Introduction to the Working Group

For a number of years the ICA has developed a focus on Early Warning and Crisis/Disaster/Risk management. Contemporary Chair of the Working Group, Prof. Milan Konečný, first elaborated on the need for cartography and GIScience to be actively involved in this area at the Second International Conference on Early Warning (EWC II) in 2003. ICA was between the first members of JBGIS who started to deal with the problem. The topic of Early Warning and Crisis Management was also incorporated into the 2005 Memorandum of Understanding between the United Nations Office for Outer Space Affairs and the ICA. At the 13th ICA General Assembly, held in conjunction with the ICC in La Coruña, it was agreed to should establish a Working Group on Early Warning and Crisis Management which continues activities also after ICC in Moscow.

The Working Group aims to:

- Provide leadership in the development of concepts, ontologisation and standardization for early warning, hazard, risk and vulnerability mapping.
- Promote the cartographic use of remotely sensed and other geospatial data for early warning and crisis management through scientific conferences, seminars and workshops.
- Investigate psychological condition of end user given by their personal character and situation and emotional authorities.
- Foster quality mapping and cartographic modeling, including state-of-the-art visualization technologies, geospatial processing and publishing tools, for early warning and crisis management through topic related publication activities.
- Participate and contribute to global initiatives in early warning and crisis management through the maintenance of a website, newsletters and social network channels.
- Promote the development of dynamic and real-time cartographic visualization concepts and techniques for enhanced operational early warning activities through active collaboration with governmental authorities.
- Establish and cultivate professional networks for exchange of information among stakeholders in the domains of crisis management and early warning.
- Develop mechanisms of command and control systems integration as well as improve real-time data-centric intelligence on field sensors for purposes of Crisis Management.
- Develop mapping methodologies and technologies for EWS&CM in children perspectives. Promote the process of understanding, teaching and using maps for EWS&CM in children aspects.

Activities

In the period of 2008-2011 WG realized many activities in all over the World (all documented in ICA News) but it is a fact that network of periodical WG events in different parts of the World have been established and the Working Group is currently preparing to launch www.pages. Have a look on preview and sitemap proposal.

Going forward

At the 16th ICA General Assembly held in November 2009 two sessions in the ICC program in Santiago, Chile organized by WG were held.

Publications


Proceedings


