

Key Facts

date & time

November 19-21, 2008

Wednesday 9-17h, Thursday 9-17h, Friday 9-15h

important dates

Abstracts: **September 1st**

Notification of acceptance: **September 15th**

Final Papers: **November 1st**

location

Wageningen University and Research Centre
GAIA building (building 101), room 1/2 at the campus
Wageningen, The Netherlands.

registration

Please register by email (antionette.stoffers@wur.nl)
or use the registration form on the website.

registration fees

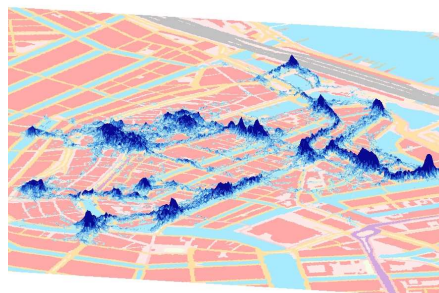
The fee will be 150 Euro which includes excursion,
coffee, lunches, workshop dinner, and CD with confer-
ence presentations. After registration an invoice will
be send to you.

information

For further information, please contact Arend Ligten-
berg (Arend.Ligtenberg@wur.nl) or Lammert Koois-
tra (Lammert.Kooistra@wur.nl).

website:

www.grs.wur.nl/UK/Workshops/scw



Organizer

Wageningen University Centre for Geo-information

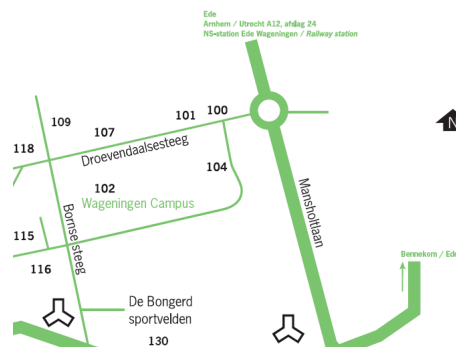
Wageningen-UR

Centre for geo-information (building 101)

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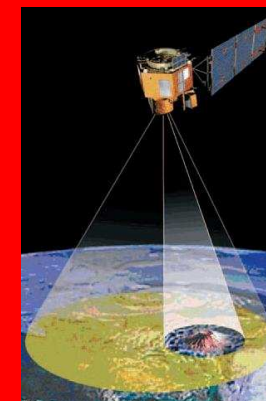


Co-organizer:



Call for Contributions

Sensing a
Changing World
19-21 Nov 2008



Wageningen University

Workshop topics

Contributions from the fields of environmental sciences, geoinformation sciences and computer sciences should address, but are not limited to current topics of:

- Knowledge discovery from sensory data sets
- Scale issues in the processing and application of spatial temporal sensory data
- Real-time and on-demand representation and visualization of sensor data
- Information extraction from sensor network data
- Integration of sensor webs and dynamical modeling
- Development of location and movement based services
- Standardized access to sensor data and the linkage to spatial data infrastructures
- Application of mobile sensor based tracking applications (transportation, urban, tourism, cellular census, location based services etc.)
- In situ and earth observation sensor applications (groundwater, air-quality, river management, agriculture, extreme events etc.)

Keynotes:

- Prof. Dr. Philippe M. Teillet: Dep. of Physics and Astronomy The University of Lethbridge.
- Prof. Dr. Sylvia Nittel: Spatial Information Science and Engineering & NCGI, University of Maine.
- Prof. Dr. Monica Wachowicz: Technical University of Madrid: ETSI Topografía, Geodesia y Cartografía.



Sensing a Changing World

Current developments in sensor technology provide increasing opportunities to analyze human behavior and monitor environmental processes in a changing world.

Access to vast amounts of data from mobile (e.g., gps, mobile phones), in situ (e.g., meteorological, groundwater, seismic) and remote sensing sensors provides scientific researchers with complex but very interesting spatial-temporal data sets. However, the challenge will be to develop concepts and applications that can provide timely and on-demand knowledge to end-users in different domains and at a range of scale-levels.

At this moment various communities show interest in sensor networks from different perspectives. This workshop has the objective to elucidate common concepts on aspects like data communication, processing, standardization, knowledge discovery, representation, and visualization. The workshop results in an overview of the state-of-the-art developments and identification of future research challenges to improve the application of sensor webs in the environmental sciences domains. The workshop brings together researchers, technology developers and users of different involved disciplines and provides a forum for fruitful discussions. **If you would like to participate in the workshop we invite you to submit an abstract describing your research before September 1, 2008.**

During the workshop key-note speakers provide an overview state-of-the-art developments, impact and challenges for sensor web technology in different application fields: urban, water, environment, transportation, agriculture, tourism etc. In addition to the presentations, there will be ample time to discuss relevant issues and open questions. A selection of the presented papers will be published in a special issue of a selected journal (to be announced).

Preliminary Programme

Wednesday November 19th

8.30-9.00:	Opening and Registration
9.00-9.45	Keynote
9.45- 10.45	Plenary Sessions
10.45-11.10	Coffee break
11.10-12.10	Plenary Sessions
12.10-13.15	Lunch
13.15-14.00	Keynote
14.00-15.00	Plenary sessions
15.00-15.15	Coffee break
15.15-16.15	Plenary sessions
16.15-17.00	Discussion
19.00-23.00	Workshop Dinner

Thursday November 20th

8.30-9.00	Opening and Registration
9.00-9.45	Keynote
9.45- 10.45	Plenary Sessions
10.45-11.10	Coffee break
11.10-12.10	Plenary Sessions
12.10-13.15	Lunch
13.15-14.00	Keynote
14.00-15.00	Plenary sessions
15.00-15.15	coffee break
15.15-16.15	Plenary sessions
16.15-17.00	Discussion

Friday November 21th

9.00– 13.00	Excursion to Lofar (Groningen)
15.00	Return to Wageningen

(there is a good train connection from Groningen to Schiphol (about 2 hours 30 min.)

Check www.grs.wur.nl/UK/Workshops/scw for the detailed version of the workshop programme and hotel information