

Spatial assessment and analysis of vulnerability

GIScience applied in the interdisciplinary domain of hazard and climate change research

July 6-7, 2010

GI_Forum Workshop

Salzburg, Austria

About the workshop

This theme is expected to highlight different developed and currently investigated methodologies to **spatially assess vulnerability**. It will specifically address the issue of **vulnerability assessment**, independent from conceptual discussions. The focus will be on the **review and discussion of different methods** of GIScience employed to **assess, quantify and represent** vulnerability as integrated spatial phenomena. Within a workshop session, current **achievements and future research challenges** will be identified and formulated.

Topics

- Assessments in the domains of disaster risk reduction, climate change, natural hazards and human security
- Methods for indicator selection and index construction
- Scale issues in vulnerability assessments
- Validation and accuracy of vulnerability assessments
- Spatio-temporal visualisation of complex indicators

The workshop is scheduled for **Tuesday, July 6** and **Wednesday, July 7, 2010** and will be followed by the annual GI_Forum. In addition to **presentations** ranging from different scholarly schools of vulnerability the workshop will focus on output oriented **discussion sessions**.

The papers will be **peer-reviewed** and **published in a book**.

Schedule

- Deadline for submission of full papers for oral presentation and publication in the conference proceedings 01 February 2010 (Information about submission of papers is available at www.gi-forum.org)
- Notification about accepted contributions 17 March 2010

Scientific committee

- Susan L. Cutter, University of South Carolina (**Keynote Speaker**)
- Mark Pelling, King's College London
- Thomas Loster, Munich Re Foundation
- Fabrice Renaud, United Nations University (EHS)
- Klaus Steinnocher, Austrian Institute of Technology
- Melanie Gall, Louisiana State University
- Peter Zeil, Centre for Geoinformatics – University of Salzburg
- Stefan Kienberger, Centre for Geoinformatics – University of Salzburg

About the GI_Forum

The world cultural heritage city of Salzburg is the setting for the 4th Geoinformatics Forum. GI_Forum 2010 runs concurrently with the highly regarded German language conference on Applied Geoinformatics, both organized by Salzburg University's Centre for Geoinformatics.

The two symposia share the innovative AGIT EXPO exhibition and stimulating social events. The interdisciplinary GI_Forum focuses on an international GIScience audience, communicating in English, and sharing an interest in translating new methods and techniques into a broad range of application domains in Geoinformatics. Young researchers and established scientists find a vibrant GI community from academia, industry, and government to analyze progress and to explore new research directions.

Further information is available at www.gi-forum.org