

## Call for Papers

### **ISPRS Journal of Photogrammetry and Remote Sensing Theme Issue “Visualization and Exploration of Geospatial Data”**

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**Planned publication date:** Spring 2008

Visualization advancements now allow virtual displays of the landscape in high detail operating both on the desktop and on the World Wide Web. From global scales of worldwide processes to fine-scale views of cities, buildings and interiors, visualization techniques are being used to interactively explore spatial structures and processes, create virtual realities, demonstrate possible outcomes from management scenarios, take part in decision making, look back in time to “see” landscapes before human activity and provide input for location based services.

This theme issue focuses on recent advances in landscape visualization techniques and applications focusing on the use of remotely sensed and derived data.

Some of the topics to be addressed in this issue include (but are not limited to):

- New geovisualization methods for presenting and exploring structures and processes from geospatial data;
- 3D, 4D and real-time visualization techniques, including façade texturing for rendering 3D city models;
- Geovisualization of geospatial data reliability and uncertainty;
- Application of geovisualization techniques, e.g. for environmental, planning and emergency response tasks;
- Technical advancements and methods for representing geospatial data on various end user devices (such as mobile telephones or PDAs);
- Empirical investigations concerning psychological aspects of presenting geospatial data and cognitive learning from geovisualizations.

Papers must be original contributions, not previously published in or submitted to other journals. Papers published or submitted for publication in conference proceedings can be considered to the extent that they are considerably extended and improved. Substantive research and relevant-for-practice papers will be preferred. Papers must follow the instructions for authors described at <http://www.itc.nl/isprsjournal>. Please submit the full manuscript to <http://ees.elsevier.com/photo> by **August 31, 2007**.

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