COMMISSION ON CARTOGRAPHY IN EARLY WARNING AND CRISIS MANAGEMENT

RESEARCH AGENDA

1. Provide leadership in the development of concepts, ontologisation and standardization for early warning, hazard, risk and vulnerability mapping.

2. Promote the cartographic use of remotely sensed and other geospatial data for early warning and crisis management through scientific conferences, seminars and workshops.

3. Investigate psychological condition of end user given by their personal character and situation and psychological condition of rescued persons (with support of ubiquitous and adaptive mapping).

4. Foster quality mapping and cartographic modelling, including state-of-the-art visualization technologies, geospatial processing and publishing tools, for early warning and crisis management through topic related publication activities.

5. Participate and contribute to global initiatives in early warning and crisis management through the maintenance of a website, newsletters and social network channels.

6. 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.

7. Establish and cultivate professional networks for exchange of information among stakeholders in the domains of crisis management and early warning.

8. Develop mechanisms of command and control systems integration as well as improve real-time data-centric intelligence based on field sensors for purposes of Crisis Management.


http://icaci.org/commissions/
COMMISSION CHAIR: MILAN KONECNY, CZ
COMMISSION DEPUTY CHAIRS: CHRISTOPHE LIENERT, CH AND LI JING, P.R. CHINA
LIASON: LIU YAOLIN, P.R. CHINA

World Network of Permanent Activities:
Riviera/Nessebar/Albena, Bulgaria; Novosibirsk, Russia; AutoCarto, USA; Praha/Brno, Czech Republic; Wuhan/Beijing, P.R. China

Activities with sister organizations:
ISDE: Beijing, Wellington, Kuchin; IEAS: Beijing; FIG: Ust Kamenogorsk, Almaty, Ulanbator; China-EU Disater Risk Management project of high level;

VALID project (participation but critical commission position)

Next activities:

December, 3-5 2013 Wuhan, P.R. China. International Workshop on Cartography and Geoinformatics in Early Warning and Crises Management: discovering the new potentials.


Publications:


