

Draft Minutes
IGUR annual meeting 2015

December 2th, 2015
Pontresina Sporthotel, Switzerland

Participants:

- Simon Beecham (IGUR chairman)
- Jovan Despotovic
- Karsten Arnbjerg-Nielsen
- Patrick Willems
- Matthias Demuzere
- Sören Thorndahl
- Auguste Gires
- Vojtech Bares
- Martin Fencel
- Peter S Mikkelsen
- Bahareh Kianfar
- Elena Cristiano
- Marzena Wicht
- Asia Downtin
- Van Nguyen
- Zohidov Bahtiyor
- Hjalte Sörup
- Hannes Müller
- Urszula Somorowska
- Marie-Claire ten Veldhuis
- Christian Onof
- Markus Quirnbach
- Thomas Einfalt (IGUR secretary)

1. Welcome (Simon Beecham)

⇒ Simon presents the IGUR

2. IGUR activities or supported by IGUR since previous IGUR meeting :

Past conferences:

- UDM 2015, Québec, Canada
- EGU 2015
- UrbanRain15, Pontresina, Switzerland

3. News from the JCUD (Karsten Arnbjerg-Nielsen)

⇒ Karsten reports on the meeting which took place at Québec City during UDM.
Cooperation with other groups is a wish. Regular newsletter is produced once a year.

4. other reports:

- Marie-Claire ten Veldhuis: RainGain Interreg project finalisation: 30 november 2015. Two polarimetric X-band radars installed in Paris + Rotterdam. Weblink: raingain.eu
- Patrick Willems: PLURISK project (Belgium) (<http://www.kuleuven.be/hydr/plurisk>) on the development of methodologies and software for nowcasting of fine-scale extreme rainfall, two-dimensional fine-scale modelling, mapping and nowcasting of inundations in urban areas, socio-economic urban flood risk quantification, urban flood risk communication and warning, and the study of new sustainable urban flood management strategies (green - blue water; landscape architecture; ecotechnologies)
- Thomas Einfalt: RainAhead (www.rainahead.de) on the development of a planning and warning tool for urban flash floods and the mitigation of the consequences and StucK (www.stuck-hh.de) on the concurrent arrival of storm tide and heavy precipitation in coastal areas (Germany) are interesting projects with strong emphasis on precipitation information in real time
- Hannes Müller: SYNOPSE project: tool for producing time series for past + future time series for any location in Germany - <http://www.iww.uni-hannover.de/en-us/Mitarbeiter/Haberlandt/Forschungsprojekte/Projekte/index.php?pid=98> or <http://www.bmbf.nawam-inis.de/inis-projekte/synopse> .
- Søren Thorndahl: EU project: WATER JOINT PROGRAMMING INITIATIVE - WATERWORKS 2014 COFUNDED CALL
Project: MULTI-SCALE URBAN FLOOD FORECASTING (MUFFIN)
Partners: Swedish Meteorological and Hydrological Institute (Jonas Olsson), Aalborg University, Denmark (Søren Thorndahl), Delft University of Technology, The Netherlands (Herman Russchenberg), Aalto University, Finland (Teemu Kokkonen)
U-funding: € 867000, total budget: €1.2M. Project will start spring 2016.
- Jovan Despotovic: flood of last year most severe in Sava river. Seeking for a group of hydrologists to complete information based on satellite + rainfall information. Useful for Romania + Bulgaria in particular.
- Van Nguyen: flood land project over 5 years in Canada with 10 universities across Canada + more partners. Flood forecasting + extreme events + IDF in climate change + new rainfall map for Canada → workshops floodnet: <http://www.nsercfloodnet.ca/>

5. Future activities :

- IGUR activities :
 - Novatech 2016: 28 June – 1 July 2016. Website: http://www.novatech.graie.org/a_index.php
 - Workshop at Novatech 2016? No.
 - Planned activities:

Following ideas for future research cooperation by the IGUR were discussed – for each of the topics a one page text shall be produced:

- on “radar measurements / data processing” (in parallel to the ISO standard working group) (contact: Thomas Einfalt and Marzena Wicht)
- on “spatial rainfall for design” (Karsten Arnbjerg-Nielsen)
- on “continuous rainfall simulation” (Simon Beecham)
- on “multidecadal climate oscillations” (Patrick Willems)

Simon distributes template for one page text

Discussion: radar and / or climate change impact topics would be worthwhile to pursue

⇒ proposals should be formulated and sent to Simon Beecham and Thomas Einfalt within next 3 months: by end of Feb 2016

Jovan Despotovic: the IWA office for central Asia located in Bucharest is a dissemination possibility: training workshops or conferences

Hannes Müller reports on Young Hydrologic Society: <http://younghs.com> (with LinkedIn forum and profiles on twitter and facebook). Hannes proposes to advertise the IGUR at YHS.

Marzena Wicht reports on a conference in Salzburg: Conference GI Forum / AGIT beginning of July, GIS applications including rainfall, urban climate, climate change

Future conferences of importance:

- Marie-Claire ten Veldhuis: EGU session on rainfall and urban hydrology session. 18-23 April 2016. Strong policy to support young scientists
- EGU session: convection permitting climate simulations
- Link to IA Urban Climatology → contact? Matthias Demuzere
- Karsten Arnbjerg-Nielsen: Bergen (last week of August): Scandinavian conference on urban themes
- Van Nguyen: ASCE Session on Urban Rainfall, Palm Beach Florida, May 2016
- Van Nguyen: UCSD in May 2017
- Update of members list and website
- Next annual IGUR meetings
2016 Novatech

Any other item

- Membership France: Daniel Schertzer will contact Dominique Creutin for replacement possibilities
- A Junior Scientist Workshop on precipitation forecasting is envisaged for late 2016 by Peter Steen Mikkelsen, Thomas Einfalt, Patrick Willems and others