



# Environmental Informatics and Industrial Ecology

2008

## The Symposium

Modern societies establish socio-economic or industrial metabolisms to supply the needs of their inhabitants. In this perspective, sustainability can be taken as an overall concept to maintain the socio-economic metabolism in the long run, e.g., sustainable use of resources and energy, impacts of products and processes on climate, climate change impacts on value chains etc.

To monitor actual condition and development of metabolisms with the aid of metabolic key indicators, various complementary modeling approaches are required, e.g. continuous and discrete event simulation, material flow analysis, often based on spatial data, life cycle assessment, environmental risk management, environmental management accounting. The approaches demand sophisticated data processing techniques and computer-based information systems, for instance process simulation tools, computer-based environmental accounting systems, geographical information systems, visualization tools, reporting modules, as much as possible integrated into a consistent modeling framework.

The EnviroInfo 2008 conference aims to facilitate the exchange of experience and know-how between academics, and professionals in this research field. It will focus on "environmental informatics and industrial ecology". This indicates that the conference also should make a contribution to bring together the different research communities and to stimulate inter- and transdisciplinary collaboration and research projects in this field.

The conference language is English.

## Contributions

We invite high quality, novel research papers (8 pages), practitioner reports (8 pages), short papers (4 pages) and posters. And we encourage you to present innovative and thought-provoking ideas and to request for comments on works in progress. Please send your abstract as an extended abstract containing about 2,000 characters. For further obligatory details see web pages.

## Environmental Informatics Prize 2008 for Students

For the sixth time the Technical Committee "Informatics for Environmental Protection" of the German Informatics Society will award a prize for a student's work in the field of environmental informatics. The prize is endowed with € 1,000 and an invitation to the EnviroInfo 2008 in Lüneburg. Please contact [enviroinfo2008.org](http://enviroinfo2008.org) for further details.

## Venue

The EnviroInfo 2008 symposium will be hosted at the Leuphana University of Lüneburg. Lüneburg is a medium sized city of 70,000 inhabitants in north eastern Lower-Saxony (Niedersachsen). The city is more than 1,000 years old with a picturesque historic city centre. Lüneburg is one of the Hanseatic cities and provided northern Europe with salt in the Middle Ages.



## Cross-Cutting Topics

Crosscutting topics to be discussed at EnviroInfo 2008 include

- Environmental Modeling and Simulation
- Applications of Geographical Information Systems
- Environmental Management Information Systems (EMIS)
- Business Integration
- Tools and Databases
- Sustainability Reporting
- Environmental Communication and Community Systems
- Anthropogenic climate change
- Environmental health, consumer protection and quality of life

## Workshops

- Umweltinformationssysteme der öffentlichen Verwaltung (german)
- Spatial Data Infrastructures and Data Mining
- ICT-based Corporate Communication and Sustainability Reporting
- Instruments for supporting sustainable environmental planning
- Integrating Information for Health and Environmental Protection
- Sharing Environmental Information – Towards an Integrated Information Space for the Environment in Europe
- ICT for sustainable energy production and energy efficiency
- Open Source in the field of Environmental Informatics
- ICT for risk, health and disaster management

## Important Dates

**12.09.2007** Call for papers

**29.02.2008** Submission of extended abstracts

**10.04.2008** Notification of acceptance

**31.05.2008** Final version of the papers

**30.06.2008** Early payment deadline

**10.-12.09. 2008** **EnviroInfo 2008 conference**

[www.enviroinfo2008.org](http://www.enviroinfo2008.org)

# Call for papers

## Environmental Informatics and Industrial Ecology

22nd International Conference on  
Informatics for Environmental Protection

September 10-12, 2008

Leuphana University of Lüneburg, Germany

### Organization

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