



## 1<sup>st</sup> Call for Papers

### 15th International Symposium on Spatial Data Handling

Geospatial dynamics, geosimulation and exploratory visualization

22-24th August, 2012, in Bonn, Germany (1 week before the IGC in Cologne)

The 15th SDH aims to bring together scholars and professionals from the international GIScience community to present the latest research achievements and to share experiences in Geospatial dynamics, geosimulation and exploratory visualization. The Symposium program will feature keynote speeches delivered by leading scholars, technical sessions with reports of the latest research outcomes, a student forum and pre-conference workshops. We expect it to become a major event in the international GIScience community in 2012.

The International Symposium on Spatial Data Handling (SDH) is the premier biennial international research forum for Geospatial Information Science (GIScience). It commenced in 1984, in Zurich, Switzerland and has been held in Seattle, USA; Sydney, Australia; Zurich, Switzerland; Charleston, USA; Edinburgh, UK; Delft, The Netherlands; Vancouver, Canada; Beijing, China; Ottawa, Canada; Leicester, UK; Vienna, Austria; Montpellier, France; and Hong Kong, China.

Paper selection is based on full paper double blind peer review. Accepted papers will be published in the symposium proceedings (most likely *Advances in Spatial Data Handling*, Springer – to be confirmed). Selected papers may be published in a special issue in the *International Journal of Geographical Information Science*.

#### We solicit papers in the following themes:

- Modeling and Analysis of Movement Data
- Geosimulation
- Spatiotemporal Data Structures and Algorithms
- Spatiotemporal Modeling and Analysis
- Modeling Spatial Dynamics
- Spatial Process Models
- Location-Based Services
- User-Generated Content
- Geospatial Data Integration
- Spatio-temporal Information Acquisition
- Geosensor networks
- Multi-scalar Modeling and Analysis
- Geographic Information Retrieval and Dissemination
- Geographic knowledge discovery and data mining

- Spatial Decision Support Systems
- Spatial Data Mining
- Spatial Data Quality and Uncertainty
- Visual Analytics
- Exploratory Visualization of spatiotemporal data

**Important Dates**

1<sup>st</sup> circular and call for papers September 2011  
Deadline for full papers: 15 December 2011  
Notification: 31 January 2012  
Final versions due: 1 March 2012  
Conference: 22-24 August 2011

**Website:** <http://www.sdh2012.org>

**E-mail for enquiries:** [info@sdh2012.org](mailto:info@sdh2012.org)

**General Chair:** Sabine Timpf, University of Augsburg

The symposium is co-organized by the Commission on Geographic Information Science and the Commission on Modelling Geographical Systems of the International Geographical Union (IGU).

**Steering Committee:**

Itzhak Benenson, Tel Aviv University, Israel  
Stewart Fotheringham, National Centre for Computation, Ireland  
Klaus Greve, University of Bonn  
Bin Jiang, University of Gävle, Sweden  
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Anne Ruas, IGN, France  
Monika Sester, University of Hannover, Germany  
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Stephan Winter, University of Melbourne, Australia