

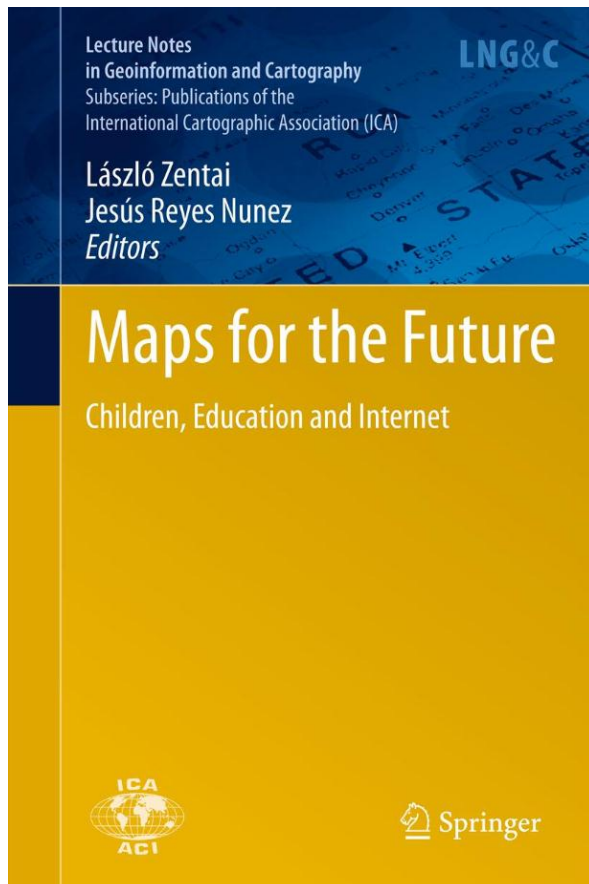


INTERNATIONAL CARTOGRAPHIC  
ASSOCIATION  
COMMISSION ON  
CARTOGRAPHY AND CHILDREN



## 17<sup>th</sup> NEWSLETTER (April 2012)

### 1. “Maps for the Future: Children, Maps and Internet”



Finishing January the Springer-Verlag Editorial House published the book entitled “Maps for the Future: Children, Education and Internet”, containing a selection of papers presented during the Joint ICA Symposium held at the University of Orleans on 30 June and 1 July of 2011. This event was organized by the Department of Geography of this university, counting with the participation of four ICA Commissions and a Working Group (Cartography and Children, Education and Training, Maps and Internet, Planetary Cartography and Cartography for Early Warning and Crisis Management).

The book includes a total of 24 works written by authors from Australia, Austria, Belgium, Brazil, Bulgaria, Hungary, Indonesia, Poland, The Netherlands and USA.

More detailed information about the book can be found at:

<http://www.springer.com/earth+sciences+and+geography/geographical+information+systems/book/978-3-642-19521-1>

### 2. New theme for the Barbara Petchenik Competitions in 2013 and 2015

In January of this year was organized the selection of the new theme for the next two Barbara Petchenik Competitions. Commission Chair received a total of 47 votes sent from 20 countries: Argentina, Australia, Austria, Brazil, Bulgaria, Canada, Chile, Finland, Hungary, Indonesia, Israel, Lithuania, The Netherlands, Poland, Russia, South Africa, Spain, Switzerland, United Kingdom and USA.

The nominated themes and the final results were as follows:

- 1.- Our world is a miracle: 5 votes
- 2.- My map of the world: 14 votes

- 3.- My place in today's world: 16 votes
- 4.- We want to learn more...: 0 votes
- 5.- Our world 20 years later...: 8 votes
- 6.- Changing the world for us all: 2 votes
- 7.- Our Earth discovering other worlds: 1 vote



Prof. Dr. Rosangela Doin de Almeida

The theme number 3, "My place in today's world" (proposed by Prof. Dr. Rosangela Doin de Almeida from the Sao Paulo University in Brazil) was declared winner with 16 votes, being selected to be the theme for the competitions in 2013 (Dresden) and 2015 (Rio de Janeiro).

On behalf of ICA President, Secretary General, Executive Committee and our Commission I want to thank all the votes sent by the colleagues, because their collaboration was very valuable to make possible the selection of a theme that is easily comprehensible for all the age groups participating in the competition.

In relation to the new theme of the competition, Commission Chair received from Prof. Henry Castner (USA) /one of the founder members of our Commission/ an idea about how to announce the new theme of the competition in our countries, proposing the possible use of not traditional projections by children while they draw their maps for the competition (in this specific case the icosahedron projection, which you can find in the material entitled „A teacher's introduction to the Barbara Petchenik International World Map Design Competition" stored in our website).

I considered important to include his idea into this newsletter and to publish it in the website too, according to the interest of our Commission to follow improving the cartographic level (quality) of the competition.

