



Hydrological Sciences Division Meeting

Gerrit de Rooij

EGU GA Vienna

May 1, 2014





Agenda

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2. Agenda
3. General Assembly 2014
4. Matters that require approval from the Division Meeting
5. Outstanding Student Posters: report + awards
6. Hydrology and Earth System Sciences Journal: report + awards
7. Outstanding Young Scientist Award
8. Medal Lectures and Medal nominations, Outstanding Young Scientist Award
9. Leonardo Conferences
10. Young Hydrological Society
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12. HS Officers
13. Communication at EGU
14. Next Programme Group Chair
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3. General Assembly 2014

EGU overall increased since 2013 (+12%), the final tally of HS is 2027 abstracts (+16%). We have reached the limit for poster boards.

- EGU: 14895 abstracts, 4829 oral (32%), 9583 posters (64%), 483 PICOs (3%)
- HS: 587 orals (34%), 1142 posters (65%), 23 PICOs (1%)
- HS program comprises 78 sessions





4. Matters that require approval from the BM

The committees that select the Dalton and Darcy Medallists need a formal approval by this body.

- Dalton Medal Committee:
 - Murugesu Sivapalan (Chair)
 - Hoshin Gupta
 - Michael Roderick
 - Kurt Roth
 - Alberto Montanari
 - Ex-officio: Gerrit de Rooij





4. Matters that require approval from the BM

The committees that select the Dalton and Darcy Medallists need a formal approval by this body.

- Darcy Medal Committee:
 - Jan Szolfgay(Chair)
 - Upmanu Lall
 - Georgia Destouni
 - Tissa Illangasekare
 - Alberto Montanari
 - Ex-officio: Gerrit de Rooij





4. Matters that require approval from the BM

The Plenary Meeting approved updates to the bylaws. Divisions now need to have a Deputy President

- I propose the Chair of the SD Catchment Hydrology: Laurent Pfister.





5. Outstanding Student Posters: report + awards

Rewards the best posters of young scientists (graduate students and recently completed PhDs)

- Coordinators: Theresa Blume (reporting) and Ilja van Meerveld, Andreas Güntner (EGU)
- 310 posters in the competition! (2013: 85, 2012: 184)
- 75 sessions, with 220+X judges
- Conveners: please pick up your judging forms at the EGU information desk and drop them off there as well





5. Outstanding Student Posters: report + awards

Procedure

- (PhD-) students register their wish to enter the competition when uploading their abstract
- 3 judges per poster
- Criteria: scientific quality, presentation, and discussion
- Top 1-5 of the ranked posters win the OSP Award





5. Outstanding Student Posters: report + awards

Benefits of participating:

- 3 judges per poster come to talk to you
- Feedback on poster

If you win:

- short presentation on the EGU website
- conference fee waived for the next GA
- when the work is subsequently published in HESS, the page charges will be waived





5. Outstanding Student Posters: report + awards

The 2013 OSP winners:

Frouke Hoogland

Liquid redistribution behind a drainage front in porous media imaged by neutron radiography



Yagmur Derin

Evaluation and Bias Adjustment of Multiple Satellite-based Precipitation Products over Complex Terrain





6. Hydrology and Earth System Sciences Journal: report + awards

Hubert Savenije (Executive Editor) reports





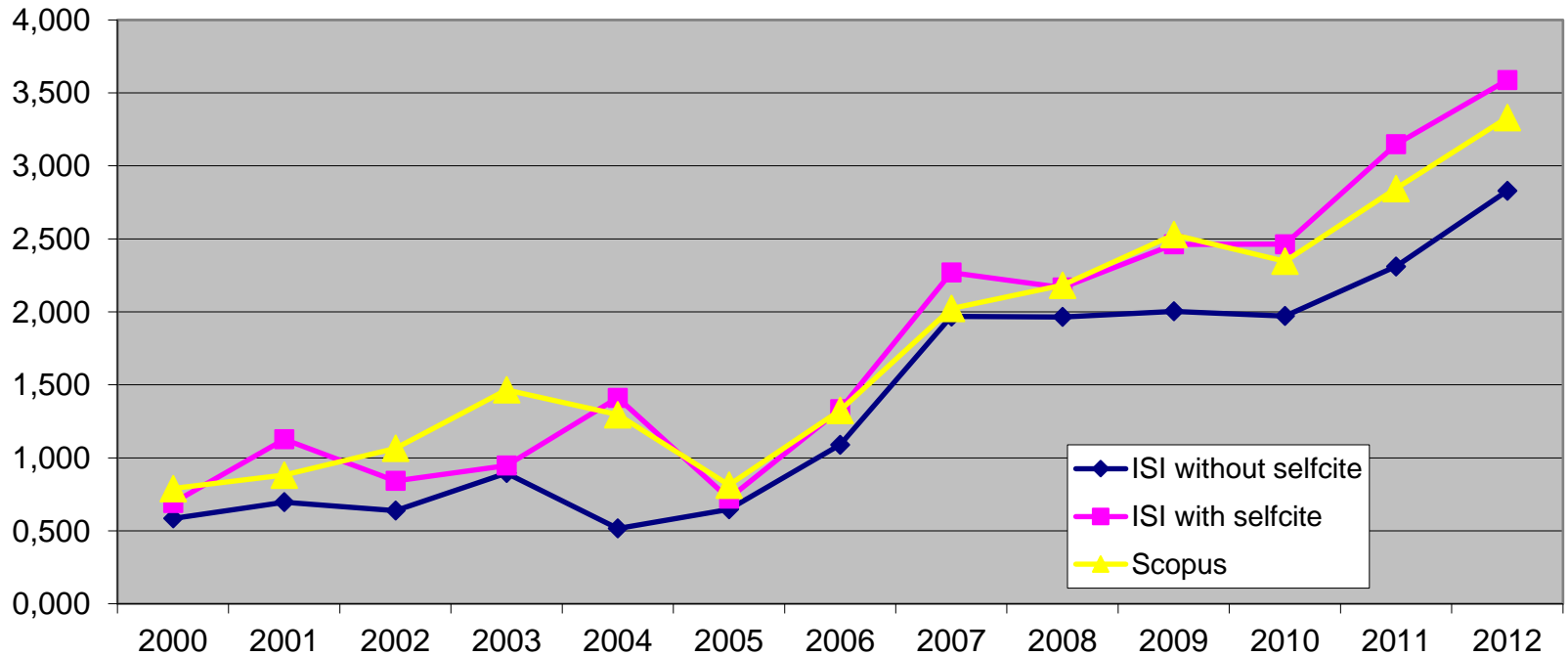
EGU Hydrological Sciences Division Journal

Hydrology and Earth System Sciences (HESS)
electronic

Executive Editors:

Erwin Zehe, Hubert Savenije, Jesus Carrera

HESS Impact Factor



- Impact factor 2012: 3.587
- Impact factor 2013: expected 3.5+



2012 HESS OUTSTANDING EDITOR AWARD

HYDROLOGICAL SCIENCES



Dr. Alison Reeves

In recognition of her excellent
service
as Editor of
Hydrology and Earth System
Sciences
in the period 2012 - 2013



Hydrology and Earth System Sciences
An Interactive Open Access Journal of the European Geosciences Union

Hydrology and Earth System Sciences (HESS)

2013 JIM DOOGE AWARD

for the most outstanding paper of HESS in 2013

HYDROLOGICAL SCIENCES



The European Geosciences Union

presents the

"Jim Dooge Award"

to

E. Rabiei, U. Haberlandt, M. Sester, and D. Fitzner

for their outstanding paper in
'Hydrology and Earth System Sciences' in 2013.
HESS, 17, 4701-4712, 2013

Signed April 2014

Erwin Zehe
Chief Executive Editor
of "Hydrology and Earth System Sciences"



Signed April 2014

Gerrit de Rooij
President
of the Hydrological Sciences Division of the EGU

Hydrol. Earth Syst. Sci., 17, 4701–4712, 2013
www.hydrol-earth-syst-sci.net/17/4701/2013/
doi:10.5194/hess-17-4701-2013
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E. Rabiei et al.: Rainfall estimation using moving cars as rain gauges – laboratory experiments

4705

Rainfall laboratory



Fig. 2. Optical sensors, left: Xanonex, and right: Hydreon (Hydreon, 2012; Xanonex, 2012).

