

The logo consists of the letters 'GeoVis' in a blue, pixelated font. The background is a white grid that has been distorted with a wavy, undulating effect, giving it a 3D or warped appearance.

GeoVis

Hamburg 2011

March 10&11, 2011

Linking Geovisualization with Spatial Analysis and Modeling

# Scope

Modern society is engulfed in and increasingly fuelled by an overwhelming glut of geospatial information. For instance, virtual globes have integrated terabytes of satellite imagery, aerial photos, digital maps and user generated content meaning that citizens across the globe can zoom from space right down to street level, and easily pinpoint their individual houses and add georeferenced images and comments. However, it is **geospatial knowledge**, in forms of patterns, structures, relationships, and rules, rather than the assembly of spatial

information, that can significantly contribute to solving real world problems.

Neither human operators nor automatic procedures alone are able to derive such knowledge in an effective or efficient manner. Hence, there is the need to **link computational methods with interactive maps and cartographic techniques** to support analysis of complex, voluminous and heterogeneous information involving measurements made in space and time.

This linkage of computational and visual methods will be addressed at this specialist workshop in detail. It will deal with relevant theories as well as with various applications from decision support, disaster management, information communication, and many others in which computational techniques for analyzing and modeling geospatial information are integrated with visual methods for their depiction, interaction and analysis.

This meeting will follow the format of the successful GeoViz Hamburg meeting of March 2009.

## Contributions

We call for theoretical, experimental and applied papers that explore the links between geovisualization, spatial analysis and modeling. We encourage live demos and the discussion of ground-breaking work in its early stages. All together we will give time and space for a real workshop character.

We expect your abstracts (ca. 2 pages, PDF, IEEE format) until **November 1, 2010**. Please send these to [geoviz@geomatik-hamburg.de](mailto:geoviz@geomatik-hamburg.de)

Notification of authors will be done December 10, 2010. Short abstracts of accepted presentations will be published online at the workshop web site. Selected submissions will be invited for consideration in a special issue of the journal *Cartographica*.

**More information & registration:**  
[www.geomatik-hamburg.de/geoviz](http://www.geomatik-hamburg.de/geoviz)

## Organizers

The meeting is jointly organized by the **International Cartographic Association Commissions on GeoVisualization** and on **Geospatial Analysis and Modeling**, together with **HafenCity University Hamburg (HCU)**.



**HCU**

HafenCity University  
Hamburg