If any colleague is interested to send materials similar to this one, related to innovative solutions drawing maps for the Barbara Petchenik Competition, please feel free to contact the Commission Chair to consider the option of publishing it in our website and newsletter.

#### **MY PLACE IN TODAY'S WORLD:**

***The theme of the Barbara Petchenik International World Map Design Competition.  
By Henry Castner***

*This year's Competition theme suggests that children might view our geographic world in many different ways depending on where they live, and how they may see their country in relation to the rest of the world. In the Teacher's Introduction to the competition, which can be found at the website (<http://lazarus.elte.hu/ccc/ccc.htm>), you will find a special map projection which can help you think about "your world" in the ways suggested above. It is a world map on an icosahedron, twenty equilateral triangles which when glued together form a replica of the globe. But for the Competition you would want to leave it flat.*

*The Teacher's Introduction, on pages 6 to 8, talks about the icosahedron in general terms but also more specifically ways that you can make the projection triangles larger and easier to use. The idea is to cut the triangles apart so that you can move them around and fit them together in some different ways, always being sure that they match in a correct geographic way where ever they meet. If we made them into a globe, all sides of all triangles would match another triangle. But when used as a flat map, some triangles have to separate*



and therefore may match only along one or two sides. To appreciate this, try making a few arrangements. If nothing else, it will help you learn where all the continents are and how they relate to all the others.

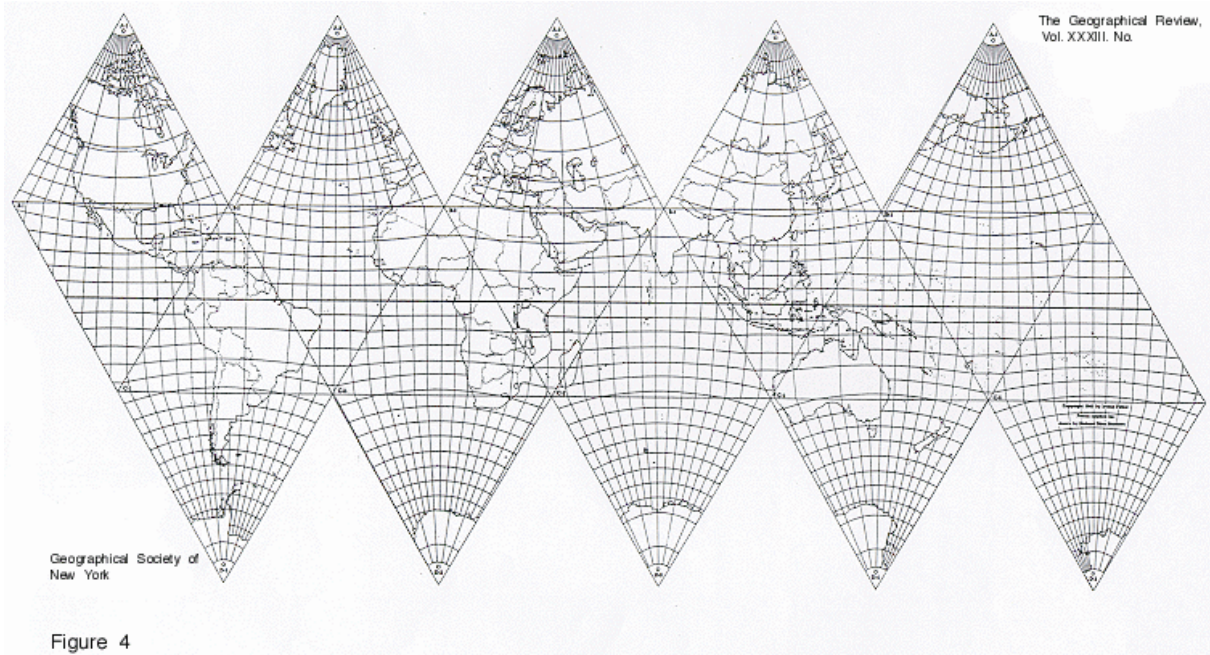
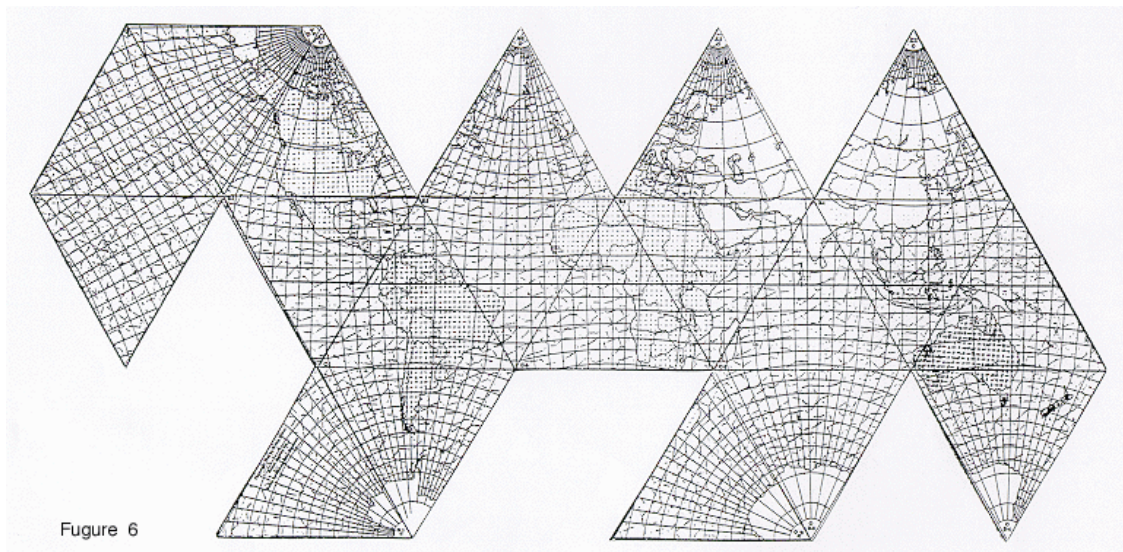


