

# Drought in the Anthropocene - Collaborative Research Workshop

## 8<sup>th</sup> – 11<sup>th</sup> Oct 2017

Drought is one of the major threats to people's livelihoods as it affects all socio-economic and environmental systems. Resultant impacts are a combination of the interdependencies between the drought hazard and local vulnerability to drought. Nowadays the major challenge is the **quantification of the feedbacks between drought and society**: the influence of people on drought, impacts of drought on people, response of people to drought impacts; at local as well as at global scale.

**The aim of the workshop is to initiate and facilitate comparative studies within the topic of drought risk management, covering the components of drought hazard, impacts, vulnerability and management.** Therefore we invite scientists from different disciplines, applying different methodologies, to bring together their different study areas **around the world** at different scales. Hence, the workshop will link regional and international research, with a special focus on early career scientists.

The workshop directly links up with the Panta Rhei "Drought in the Anthropocene" working group, which has already initiated a global collaboration **network of (early-career) scientists** within the framework of the International Association of Hydrological Sciences ([IAHS](#)) Panta Rhei network and the Wassernetzwerk Baden-Württemberg. The workshop in Freiburg thus aims to link the regional drought research in Baden-Württemberg with the international knowledge hub of the Panta Rhei group.

Limited number of participants  
Please register until 5/9/2017 (see backside)  
Please indicate if you need travel support (limited travel funding available)  
[panta.rhei.2017@hydrology.uni-freiburg.de](mailto:panta.rhei.2017@hydrology.uni-freiburg.de)

### Preliminary program:

Following the United Nations International Strategy for Disaster Reduction report (UNISDR 2009), the workshop will elaborate drought risk as a combination of hazard and vulnerability, and focuses on different themes in four workshop sessions:

1. **Influence of people on drought: hydrological modelling from local to global scale**
2. **Drought impacts on people: linking impact to hazard**
3. **Drought risk: reciprocal effect of nature and anthropogenic usage**
4. **Response of people to drought: drought policy and management**

All sessions are introduced by keynote speakers who will stay throughout the duration of the workshop. The overall aim of all sessions is to open the floor for thematic discussion, methodological comparisons and data exchanges. Thus, all participants are encouraged to bring data and test their own research.

### Invited key note speakers:

**Henny van Lanen, Hydrology, University of Wageningen**

**Teodoro Estrela Monreal, Ministry of Agriculture, Spain**

**Jürgen Vogt, European Joint Research Centre, Ispra**

**Niko Wanders, Geoscience, Utrecht University**



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## Program:

The final program will be decided on the basis of the background and interests of the registered participants and distributed in advance to the workshop. The workshop will be opened with a social gathering; a “drinks & snacks” poster session. This will give all interested participants the chance to introduce themselves and their current research question to the audience. Each session block will consist of a limited number of talks and splinter groups (SG) for discussion, followed by a plenary discussion to evaluate the current state of the art and to identify common interfaces for publication and research gaps for future work.

**Sunday 8<sup>th</sup> Oct:** 15:00 Informal meeting at local beer garden

18:30 Opening; 19:00 Drinks, snacks and posters

**Monday 9<sup>th</sup> Oct:** 8:30 – 16:00 Session blocks & SGs

16:00-18:00 Stakeholders view on drought research: “What we really need” (keynotes by regional stakeholders)

**Tuesday 10<sup>th</sup> Oct:** 8:30 – 17:30 Session blocks & SGs

18:00 Social event

**Wednesday 11<sup>th</sup> Oct:** SGs & Plenum

13:00 Joint meeting with FRIEND

Subsequent to the Panta Rhei workshop, the [FRIEND Meeting 2017](#) will take place from 10 –13 October in Freiburg, Germany. We highly recommend to join this group meeting afterwards.

## Venue:

The workshop will take place at the University of Freiburg, which is located in the old town district of the city. The (small) city is not made for commuting by car. We recommend public transport or rental bikes while staying here. There are [several options](#) to reach Freiburg.

## Accommodation

We have held 30 rooms (single/double) until 14/8/17 in [The Alex Hotel](#) and [Hotel Minerva](#) (5% discount with booking code “PANTARHEI 17”).

•Cheaper options available [online](#).

### Please register until 5/9/2017

For registration please give a very short summary on:

- Your background and current work
- Your ideas for future work
- Your interests at the workshop
- If you require travel support (we only have limited amount of funding, please indicate your needs)
- Data you could share and bring to the workshop regarding: drought hazard indicators, drought impact information, factors characterizing vulnerability to drought, drought management frameworks or policies

Please send your registration to [panta.rhei.2017@hydrology.uni-freiburg.de](mailto:panta.rhei.2017@hydrology.uni-freiburg.de)

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### Organisation- Committee

University of Freiburg, Hydrology: Dr. Veit Blauhut (contact person)\*, University of Birmingham, Geography, Dr. Anne Van Loon & Dr. Sally Rangelcroft, University of Freiburg, Environmental Hydrological Systems, Prof. Dr. Kerstin Stahl, University of Heidelberg, Hydrology and Climatology, Prof. Dr. Lucas Menzel, Konstanz University of Applied Sciences, Geoscientific Resource Management, Prof. Dr. Benno Rothstein, University of Freiburg, Chair of Forest and Environmental Policy, Dr. Sylvia Kruse

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