







• Disseminating the outcomes of research into map use by children and young people. *Deliverable: an enhanced set of online bibliographic tools and web links on cartography and children*

Impossible to accomplish if Commission members do not collaborate!!!



"ALL TIME" TASK

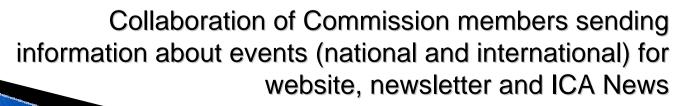


Participation in the organization of GIS Day in our countries (this year: November 18):



www.gisday.com

Important!!!





• Task to be made before finishing 2009:

Actualization of list of members in website

A first version was made in doc format

It will be completed using the actual mail list of the commission

) CCC		MISSION ON PHY AND CHILDREN NEW		
Barbara Petchenik Competition	COUNTRY	AREA(S) OF INTEREST		
	Algeria	Name: Dr. Aïcha Benimmas e Address unavailable Telephone (w/h): unavailable	Age Group Focus: unavailable Area(s) of Interest:	
Newsletters		Fax: unavailable E-mail: <u>abenimmas@hotmail.com</u>	unavailable	
Members Meetings Proceedings Bibliography History	Argentina	Name: Ms. Elizabeth Alejandra Alvite @ Address: Oyuela 452 Villa Dominico Avellaneda Provincia Buenos Aires 1874 Argentina Telephone (w/h): none / (54-1) 206-0356 Fax: 0054 (1) 759 4581 E-mail: phshapes@impsat1.com.ar	Age Group Focus: 3 Area(s) of Interest: unavailable	
Links				



NEXT CONFERENCE AND COMMISSION MEETING







NEXT CONFERENCE AND COMMISSION MEETING:

NESSEBAR (Bulgaria), June 15-20, 2010





• Following the development of stronger links between ICA and relevant international and regional organizations

Collaboration with ESRI in 2008-2009 Contacts with the IGU Commission on Geographical Education Contacts with other international and regional organizations (e.g. thematic networks in Europe)





• Biannual Awards on Educational Cartographic Resources

Organized by **Commission on Education and Training** and Commission on Cartography and Children

Original idea: Proposal written by Patrick Wiegand in 2005

A more detailed proposal was written in 2009, and it was sent to the ICA Executive Committee

Main aim: first competition in ICC 2011 in Paris







• Book on the topic of School Cartography: including results of research on this topic, GIS for Schools, Digital Cartography, etc.

Original idea: Contacts from the second semester of 2008 – it was substituted with the work on the 2nd volume of the book "Children Map the World"

At present: Contacts with ICA Publications Committee (Chair: Ferjan Ormeling), Elsevier?

In 2010: contacts to determine specific themes, structure of this publication, deadlines and to invite authors ...





Summing up:

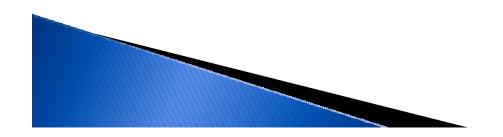
- Awards on Educational Cartographic Resources (2010-2011)
- Book on School Cartography (2010-2011)
- Commission Meeting (June 2010)





New BPC rules

Based on the experiences organizing the competition and judging the entries this year, Commission members sent comments and proposals to modify some aspects of the actual rules.



BPC RULES



- NATIONAL COORDINATOR'S GUIDELINES

Proposal (Peter van der Krogt, The Netherlands):

Street address (to be used only when the postal service or courier doesn't accept a P.O. Box address):

Peter van der Krogt c/o Faculty of Geographic Sciences Willem C. van Unnikgebouw, room 512 Heidelberglaan 2 3584 CS Utrecht The Netherlands





- PUBLICATION OF WINNING ENTRIES At present:

 The winning entries will be submitted to international organizations (UNICEF International Art Committee or others) by the ICA Executive for consideration as greeting card designs or other kind of publication that might best showcase the maps created for the Competition. ICA may use them as well. Any participant must agree that his/her representation may be reproduced by the ICA or UNICEF or scanned for publication on the Internet by Carleton University (on behalf of the ICA) without consultation or copyright fees.

Proposal (Jesus Reyes Nunez, Hungary):

- ... may be reproduced by the ICA or other international organizations (empowered/authorized by ICA)...