Figure 4

For the purpose of the Competition, you will want to arrange the twenty triangles so that they display your country in relation to all the others in some meaningful way. Two ways might relate to its POSITION on the globe or its ORIENTATION to the rest of the world. Let's explore these two ways in a little more detail.

#### POSITION:

You can think of your country's relative position in today's world. For example, you might think of it as being in the center of the world with all the other countries surrounding yours. Because there will always be separations between a number of triangles, this strategy often produces an interesting overall shape. It may be abstract, as some sort of „exploded“ star or one resembling some familiar shape, such as an animal (see Figure 6 in the Teacher's Introduction). If that shape can be associated with your country, you have another element, an artistic one, to employ in your design.



## ORIENTATION:

*You might also think of your country as oriented toward the rest of the world or to some specific group of countries. Think of it as your perspective on the world. For example, countries in the Southern Hemisphere are often placed at the "bottom" of world maps; maybe the rest of the world should be seeing those countries at the top of the map! Not all world maps need to be oriented with north at the top. There may also be an historical dimension to this: some countries have been associated with some other country or countries. These may have been political associations or involved some trade relationship, for example. In these cases you might group these countries in such a way as to emphasize their position relative to each other, keeping in mind the need to preserve all the correct geographic relationships in your arrangement.*

*As in the past, you may wish to give your map a title or add any symbols that speak to your theme. You might also wish to attach a short paragraph explaining the relationship or perspective that you are trying to suggest or represent. We look forward to seeing your entry!*

*-- The Commission*

*Note to the Commission (from Henry Castner):*

*Unfortunately, the two examples in the Teacher's Introduction at Commission website are very similar -- very "equatorial" I would say. But I liked the idea that the overall outline might convey some other idea (in the case of Figure 6, a dinosaur) and that children should be aware of this possibility. But there are numerous arrangements that involve extensions or "arms" that change the overall shape in dramatic ways and give the world a more "exploded" or star like look. These can be used to explore ideas of proximity or isolation, depending on what part of the world is in the triangle placed out at the end of some arm. Now this is a very sophisticated idea, as is perhaps the idea that a shape might be pursued to add another element to the design. For this reason we should not say too much about it to the contestants. But we should realize that they contribute to the richness and potential of having children work with this projection. It would be useful if Commission members tried a number of arrangements to demonstrate these possibilities to themselves. Perhaps we should add some more "radical" arrangements to the Teacher's Introduction just to give children and teachers some other ideas about the possibilities.*

## **3. Next Commission meeting**

We are going to have a Commission meeting during the 4th International Conference on Cartography and GIS to be held in Albena, Bulgaria, between June 18 and 22. The main topic of this meeting will be the next Barbara Petchenik Competition, in specific the changes proposed by Commission members to the rules: Commission Chair has been collecting the proposals sent during the last six months, to work out them together and to make previous changes in the rules that will be discussed and can be approved or not during the meeting. The majority of the proposals are related to the work of Judging Commission, only a low number of ideas were sent in relation to the competition itself. If any colleague is interested to send any kind of proposal, critique, idea, etc do not hesitate to do it till May 30.

