Geoinformation and disaster management

Menno-Jan Kraak
vice president of the International Cartographic Association
Geoinformation and disaster management

- Joint Board of Geospatial Information Societies
- Maps
- International Cartographic Association
- Commission on Cartography in Early Warning and Crisis Management
The Joint Board of Geospatial Information Societies (JB GIS) is a coalition of leading international geospatial societies which can speak on behalf of the geospatial profession at international level, especially to the United Nations and other global stakeholders. Its second goal is to coordinate activities within the geospatial society and organisations.

- Global voice, Research, Knowledge transfer, Standards, Quality, Education, Outreach
Members of the Joint Board of Geospatial Information Societies

- Global Spatial Data Infrastructure (GSDI) Association
- International Association of Geodesy (IAG)
- International Cartographic Association (ICA)
- International Federation of Surveyors (FIG)
- International Geographic Union (IGU)
- International Hydrographic Organization (IHO)
- International Map Trade Association (IMTA)
- International Society of Photogrammetry and Remote Sensing (ISPRS)
- International Steering Committee for Global Mapping (ISCGM)
JBGIS in action

Committed to supporting society and governments through Collaborative facilitation of initiatives and programmes to

- Establish and grow capacity
- Deliver timely, comprehensive and useful geospatial information
JB GIS ad hoc Committee on Risk and Disaster Management

http://www.fig.net/jbgis/publications/jbgis_booklet_2010.pdf
Geoinformation for Disaster and Risk Management, Examples and Best Practices Booklet
Maps
Maps
Maps
International Cartographic Association

• The International Cartographic Association aims to advance the study of cartographic or geographic information (GI) science issues.

• It realizes this by initiating, fostering and co-ordinating research in cartography and GI science, and by organizing international and regional conferences, meetings, exhibitions and outreach programs.

www.icaci.org
ICA’s operating environments

- promote application of cartography
- development and promotion of our subject
- support professionals and users
- development scientific and technology base
- stimulate a good design
ICA Instruments: publications

books

proceedings

newsletter
ICA Instruments:
outreach and capacity building programs
ICA Instruments: conferences
## ICA Instruments: Commissions

- Commission on Map Design
- Commission on Map Production and Geo-Business
- Commission on Map Projections
- Commission on Mapping from Remote Sensor Imagery
- Commission on Maps and Graphics for Blind and Partially Sighted People
- Commission on Maps and Society
- Commission on Maps and the Internet
- Commission on Mountain Cartography
- Commission on Neccartography
- Commission on Open Source Geospatial Technologies
- Commission on Planetary Cartography
- Commission on Theoretical Cartography
- Commission on Ubiquitous Mapping
- Commission on Use and User Issues
- Commission on Art and Cartography
- Commission on Atlases
- Commission on Cartography and Children
- Commission on Cartography in Early Warning and Crisis Management
- Commission on Cognitive Visualization
- Commission on Data Quality
- Commission on Digital Technologies in Cartographic Heritage
- Commission on Education and Training
- Commission on Generalisation and Multiple Representation
- Commission on Geoinformation Infrastructures and Standards
- Commission on Geospatial Analysis and Modeling
- Commission on Geovisualization
- Commission on GI for Sustainability
- Commission on the History of Cartography
Commission on Cartography in Early Warning and Crisis Management

Terms of Reference
• Provide leadership in the development of concepts ...
• Promote the cartographic use of ...
• Investigate psychological condition of end user ...
• Foster quality mapping and cartographic modeling ...
• Participate and contribute to ...
• Promote the development of dynamic and real-time cartographic ...
• Establish and cultivate professional networks ...
• Develop mechanisms of command and control systems ...
• Develop mapping methodologies .... in children perspectives ...
The 8th International Conference on Geo-information for Disaster Management

Gi4DM 2012
13-14 December, 2012,
Enschede, The Netherlands