

First Announcement and Call for Papers



4th International ICSC Symposium on Information Technologies in Environmental Engineering

28-29 May 2009, Thessaloniki, Greece

ITEE 2009



Conference Topics

Information Systems

- Software system architectures
- Component-based approaches
- Agent-based systems
- Planning and decision support systems
- Artificial intelligence and expert systems
- Knowledge-based systems
- Semantic web applications
- Ontologies
- Web services for environmental systems
- Distributed computing environments
- Internet technologies for EE systems
- Web based systems and "green" portals
- ERP-Integration
- Environmental & sustainability reporting

Formal methods and data processing

- Pollution engineering and management
- Air quality management
- Environmental & water resource engineering
- Management and distribution of electrical energy
- Power distribution systems
- Process control
- Urban and suburban transport emissions

Geographic information & earth observation systems

- Sensor networks
- Data capturing
- Data management
- Data quality management
- Data interchange formats and standards
- Data access via the Internet
- Data visualisation
- Data mining and knowledge extraction
- Coupling of models and databases
- Quality assurance and control

Environmental policy & management

- Environmental information management
- Environmental-economic accounting
- Environmental monitoring
- Environmental taxation
- Emissions trading
- Road pricing
- Integrated assessment models
- Industrial Ecology
- Ecological Economics
- Sustainable Information Society

Modelling and simulation

- Models for ground, water and air pollution
- Meso-scale and urban scale meteorology
- Emission models
- Simulation of transport processes
- Urban pollution modelling
- Models in environmental risk management
- Material flow management

Tools and measurement techniques

- Water, air, and soil pollution measuring
- Continuous monitoring of gaseous and particulate pollutants
- Monitoring equipment integration
- Monitoring of meteorological parameters, dust, wet and dry deposition

Practical applications and experiences

- Case studies, pilot projects and experiments
- Applications in cities
- Applications related to agriculture, farming systems and nature conservation
- Systematic guidelines
- Reverse logistics
- Recycling networks

All papers will be peer-reviewed by at least 2 members of the Program Committee

Accepted papers will be published in an edited volume by Springer

Important dates

- Abstract submission: November 15, 2008
- Paper submission: January 15, 2009
- Author notification: February 28, 2009
- Revised papers: March 15, 2009
- Conference: May 28-29, 2009

Chairs

Dr. Ioannis N. Athanasiadis

Dalle Molle Institute for Artificial Intelligence, Lugano, Switzerland

Prof. Pericles A. Mitkas

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For more info:

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