## **4. Upcoming conferences in 2012**

### **1) 4<sup>th</sup> International Conference on Cartography and GIS (Albena, Bulgaria, June 18-22)**





This is the 4<sup>th</sup> event of a series of biannual conferences began in 2006, including a wide range of topics from GIS technologies or Cartography in Education to GPS and Remote Sensing. Being organized under the endorsement of the International Cartographic Association, in last editions the conference has been the venue of ICA Commissions Meetings, including meetings of our Commission. This year the event will count with the participation of three keynote speakers:

- Prof. Hui Lin (Chinese University of Hong Kong): "Virtual Geographic Environments: Feeling it in Person and Knowing it beyond Reality".
- Prof. Georg Gartner, ICA President (Vienna University of Technology): "Modern Cartography and the Role of the International Cartographic Association".
- Prof. Deren Li, Chairman of Academic Committee of Wuhan University: "Conceptualizing the Chinese National Disaster Reduction System of Systems (CNDRSS)".

If you are interested to participate, please visit the conference website for more details: <http://www.cartography-gis.com/4thConference/Index.html>

## **2) EUROGEO 2012 conference (Dublin, Ireland, June 1-2)**



An event organized by the European Association of Geographers (EUROGEO) under the theme „Geography and Global Understanding: Connecting the Sciences”

Geography bridging the physical and human sciences deals with places, people and cultures. It explores international issues ranging from physical, urban and rural environments, and their evolution, to climate, pollution, development and political-economy. Key issues are how these features are interconnected, forming patterns and processes impacting on present and future generations. The role of geo-technologies and geoinformation would seem to be of paramount importance. By its nature Geography continues to connect the physical, human

and technological sciences with GIS enhancing research, economic development and production.

During the event will be presented papers from all areas of Geography and connected disciplines. Group sessions can be arranged and a field trip will be organized on June 3. A special issue of the *European Journal of Geography* is planned on the conference theme.

Further details can be found at: <http://www.eurogeography.eu/conference/dublin-2012/dublin2012.html>

### **3) IGU–CGE Experience-based Geography Learning 2012 Symposium (Freiburg, Germany, August 22-25)**



The IGU CGE Symposium will be held immediately before the IGU's 32<sup>nd</sup> Congress. A stimulating program has been planned that includes key note speeches, scientific sessions and field trips combined with social events.

The call for papers for the 2012 Symposium of the International Geographical Union Commission on Geographical Education (IGU–CGE) ended on December 15, 2011. Organizers included a wide spectrum of topics in the programme of this event, beginning from Primary Geography and GIS to E-Learning and Experience Based Learning, giving an interesting view on recent research and teaching in geographical education. Additionally, the planned social program includes a number of exciting highlights that will make the participants' stay in Freiburg even more rewarding.

The detailed programme and further information can be found in the event website: <http://home.ph-freiburg.de/geo/igu/index.html>

### **4) Other events planned for the next months**

ICA Commissions are organizing or actively participating in events during the remaining months of the year:

#### **- Cartography & Narratives Workshop**

ETH Zurich, Switzerland, June 11-13

Website: <http://artcarto.wordpress.com/cartography-narratives/>

#### **- 4th International Symposium on the History of Cartography**

Eötvös Loránd University, Budapest, Hungary, June 28-29

Website: [http://lazarus.elte.hu/~zoltorok/2012\\_Budapest/](http://lazarus.elte.hu/~zoltorok/2012_Budapest/)

#### **- Interdisciplinary Conference on Digital Cultural Heritage**

St. Dié, France, July 2-4

Website: <http://intercarto18.net/>

**- 8<sup>th</sup> ICA Mountain Cartography Workshop - Mapping Mountain Dynamics: From glaciers to volcanoes**

Taurewa, Tongariro National Park, New Zealand, September 1-5

Website: <http://web.env.auckland.ac.nz/public/mcw2012/>

**- International Conference on National Atlases in the Formation of the Global Information Space**

Kiev, Ukraine, September 13-14

Website: [http://www.ignau.org.ua/conference\\_eng.htm](http://www.ignau.org.ua/conference_eng.htm)

**- 19<sup>th</sup> AutoCarto 2012: International Symposium on Automated Cartography**

Columbus, Ohio, USA, September 16-18

Website: <http://www.cartogis.org/autocarto.php>

**- GeoVisual Analytics: Time to Focus on Time - Workshop at the GIScience 2012 Conference**

Columbus, Ohio, USA, September 18

Website: [http://geoanalytics.net/GeoVA\(t\)2012/](http://geoanalytics.net/GeoVA(t)2012/)

**- 9<sup>th</sup> Symposium on Location Based Services (LBS)**

Munich, Germany, October 16-18

Website: <http://www.lbs2012.tum.de/>

More information on upcoming events can be found in the ICA website: <http://icaci.org/calendar/>

## 5. Updated website

The Commission website (<http://lazarus.elte.hu/ccs/ccs.htm>) has been updated with the news related to the Barbara Petchenik Competition and the upcoming meeting and conferences. All the colleagues are invited to visit the website and send their own contributions, comments and ideas.

## 6. Possible date for our next newsletter:

September 2012

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