

# Digital Earth Summit on Geoinformatics: Tools for Global Change Research

## Registration and Conference Fee

### Early registration fee (money transfer until 1 July 2008)

Regular	150 €
GfGI and ISDE members	125 €
Students	75 €

### Late registration fee (money transfer after 1 July 2008 or payment on site)

Regular	200 €
GfGI and ISDE members	175 €
Students	100 €

Online registration and payment by credit card will be possible. For more information, please refer to the conference web site [www.isde-summit-2008.org](http://www.isde-summit-2008.org).

## Accommodation

A list of hotels with a preferential rate for conference participants will be published on the conference web page in the next future.

## Field Trips and Social Programme

We are going to offer an interesting excursion program to our conference participants. Please refer to our web page in the next few months

## Scientific Programme Committee

**Chair:** Manfred Ehlers (GfGI, University of Osnabrueck, Germany),  
**Co-Chair:** Friedrich-Wilhelm Gerstengarbe (PIK, Potsdam, Germany),  
**Co-Chair:** Reinhard Hüttl (GFZ, Potsdam, Germany),  
**Finances and General Secretary:** Lothar Koppers (GfGI, Anhalt University, Germany), Mariam Akhtar-Schuster (Desert.net, University of Hamburg, Germany), Allesandro Annoni (JRC, Ispra, Italy), Richard Bamler (DLR Oberpfaffenhofen, Germany), Daniel Civco (University of Connecticut, Storrs, USA), Nickolas Faust (Georgia Tech Research Institute, Atlanta, Georgia), Timothy Foresman (International Center for Remote Sensing Education, Baltimore, USA), John van Genderen (ITC, Enschede, The Nether-

lands), Michael Goodchild (University of California, Santa Barbara, USA), John Graham (San Diego State University, San Diego, USA), Klaus Greve (University of Bonn, Germany), Huadong Guo (ISDE, Chinese Academy of Science, Beijing, China), Joachim Hill (University of Trier, Germany), David Keith (University of Calgary, Canada), Milan Konecny (University of Brno, Czech Republic), Antonio Krüger (University of Muenster, Germany), Andreas Küppers (GFZ, Potsdam, Germany), Mojib Latif (IFM-Geomar, University of Kiel, Germany), Deren Li (University of Wuhan, China), Danielle Marceau (University of Calgary, Canada), Shawn Marshall (University of Calgary, Canada), Wolfram Mauser (University of Munich, Germany), Gabor Remetey (GIS Association, Hungary), Tetsuya Sato (Earth Simulator Center, Yokohama, Japan), Hans-Joachim Schellnhuber (PIK, Potsdam, Germany), Christiane Schmillius (University of Jena, Germany), Jean Sequeira (University of Marseille, France), Richard Simpson (Digital Auckland, New Zealand), Josef Strobl (University of Salzburg, Austria), Ludwig Stroink (R&D-Program GEOTECHNOLOGIEN, BMBF, Germany), Georg Teutsch (Helmholtz Centre for Environmental Research UFZ, Leipzig, Germany), Changlin Wang (ISDE, Chinese Academy of Science, Beijing, China), Joachim Wächter (GFZ, Potsdam, Germany), Peter Woodgate (Cooperative Research Centre for Spatial Information, Carlton, Australia), David Wortley (Coventry University, UK)

## Contact Information

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Prof. Lothar Koppers, [koppers@afg.hs-anhalt.de](mailto:koppers@afg.hs-anhalt.de)

## Important dates

- 15 March 2008:** Deadline for abstract submission (max. 400 words)
- 01 May 2008:** Letter of Acceptance
- 01 July 2008:** Deadline for early registration
- 30 July 2008:** Full paper submission

## Conference Website

[www.isde-summit-2008.org](http://www.isde-summit-2008.org)

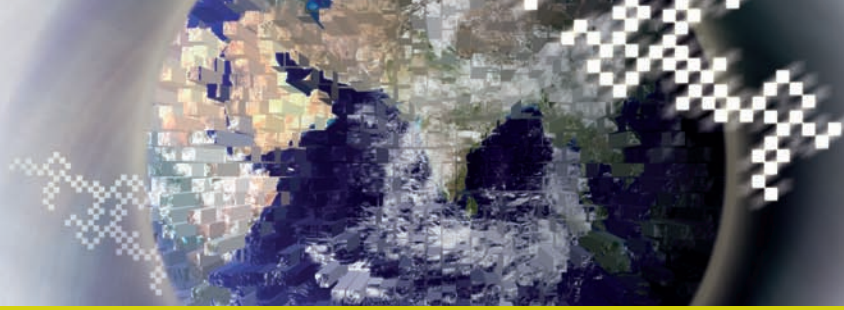


**November, 12 -14, 2008**

Wissenschaftspark Albert Einstein, Potsdam, Germany  
[www.isde-summit-2008.org](http://www.isde-summit-2008.org)

Call for Papers





## About Digital Earth

Digital Earth is a visionary concept popularized by Nobel Laureate and former US Vice President Al Gore for the virtual and three-dimensional representation of the Earth. This Digital Earth representation is spatially referenced and interconnected with digital knowledge archives from around the planet with vast amounts of scientific, natural, and cultural information to describe and understand the Earth, its systems and human activities.