E. Rabiei¹, U.

¹Institute of W
Hannover, Har

²Institute of C

Corresponden

that different car types have different dimensional characteristics which may influence the aerodynamics of the raindrops and, accordingly, the sensor readings. Besides, different cars have specific wiper systems which lead to dissimilar classes of wiper frequency. According to the functionality

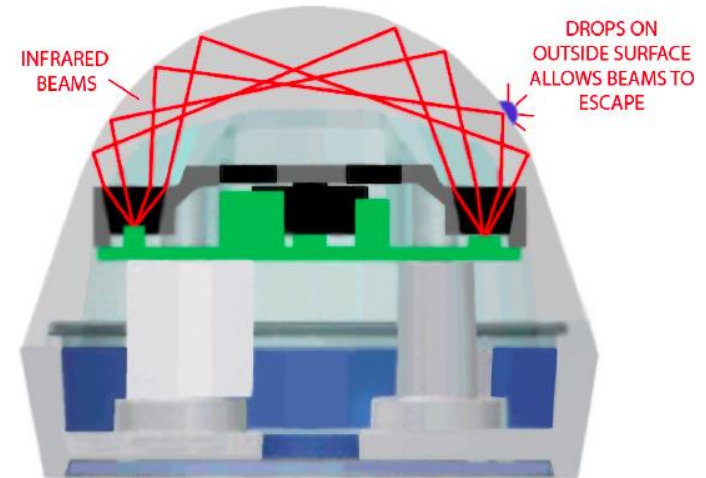


Fig. 3. The functionality of the Hydreon sensor (Hydreon, 2012).

Received: 18 February 2013 – Published in Hydrol. Earth Syst. Sci. Discuss.: 4 April 2013

Revised: 4 September 2013 – Accepted: 25 October 2013 – Published: 28 November 2013



7. Outstanding Young Scientist Award

The 2013 HS Outstanding Young Scientist Award goes to:

Dr. Fubao Sun

for his work on changes in the variability of global precipitation, showing that wet regions are getting drier and dry regions wetter, against the prevailing view.





8. Medal Lectures and Medal nominations

Medal Lectures relevant for HS:

- Dalton Medal Lecture: Tuesday, 19:00-20:00, room R1: Hoshin Gupta
- Darcy Medal Lecture: Thursday, 19:00-20:00, room R1: Upmanu Lall
- Alfred Wegener Medal Lecture: Wednesday, 12:15-13:15, room R1: Eric Wood





8. Medal Lectures and Medal nominations

To nominate candidates for Medals/Awards, please consult the website (www.egu.eu, menu item Awards & Medals).

For HS, the most relevant are the Dalton and Darcy Medals and the Outstanding Young Scientist Award

Deadline for nomination packages: **June 15** (every year)

Submit your package to the EGU Office (pdf to awards.medals@egu.eu)





9. Leonardo Conferences

Topical conference series run by HS

- Small: ~120 participants
- In the fall, every year
- Partially funded by EGU

Coordinated by the Leonardo Committee, composed in analogy to the Medal Committees (Chair: past President, members: previous organizers). Info: alberto.montanari@unibo.it



6th Leonardo Conference, 13-14 Nov 2014, Prague

HYPER Droughts

Hydrological **P**recipitation - **E**vaporation - **R**unoff Droughts

Deadlines and milestones

- **Call for Abstracts:** Nov 2013
- **Abstract Submission:** May 2014
- **Notification of Acceptance & Preliminary Programme:** Jun 2014

- **Conference:** 13-14 November, 2014

<http://www.eguleonardo2014.com>



9. Leonardo Conferences

7th Leonardo Conference (2015) associated with the
Alexander von Humboldt Conference

Addis Abeba (Ethiopia), October 2015





10. Young Hydrological Society

- An initiative developed by a few young colleagues who want to create a platform within HS for early-career scientists
- Tentative target career stages: MSc – PhD – Postdoc
- Kick-off meeting: Thursday, room Y7, 17:30-19:00
- Contact: Wouter Berghuijs, w.r.berghuijs@tudelft.nl





11. Opportunities in EGU/HS

The meetings program is established by ten Subdivisions:

