



International Cartographic Association (ICA) Meetings and Workshops of Commissions and Working Groups at AutoCarto2010

Thursday, 18 November – Friday, 19 November
Orlando, Florida, USA

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



Meeting of the ICA Commission on Map Projections

The ICA Commission on Map Projections is primarily interested in establishing a repository of knowledge on map projections and in promoting map projections within all disciplines. This will be a regular business meeting and an exchange of technical information. Attendance is open to all.

Thursday, 18 November (1 pm – 5 pm) through Friday, 19 November (8 am – 12 noon)

Room: Pinellas

Commission Web Page: <http://www.csiss.org/map-projections/index.html>

Advances in Sensors and Algorithms for Topographic and Thematic Mapping

(Organized by the ICA Commission on Mapping from Satellite Imagery, cosponsored by the ICA Commission on Geospatial Analysis and Modeling)

The ICA Commission on Mapping from Satellite Imagery is dedicated to maintaining and improving its digital repository on topics related to analysis of existing and forthcoming satellite imagery in view of their potential inputs for producing and updating topographic and thematic maps and databases. Organized jointly with the ICA Commission on Geospatial Analysis and Modeling, this symposium will offer a forum for scholars and professionals to showcase advances in remote sensors and information extraction techniques that are particularly tied with various mapping applications. Attendance is open to all.

Thursday, 18 November (1 pm – 5 pm) through Friday, 19 November (8 am – 6 pm)

Room: Volusia

Commissions Web Pages: <http://mailer.fsu.edu/~xyang/ica/index.html> and <http://fromto.hig.se/~bjg/ica/>

Symposium of the ICA Working Group on Cartography for Early Warning and Crisis Management

(Organized in cooperation with the Open Geospatial Consortium (OGC) Domain Working Group (DWG) on Emergency and Disaster Management (EDM))

The ICA Working Group on Cartography for Early Warning (EW) and Crisis Management (CM) is working to provide leadership in the development of concepts, ontologization and standardization of early warning for hazard, risk and vulnerability mapping and cartographic modeling. They promote the cartographic use of remotely sensed and other geospatial data and various analysis techniques for early warning and crisis management. This symposium is organized in cooperation with the Open Geospatial Consortium (OGC) Domain Working Group (DWG) on Emergency and Disaster Management (EDM). OGC standards support interoperable solutions that "geo-enable" the Web, wireless and location-based services, and mainstream information technology. Attendance is open to all.

Thursday, 18 November (1 pm – 5 pm) through Friday, 19 November (8 am – 6 pm)

Room: Dade

See attached flier for more information.



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Symposium of the Census Cartography Working Group: Cartographic Advances in Census Data Collection and Dissemination

The ICA Working Group on Census Cartography places significance in sharing and exchanging information on mapping methodologies that support censuses and statistical surveys. The focus of the working group symposium will be advances in census cartography in the last decade with a look toward the future. Attendance is open to all.

Friday, 19 November (8 am – 6 pm)
Room: Florida Keys

Working Group Web Page: <http://icaci.org/workinggroups/census/>

Online Maps with APIs and Map Services

(Organized by the ICA Commission on Maps and the Internet and the ICA Working Group on Open Source Geospatial Technologies)

The Internet has been a major form of map delivery since the introduction of Mosaic, the first multimedia browser, in 1993. This symposium will examine current and future developments in Application Programmer Interfaces (APIs) for mapping and MapServices in general, including Google Maps API and similar services. Papers presented will appear in planned book to be published in 2011. Attendance is open to all (please register in advance (free) at <http://orlando2010.eventbrite.com>).

Friday, 19 November (8 am – 6 pm)
Room: Hillsborough

Commission and Working Group Web Pages: <http://maps.unomaha.edu/ica/> and <http://ica-opensource.scg.ulaval.ca/>

Workshop on Management of Geographic Information and Map Production

(Organized by the ICA Commission on Management and Economics of Map Production)

The ICA Commission on Management and Economics of Map Production is interested in extending Production Management knowledge in: economics, planning and organizing, cost calculations, guidelines for production, quality assurance and quality control. The commission is focusing on completing a Compendium of Cartographic Techniques. Attendance is open to all.

Friday, 19 November (8 am – 6 pm)
Room: Broward

Commission Web Page: <http://www.icamapprodution.org/>

The ICA Executive Committee will also have a business meeting in conjunction with AutoCarto 2010, Thursday-Saturday, 18-20 November 2010.



**Geospatial Data and
Geovisualization:
Environment, Security, and Society**



November 15-19, 2010 Orlando, Florida

Workshop

of the ICA and OGC working groups Cartography on Early Warning and Crisis Management

Early Warning and Crises Management: Cartography and GI New Dimensions and Challenges

November 18-19, 2010, Orlando, Florida, USA

In 2008 in Shepherdstown, the ICA Working Group (Cartography) focused on Early Warning and Crisis Management. This focus started a new tradition of events in association with the AutoCarto Conferences. These existing events included activities with the Cartography and GIS conferences in Bulgaria, Czech Republic Prague and Brno EW and CM symposia and Russia Novossibirsk GeoSiberia trade fair and conferences. In the 2008 event, participant contributions concentrated on questions of the usage of cartography and GIS technologies in EW and CM. The main keynote analyzed wide aspects of awareness and approaches in risk situations, state of the art of metadata and standards development, supportive role of statistical cartography, etc. (more see at ICA CD ROM with all presentations). In the last two years, the discussed aspects and expected approaches changed unexpectedly due to the frequency, the size, and forms of disasters.

Since, the work of the group has been influenced by the Myanmar typhoon and floods and the huge earthquake in Shenzhun province in P.R. of China. In 2010, the group's work was influenced by the disastrous wildfires such in Greece, Australia, Portugal, Russia and other countries. In Europe in the industrial and developed countries such as Germany, Poland and the Czech republic, we are not prepared enough to avoid difficulties of flash floods when water in relatively small watersheds rises by several meters in a short time period (in minutes!) and older systems prepared to deal with such events do not work effectively enough. The above mentioned events provide us with many new questions. Cartographical and GI experts should help to provide answers to these new challenges in which cartography and GI fields can play very important role and effectively improve the quality, speed, effectiveness and successfulness of all activities connected with EW and CM.

Topics:

1. Cartography and GI role in flash floods and fires situations
2. Crowdsourcing geographic information for disaster management
3. How to collect, manage, elaborate, interpret and visualize Voluntered geograhic Information in EW and CM?
4. Spatial aspects of Awareness in emergency situations
5. Integration of GI technologies and their influence on EW and CM quality improvement
6. The role of standards to improve early warning, response, and management.
7. Decision makers and users profiles in EW and CM: the role of cartography and GI
8. Childrens in crises management situations: how to improve our tools to help, prepared and survived?

Workshop is mentioned in Preliminary program on:

<http://digital.ipcprintservices.com/publication/?i=44687>

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Please send me as soon as possible abstracts of your papers and inform me about your participation.

Contacts:

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Vice-President, ISDE

President, European Scientific reional Centrum, IEAS

Chairman of ICA WG Cartography on Early Warningand Crises Management

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