ICA Commission on Cartography and Children



- AGE GROUPS

At present:

The entries are collected in three age groups:

- under 9 years
- ▶ 9-12 years
- above 12 years



ICA Commission on Cartography and Children



1st Proposal (Peter van der Krogt, The Netherlands):

The entries will be collected in three age groups:

- under 9 years
- 9 up to and including 12 years
- 13 up to and including 15 years

2nd Proposal (Ana María Garra, Argentina):

The entries could be collected in **four** age groups:

- under 7 years (before beginning the elementary school)
- 7 up to and including 9 years
- 9 up to and including 12 years
- 13 up to and including 15 years



ICA Commission on Cartography and Children



Number of authors by drawing (Ana María Garra, Argentina):

At present:

The possible number of authors by drawing is not limited by the rules, so an entry made by e.g. 30 children could also enter the competition...

Proposal:

To limit the number of authors/entry to one child (this is the practice in Argentina)...



BPC RULES



- PHYSICAL REQUIREMENTS

At present:

The maximum size of a map must not exceed A3 (420 mm x 297 mm or 17 x 11 inches) and its surface should be flat; the map can be made using any material, but pasted-on objects may not be higher than 5 mm or 0.2 inch.





- PHYSICAL REQUIREMENTS

Proposal (Peter van der Krogt, The Netherlands):

- the maximum size must not exceed A3 (420 mm x 297 mm or 17 x 11 inches)
- the surface should be flat and pasted-on objects may not be higher than 5 mm or 0.2 inch and have to be thoroughly fixed.
- the map can be made using any unbreakable material (thus no glass).
- no moveable or folding-out parts covering sections of the drawing (Note: the submissions will be photographed or scanned and the complete drawing has to be visible in <u>one</u> scan or photo).
- no perishable materials (like leaves of plants) may be used.
- do not plasticize or laminate the drawings because that disturbs the physical appearance of the drawing.







- THEME OF THE COMPETITION FOR 2011

At present:

ICA member nations will collect maps, on the theme **"Living in a globalized world"**, produced by children under 16 years of age. This is the theme for the Barbara Petchenik Children's World Map Competition for the next two conferences (2009 and 2011).

Proposal (Ana María Garra, Argentina):

- Change of the theme for the 2011 competition, because children till 9-10 years had difficulties to understand it...







- AMOUNT OF PRIZES FOR WINNERS

Com. Co-Chairs received some proposals and comments about the amount of prizes given by ICA for winners

Till 2007 – Each winner received certificate + US\$50

National representatives (competition organizers) decided if:

- The US\$50 is given in cash
- Or if they buy some gifts related to maps spending the US\$50

Proposals:

- Better than giving US\$50, ICA could buy a more "emblematic, symbolic" gift for winners

- ICA EC could grow the amount of the prizes...

David Fairbarn (email):

- New amount of the prize: 50 €(from this year)



- BASIC CONCEPTS ON MAPS MADE BY CHILDREN

Comment (Jacqueline Anderson, Canada):

Absence of basic map concepts on maps sent to the Competition

- BPC rules:

In other words, judges will be looking for:

- 1. a recognizable connection between the form, shape, and use of cartographic elements which creatively address the Competition's theme.
- 2. a recognizable image of all or a large portion of the world in which the shapes and relative locations of land masses and oceans are as correct as can reasonably be expected for the child's age and within the context of the "system of projection" used.
- 3. appropriate cartographic elements such as symbols, colors, names and labels, etc., which help address the Competition's theme:
- clarity and legibility of the point, line and area symbols appropriate to the media of expression, whether on paper or other surfaces, whether drawn or made up of indigenous materials.
- expressive rendering and appropriate use of the perceptual dimensions of color, i.e., changes in value for quantitative distinctions and changes in hue for qualitative distinctions.
- overall aesthetic quality in such matters as balance and harmony among the image elements.

Any number of "systems of projection" can be used to generate the coastlines and other base material (e.g., international boundaries and graticule). The entry should be an original piece of work and it can be made using traditional methods (colour pencils, water colour, etc) or a computer program.



- BASIC CONCEPTS ON MAPS MADE BY CHILDREN

- > Basic cartographic concepts are included within BPC rules
- > Material written by Prof. Henry Castner (USA) is available from our website

What can be the solution?

Should be modified the text in the BPC rules (should we add, re-write, etc the basic concepts?)

Should National Coordinators be asked to consider the use of cartographic concepts when they select the winner entries at national level?





- BASIC CONCEPTS ON MAPS MADE BY CHILDREN

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What can be the solution?

Requirements in English are not sufficient considering that the rules should be read by local teachers and children

Translation of BPC rules to local language is responsibility of national coordinators...