## Purpose of the Digital Earth Summit 2008

The development of Digital Earth technologies and the results of Global Change research are two areas where exciting progress has happened in recent years. Geoinformatic developments are leading to global spatial infrastructures that are being used as Digital Earth models and to inquire attributes from each location on Earth. On the basis of simulations with numerical climate models and on the analysis of observational data, climate researchers have shown that human activities are likely to induce drastic climate changes within this century. Their success is emphasized by the recent Peace Nobel prize that was shared by Al Gore and the United Nations Intergovernmental Panel on Climate Change (IPCC).

The **International Society for Digital Earth (ISDE)** and **the Society for Geoinformatics (GfGI)** believe that it is about time that scientists from both communities come together to discuss the advantages of a closer cooperation between Geoinformatics specialists and scientist involved in Global Change research. Although both communities are involved in Digital Earth modeling they have so far stayed very much within their respective scientific boundaries. Consequently, the Society for Geoinformatics (GfGI) which is based in Germany, Austria, and Switzerland and

the International Society for Digital Earth (ISDE) will bring together scientists and practitioners from both fields during the *Digital Earth Summit on Geoinformatics: Tools for Global Change Research*.

The summit will be organized together with the *Potsdam Institute for Climate Impact Research (PIK)*, the *GeoForschungszentrum Potsdam (GFZ)*, and the *Joint Research Centre (JRC)* of the European Commission. The Summit will bring together leading scientists from Geoinformatics and Global Change research and will foster the exchange of ideas, cooperation between so-far disjoint scientific fields and provide time for in-depth discussion. Invited key note speakers will cover relevant topics in **Geoinformatics, Global Change research, Spatial Data Infrastructures, Digital Earth initiatives, and Earth Observation** activities as well as the interaction between these fields.

## General Topics of the conference

Scientists are invited to submit papers in the following topics

- Data exchange models
- Earth observation programs, services, and applications
- Environmental, socio-economic and political impacts of global change
- Extreme events
- Geospatial data integration
- Global, regional, cross-country and local case studies
- Natural hazards
- Simulation and modeling techniques
- Spatial data infrastructure developments
- Supercomputers for global change research
- Urbanization and impact analysis
- Visualization
- Water resources
- 3D modeling

## Conference Format

The conference will be comprised of invited talks, panel discussions, a series of oral sessions, poster presentations and public lectures. Moreover, it offers an industry exhibition and a social program. Rooms for separate working groups will be available.

## Key Speakers

**Alessandro Annoni** (*Spatial Data Infrastructures Unit, Institute for Environment and Sustainability, European Commission Joint Research Centre, Ispra, Italy*)

**Gabriel del Barrio** (*Estacion Experimental de Zonas Aridas, Spanish National Research Council CSIC, Almeria, Spain*)

**Michael F. Goodchild** (*National Center for Geographic Information and Analysis, University of California, Santa Barbara, CA, USA*)

**Joachim Hill** (*Remote Sensing Department, University of Trier, GER*)

**Mojib Latif** (*Maritime Meteorology, IFM-Geomar, University of Kiel, GER*)

**Mark Mulligan** (*Department of Geography, King's College London, UK*)

**Ndegwa Ndiang'ui** (*United Nations, Committee on Science and Technology*)

**Siegfried Schubert** (*Global Modeling & Assimilation Office, NASA/ Goddard Space Flight Center, Greenbelt, MD, USA*)

**Detlef Stammer** (*Center for Marine and Climate Research, University of Hamburg, GER*)

## Expression of Interest and Call for papers

Please send your expression of interest by an informal email to the contact addressees shown below and your name will be included in the conference list for all future communications. We are now open to receive titles of potential papers for the conference. If you are interested in presenting a paper or poster please send your abstract via email to the conference secretary **koppers@afg.hs-anhalt.de** or use our web site for online submission. Abstracts should be prepared of not more than 400 words and formatted as .doc file.