

Conferência

Geoinformation and Cartographic Research Agenda in Early Warning and Crises Management

Professor Milan Konecny

Head of Laboratory on Geoinformatics and Cartography

Faculty of Science / Masaryk University

Brno, República Checa

16 de Maio

11.30 h

Anfiteatro 1, Bloco B1

FCSH, Avenida de Berna 26-C, Lisboa



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Faculty of Science, Masaryk University, Brno, Czech Republic

Lecture is describing contemporary state of the art of using geoinformatics and cartography in Early Warning (EW) and Crises Management (CM). It gives overview of approaches in UN, EU and some other countries (China, Japan-Fukushima). Relevant legislation and ICT activities in EU are described. The development of SDIs (1st and 2nd generation) will be commented, incl. their potentials for EW and CM. Special attention is devoted for GMES and INSPIRE efforts. Also relations and potentials of the role of public administration in EW and CM are highlighted. In the last part of lecture the development of new fields of cartography (adaptable and context one) is described.

Prof. Konecny was awarded Doctor of Geographical Sciences from Masaryk University in 1982. He served as Lecture, Associate Professor and Professor of Masaryk University, Czech Republic during 1982 - onwards.

He is currently the Professor of Geodesy and Cartography of the same university, Professor of Geoinformatics and Regional Geography at University of Konstantina Filozofa, Nitra, Slovakia He acts as a Guest Professor of Vienna University, Austria, Technical University in Ust Kamenogorsk, Kazakhstan and The Chinese University in Hong Kong, China.

He was awarded as the Honorary Professor of the Siberian State Academy of Geodesy Novosibirsk and Doctor Honoris Causa of University of Architecture, Engineering and Geodesy in Sofia, Bulgaria .

Prof. Konecny takes the leadership in many international professional bodies, during 2003-7 was President of International Cartographic Association (ICA (contemporary past president), now serves as chairman of ICA Working Group "Cartography on Early Warning and Crises Management", the Vice-President of International Society for Digital Earth (ISDE) and Academician and President of European Center of International Eurasian Academy.

He is also Director of Czech Focal Point for Geographical Information Group (GISIG). He is the member of editorial board for top journals including the International Journal on Digital Earth (IJDE), Geoinformatica and International Journal of Geoinformatics.

Prof. Konecny is the council member of Czech Cartographic Association and member of International Advisory Board of Center of Earth Observations and Digital Earth (CEODE), CHAS, Beijing.

He organized many high level international conferences at his country and abroad (incl. China -EU high level seminar of EW and CM in Beijing in 2009). His research interests include the role of geoinformatics and cartography in Early Warning and Crises Management, dynamic geovisualization, creation of SDI in Europe (he is expert of INSPIRE and GMES), design of Information and Knowledge-based Society. He is a co-author of first GIS book in Europe in 1985 and editor of EW and CM book in Springer Verlag (in 2010) and two specialized issues on Geoinformatics and Cartography in Early Warning and Crises Management in International Journal on Digital Earth (Taylor and Francis, 2010).

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