

Travel information

By plane:

The international airport Frankfurt is located 25 km away from Darmstadt. At the airport, the express bus “AirLiner” (Terminals 1 and 2) offers a convenient and fast connection to Darmstadt Hauptbahnhof (main station), Luisenplatz and Darmstadtium in the city centre.

Link Airliner: <https://www.heagmobibus.de/de/airliner>

By train:

ICE, IC and EC trains stop at Darmstadt Station. Darmstadt Hauptbahnhof (main station) is a hub for tram and bus lines to the city centre.

The conference venue is close to the stops Alexanderstraße or Schloss.

Link to local buses: <https://www.dadina.de>

Accommodation

Darmstadt offers a wide range of accommodation options:

- <http://www.darmstadt-tourismus.de/en/visit/overnight.html>
- www.booking.com

Publication

Digital collection of abstracts will be available for the participants at the conference. Selected full papers based on oral presentations will be published after the conference in a peer reviewed journal (Advances in Geosciences).

International Scientific Committee

João de Lima, Portugal (ERB coordinator)

Hubert Holzmann, Austria

Niko Verhoest, Belgium

Miroslav Tesar, Czech Republic

Daniel Viville, France

Britta Schmalz, Germany (Conference convener)

Péter Kalicz, Hungary

Luca Brocca, Italy

Edvinas Stonevicius, Lithuania

Christophe Hissler, Luxemburg

Piet Warmerdam, The Netherlands

Johannes Deelstra, Norway

Janusz Siwek, Poland

Gianina Neculau, Romania

Sergey Zhuravin, Russia

Ladislav Holko, Slovakia

Mitja Brilly, Slovenia

Jérôme Latron, Spain

Manfred Spreafico, Switzerland

Liudmyla Gorbachova, Ukraine

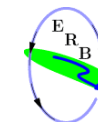
Call for abstracts

Participants who wish to contribute to the conference are invited to submit an abstract in English (max. 400 words), indicating their preference for oral or poster presentation before 31st March, 2018. The abstract template will be available on the conference website.

Awards

There will be a prize for the best poster presentation with an emphasis on contributions from young scientists. The ERB Medal award will be offered during the General Assembly to a distinguished person.

Euromediterranean Network of Experimental and Representative Basins



17th Biennial Conference ERB 2018

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

Conference on

Innovative monitoring techniques and modelling approaches for analysing hydrological processes in small basins

Darmstadt, Germany
September 11 – 14, 2018

Convened by

- ERB Steering Committee

In cooperation with

- International Centre for Water Resources and Global Change, UNESCO Cat 2 Centre, Koblenz, Germany
- Technische Universität Darmstadt, Germany

[ihwb](http://ihwb.org)



Conference Theme

Hydrological processes can be well studied in small research basins, where high-quality data are available. They serve as interdisciplinary observatories or outdoor laboratories covering the complexity of combined physical, chemical and biological processes. Furthermore, long-term measurements in small research basins help to analyse environmental changes. New measurement and sensing techniques support further hydrological understanding.

For the depiction and understanding of hydrological processes, modelling approaches can be used. On the one hand, hydrological models need sufficient data with high spatial and temporal resolution for model setup, calibration and validation. On the other hand, they offer the possibility to predict processes that are not easily measurable, and allow for the calculation of the impact of supposed scenarios that possibly affect the water cycle and mass transport in the future. Small research basins provide the high-quality data required for model development and testing, also for new and innovative model approaches.

Knowledge gained from monitoring and modelling studies in small hydrological basins can be used for decision-making with respect to managing water resources systems.

The sessions will cover the following topics of small basin research:

- New monitoring and sampling techniques for analysing hydrological processes and biogeochemical fluxes
- Assessment of water balance components
- Measuring erosion and associated transport processes
- New modelling approaches for analysing (eco-) hydrological and mass transport processes
- Characterising extreme natural events based on innovative approaches
- Open session in hydrological research

Tentative program

Tuesday, 11 Sept. 2018

14:00 – 17:00 ERB Steering Committee meeting

Wednesday, 12 Sept. 2018

08:00 – 09:00 Registration
09:00 – 09:30 Opening Ceremony
09:30 – 12:30 Morning Session
14:00 – 15:30 Poster session
15:30 – 18:00 Afternoon Session
19:00 Conference Dinner

Thursday, 13 Sept. 2018

08:30 – 11:30 Morning Session
13:00 – 15:30 Afternoon Session
16:00 – 17:00 ERB General Assembly, awards, closing ceremony

Friday, 14 Sept. 2018

09:00 – 18:00 Field Trip

Key dates

Nov	2017	First call and Conference homepage
Mar	2018	Submission of extended abstracts
Apr	2018	Notification of abstract acceptance
May	2018	Early registration
Jun	2018	Final registration
Sep	2018	ERB 2018 Conference
Oct	2018	Submission of full papers

Venue

The conference will be held in Darmstadt, Germany, which is the science and high-tech-centre of the metropolitan region RheinMain. Darmstadt is situated in the south of the Federal State of Hesse, close to Frankfurt/Main. The venue of the 17th Biennial Conference ERB 2018 is the Technische Universität Darmstadt, Wilhelm-Koehler lecture hall, Hochschulstraße 1, Darmstadt.

Organizers

- Section of Engineering Hydrology and Water Management (ihwb), TU Darmstadt, Franziska-Braun-Straße 7, Darmstadt, Germany; Tel: +49-6151-16-20860; Fax: +49-6151-16-20865
- International Centre for Water Resources and Global Change, UNESCO Cat 2 Centre, Federal Institute of Hydrology, P.O. Box 200253, 56002 Koblenz, Germany

Conference Fees

The conference fee will cover the expenses for the *conference attendance, e-book of abstracts (USB stick), conference dinner, refreshments and lunches* during the conference. The field trip to the German study basin ‘Gersprenz catchment’ has to be paid additionally; please register separately, places are limited to 50.

Price	Before 31 st May 2018	After 31 st May 2018
Participants	170 €	200 €
Students*	85 €	100 €
Accompanying persons	85 €	100€
Excursion fee	50 €	50 €
Excursion fee students*	40 €	40 €

* Students should send proof of status.

Contacts

Email: erb2018@ihwb.tu-darmstadt.de
Homepage: [http://www.ihwb.tu-darmstadt.de/
events_1/current_1/erb2018/erb2018.de.jsp](http://www.ihwb.tu-darmstadt.de/events_1/current_1/erb2018/erb2018.de.jsp)