

GI_Forum 2010

First Call for Papers

GI_Forum2010
SYMPOSIUM and EXHIBIT
APPLIED GEOINFORMATICS
Salzburg, July 6-9

<http://www.gi-forum.org/>

The Geoinformatics Forum Salzburg (GI_Forum) is scheduled for July 6-9, 2010, at the University of Salzburg, Austria. **Audience.** GI_Forum focuses on an international audience that shares an interest in Applied Geoinformatics. This Call for Papers aims at researchers who design, develop and apply advanced methods and techniques of Geoinformatics to a broad range of application domains.

Themes & Application Fields. GI_Forum solicits contributions on emerging topics and research outcomes related to current Geoinformatics methodology, and especially wishes to attract submissions pertaining to the following topics:

- *Advances in Geovisualization and Cartography* (in cooperation with InterCarto-InterGIS)
- *Spatial Data Infrastructure*
- *Mobile GIS and Location Based Services*
- *Digital Terrain Representation and Analysis*
- *Digital Cities and Urban Sustainability*
Digital Cities are meant to provide a collaborative platform based on modelling of existing and planned urban infrastructure. This concept supports applications of a wide scale range, from the whole city, a city quarter, or a group of buildings down to a single building. We welcome contributions focused on applications as well as conceptual views.
- *Global Change: Monitoring and Modelling*
"Global change" – a short formula for a multitude of anticipated shifts in societal and environmental domains due to strong global drivers such as climate change – calls for monitoring and modelling techniques to better understand regional implications and potential dynamics of such changes in a geospatial manner. International programmes and visions (GEO, GMES, SEIS, ...) envisage unified systems based on quality standards for data, products and services to establish optimized observation and forecasting capacity within Europe, and globally.
- *Vulnerability: Spatial Assessment and Analysis*
This topic 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.
- *Learning with Geoinformation*
We encourage contributions discussing various issues related to geoinformation in education. In 2010 a special focus is put on the concept of 'Spatial Citizenship' and the role of GI-based learning in developing the relevant competences. The bilingual conference on Learning with Geoinformation will host such contributions in sessions partially shared with GI_Forum. Please refer to the separate CFP (www.gi-forum.org/learning). These contributions will be published in separate proceedings.

Submission: Types & Deadlines. GI_Forum 2010 gives authors choices about the type of submission they want to make in order to accommodate a variety of interdisciplinary contributions. Submissions are expected in English language according to the formatting guidelines published on the conference website.

- Deadline for submission of *full papers for oral presentation and publication in the conference proceedings; and extended abstracts for discussion sessions: **February 1, 2010.***
- Late deadline for submission of *extended abstracts for poster presentation: **June 7, 2010.***

We will accept online submissions only, starting from December 2009 at <http://www.gi-forum.org/>

Publication. Accepted full paper submissions will be published by Wichmann Verlag as a book. Extended abstracts for discussion sessions will be acknowledged in the proceedings.

We are looking forward to your contribution!

Conference Chair: Josef Strobl

Programme Chair: Adrijana Car

office@gi-forum.org