

GUR ANNUAL MEETING

Monday, August 22nd 2005, 5:30 – 8:00 p.m., IDA, Copenhagen

Minutes (preliminary version)

Participants: (contact details: see attached table)
Simon Beecham, Arnold Lobbrecht, Morten Grum, Kapil Gupta, Baxter Vieux,
Mohamed Nor, Soon-Thiam Khu, Sara de Toffol, Stefan Achleitner, Jovan Despotovic,
Guido Vaes, Thomas Einfalt (members)
Erika Pawlowsky-Reusing (guests / new members)

1. Welcome (Chairman)

Guido Vaes welcomed the GUR members and the other persons interested in rainfall.

2. Approvement of the minutes of the previous annual GUR meeting in Lyon, June 2004

The minutes were approved.

3. Elections

The first three year period for both, the chairman Guido Vaes and the secretary Thomas Einfalt has expired. Both will be available for the next three year term, but other candidates are also welcome. They should make themselves known to the GUR secretary until September 30th.

The vote should be done via email in order to include also the members that could not attend the Annual Meeting and be performed before the end of the year.

4. GUR Activities in 2004/2005

- Journal of Hydrology

The radar rainfall article in Journal of Hydrology authored by Thomas Einfalt, Karsten Arnbjerg-Nielsen, Niels-Einar Jensen, Markus Quirnbach, Baxter Vieux, Claudia Golz, Guido Vaes appeared in Volume 299 of the Journal in December 2004. A PDF of the article can be requested from Thomas Einfalt at thomas@einfalt.de.

- Pontresina proceedings

The Pontresina proceedings have been reviewed and will appear in Atmospheric Research presumably in October this year.

- Short course on Radar rainfall during 10th ICUD

A short course "Radar for Hydrologists" was conducted by the GUR as pre-conference event to the 10th ICUD. There were 21 attendants (including lecturers). As a proposition for future short courses, a reduced fee could be applicable for students and participants from developing countries.

5. Membership Update

The secretary of the GUR will take care of an update of the membership list.

6. Future activities

- Seventh Workshop on Precipitation in Urban Areas, St.Moritz, Switzerland, 7-10 December 2006.
- UDM 2006 in Melbourne, Australia
- ERAD 2006 in Barcelona, Spain
- Hydrological Applications of Weather Radar 2007 in France

- Novatech June 2007 in Lyon, France
- Regional workshop on hydrometric measurement on 1/2December 2005 in Belgrade

7. Discussion on JCUD and Working Group objectives

Working group activities

Mentioned were as core activities today:

- Applied engineering and modelling with appropriate data
- Methodologies for online data (esp. radar) and for historical data (esp. good disaggregation models for urban hydrology)

A key point for this is the availability of data (including their cost)

Future activities should / could include:

- Critical review of GUR members on papers using any kind of rain data
- Design of hydrometeorological observation systems (e.g. answering: "how many raingauges do you need for one radar")
- Scaling issues
- Non-stationarity of data, data criticism, climate change and consequences for urban hydrology
- A state of the art report on Urban Rainfall Practice (data correction, data checking, small time steps)
- Development of meta data for urban rainfall data (e.g. data owner, contact to obtain data)
- Evaluation of data treatment in water authorities
- Rainfall design for urban areas (IDF curves) / practice handbook, in collaboration with FRIENDS?
- Urban heat island effects (→ Exeter)
- Tropical rainfall workshop
- Quantification of distributed rainfall vs. raingauges
- Cross-connections to WSUD, RTC and Data + Models working groups

JC activities

Future activities should / could include:

- Drainage in the tropics
- Solutions for poor areas
- Interaction with ecosan approaches (separate and treat before creating combined sewage)
- Interaction with architects and city planners
- Flash flood focus
- Model integration
- Hydrometeorology