- Precipitation & climate: C. Onof
- Catchment hydrology: L. Pfister
- Erosion, sedimentation & river processes: M. van der Perk
- Estuaries, wetlands & eco-hydrology: S. Schymanski
- Unsaturated zone: M. Vanclooster
- Groundwater: P. Bayer
- Remote sensing & data assimilation: A. Bartsch
- Water Policy & management: W. Buytaert
- Hydroinformatics: D. Solomatine
- Hydrological forecasting: E. Toth





11. Opportunities in EGU/HS

You can join these committees and propose/convene sessions

- More details on the HS website:

www.egu.eu

Inside EGU

Divisions & Officers

Website coordinator: Miriam Coenders





12. HS Officers

Ten Subdivision Chairs

OSP Coordinators: Theresa Blume, Bettina Schäfli (next year: Ilja van Meerveld)

Outreach Committee Representative: Peter van Oevelen

Webmaster: Miriam Coenders

Young Hydrological Society: Wouter Berghuijs

Thanks to you all for your help!





13. Communication at EGU





Communication Activities at the Assembly

EGU Today

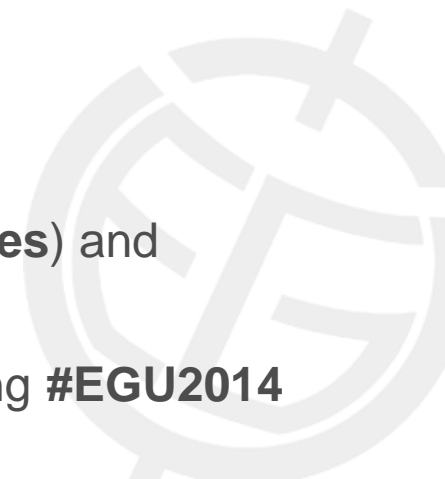
- EGU Today is a daily newsletter highlighting interesting workshops, lectures and GeoCinema screenings, amongst activities at the Assembly
- Paper copies will be distributed daily and are available to download at www.egu2014.eu/egu_today

Blogs

- GeoLog & the EGU Blog Network will be sharing great sessions, research, interviews and more throughout the Assembly
- Follow them at geolog.egu.eu and blogs.egu.eu

Social Media

- Sessions will be advertised on Twitter ([@EuroGeosciences](https://twitter.com/EuroGeosciences)) and Facebook (**European Geosciences Union**)
- Participants can ask questions & keep updated by following **#EGU2014**





Meetings, Medals & Young Scientists

Meetings Calendar

- A hub of information on conferences and workshops in the geosciences. Add your meeting at www.egu.eu/meetings/calendar/form

Co-Sponsoring Programme

- There are two opportunities to get your meeting sponsored: 15 Jun – Jul 2014 & Dec 2014 – 15 Jan 2015: www.egu.eu/meetings/support-request

Awards & Medals

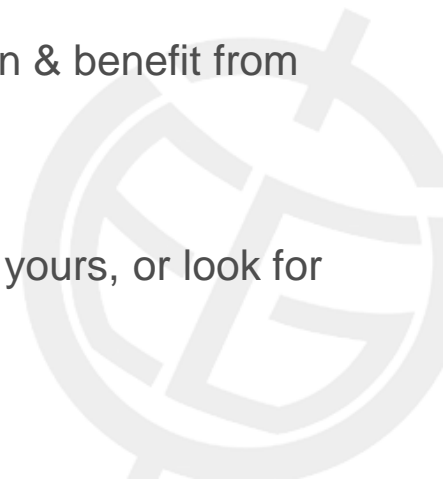
- Nominations are open until 15 June www.egu.eu/awards-medals

Young Scientists

- Young scientists (YS) can find out how to get involved in the Union & benefit from our YS resources at www.egu.eu/young-scientists

Jobs

- We advertise geoscientific jobs for free at www.egu.eu/jobs add yours, or look for a new position





14. Next Programme Group Chair

- Yours truly is the new Programme Committee Chair
- Organizing the EGU and the HS programme simultaneously creates a conflict of interest





15. Any other business





Thank you and enjoy the meeting

Next year: April 12-17, 2015