Commission members can collaborate with national representatives (coordinators) when translating the text into the national languages, supervising the translation...



- BASIC CONCEPTS ON MAPS MADE BY CHILDREN

- Basic cartographic concepts are included within BPC rules
- > Material written by Prof. Henry Castner (USA) is available from our website

What can be the solution?

Examining the entries on each of the following eight criteria:

- ➤ theme/message
- ➢ portion of the world represented, projection,
- clarity and legibility of the information
- Their use of point, line and area symbolization representing qualitative, quantitative data
- ➤ content
- ▹balance and harmony
- ➤aesthetic appeal
- ≻execution



First competition when the entries were judged using the new rules...

What were the most important changes compared to competitions in previous years?



ICA JUDGING COMMISSION



- GENERAL RULES FOR JUDGING COMISSION:

- Judging Commission is formed by eight (8) members (one Chair and 7 members)
- Members cannot vote for entries from their own countries;
- Every member should determine a 1st, 2nd and 3rd place in each age group: under 9; from 10 to 12 and above 12 years;
- Each drawing receives 5 points for 1st place; 3 points for 2nd place and 2 points for 3rd place;
- The sum of points received by a drawing determines its place within each age group: first 3 drawings (1st, 2nd and 3rd) in each age group receive ICA awards. Judging Commission has the right to declare empty a place or to give special mentions if members consider it necessary.
- This whole procedure will be completed before ICA conferences using e-mail between the Chair of the Judging Commission and its members;
- The votes are summed by the Chair of the Judging Commission, who will send the results to all the members of the Judging Commission.
- The Chair of Judging Commission will also chair a "smaller BPC panel", comprising two other members of the Judging Commission who will be proposed by the Chair. This panel will personally meet during the International Cartographic Conference and it is responsible for making final decisions if needed, e.g. if the number of votes is the same for two maps, etc.







JURY MEMBERS' REMARKS ABOUT THE NEW RULES:

- Members' exclusion to vote on maps sent by their own countries

In this case the points system is detrimental to the countries judging the maps submitted

Perhaps the difference of value is too high between 1st and 2nd places?

At present: 1st place - 5 points 2nd place - 3 points

3rd place - 2 points

A possible solution?: 1st place - 5 points 2nd place - 4 points 3rd place - 3 points



ICA JUDGING COMMISSION



JURY MEMBERS' REMARKS ABOUT THE NEW RULES:

- Winners by countries and continents

Old rules: "From five to fifteen awards will be given, with a maximum of one per country"

New rules: Three awards in each age group (3x3=9) + three awards from public vote (3) = 12 awards + X special mentions

Should be kept the original limitation of max one winner per country? Should we keep this limitation, but with some changes?

Specifying some aspects: e.g. only one 1st place/country, but this same country can also obtain a 2nd and/or 3rd place (*in the same age group or only in other age group?*)

Possible contradiction between obtained number of points and this limitation...







JURY MEMBERS' REMARKS ABOUT THE NEW RULES:

- Judging process before the conference

International Co-ordinators: Peter van der Krogt and Ferjan Ormeling Photographer: René van der Krogt

Peter van der Krogt – Collecting all the entries nominated to the competition,

taking photos of maps and making the CD for Jury members

(LOT OF THANKS!!!!!)



ICA JUDGING COMMISSION





JURY MEMBERS' REMARKS ABOUT THE NEW RULES:

- Judging process before the conference Proposal (Ana María Garra, Argentina):

Despite of the high quality of the images on the CD sent to Jury members, sometimes we can not determine, appreciate exactly which materials and techniques were used to make the map...

A possible solution could be to ask children/teachers to add information about materials and technique of making to the label attached to the back side of the entry, and this information should be specified on the CD too.

ICA JUDGING COMMISSION





JURY MEMBERS' REMARKS ABOUT THE NEW RULES:

- Judging process before the conference

Questions taken by Jury members:

Are the digital images enough to select winner maps before the conference, without examining personally the original entries?

If the answer to the previous question is negative:

Points system - only a preliminary decision? only a starting point, a "guide" to take final decisions during ICC?



International Cartographic Association





THANK YOU

For your participation and collaboration not only in this meeting, but in Commission activities!

SEE YOU IN OUR NEXT MEETING IN NESSEBAR, BULGARIA (June 2010) AND...

Temenoujka L. BANDROVA José Jesús REYES NUÑEZ Commission Co-Chairs

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International Cartographic Association





NOW **BEGINS THE MEETING OF THE THE BPC JUDGING COMMISSION**

