

The Second International Symposium on Flash Floods in Wadi Systems

Disaster Risk Reduction and Water Harvesting in the Arab Region



25 – 27 October 2016

Technische Universität Berlin, Campus El Gouna, Egypt



Supported by:

Global Alliance of Disaster Research

Institutes (GADRI), DPRI, Kyoto University



Why you should attend



In recent years, flash floods in Wadi systems have caused severe damages, especially in the Arab regions. Human life, infrastructure such as roads and buildings as well as the environment are endangered and have been heavily destroyed. Flash floods are caused by extreme weather

conditions, their occurrence is highly random and the associated problems are expected to increase in the near future due to climate change. On the one hand, there is an urgent need for flash flood protection and risk reduction, on the other hand, this rainwater can also be considered as a new resource for water harvesting.

Finding solutions to these challenging problems requires close collaboration between scientists – established as well as young ones, - practitioners, and stakeholders from federal and public organizations. So we encourage you to contribute to the development of future solutions and to widen your own expertise and profile by attending the international symposium.



This event is the second in a new series of annual *International Symposia on Flash Floods in Wadi Systems*. Furthermore this symposium is supported by the *Water Resources Research Center (WRRC)* and the *Global Alliance of Disaster Research Institutes (GARDI)* of the *Disaster Prevention Research Institute (DPRI)*, Kyoto University, Japan. The *First International Symposium on Flash Floods in Wadi Systems* held in October 2015 in Kyoto, Japan, was attended by about one hundred scientists, practitioners and stake holders from 11 countries (Japan, Arab Region, Europe; see <http://ecohyd.dpri.kyoto-u.ac.jp/en/index/1.html>). The *Second International Symposium on Flash Floods in Wadi Systems* will consist of oral and poster presentations.

Symposium Themes: Flash Floods in Wadi Systems

- Forecasting: modelling, monitoring, warning systems, management
- Mitigation measures and innovative technologies: risk assessment, dams, drainage channels
- Water harvesting: groundwater recharge, reservoirs, sedimentation, ecosystem
- Social aspects: public participation, land use and urban planning
- Case studies: Arabic region, international; excursion to local Wadi
- UNESCO session: urgent capacity development for managing natural disaster risks of flash floods in Egypt, Jordan, Sudan and Yemen

Important dates

Abstract submission: August 7, 2016

Details of abstract form and submission see the homepage for registration

Acceptance of abstract: August 21, 2016



Organizing Committee

Prof. Uwe Tröger, flashfloods@wahyd.tu-berlin.de

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International Scientific Committee

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- Prof. Reinhard Hinkelmann, TU Berlin, Germany
- Prof. Eckehardt Holzbecher, German University of Technology, Oman
- Prof. Sameh Kantoush, WRRRC, DPRI, Kyoto University, Japan
- Prof. G. Mathias Kondolf, University of California Berkeley, USA
- Prof. Heiko Sieker, IPS Hoppegarten & TU Berlin, Germany
- Prof. Tetsuya Sumi, WRRRC, DPRI, Kyoto University, Japan
- Prof. Hirokazu Tatano, Secretary-General GADRI, Kyoto University, Japan
- Prof. Uwe Tröger, TU Berlin Campus El Gouna, Germany
- Prof. Ahmad Wagdy, Cairo University, Egypt
- Dr. Abdelaziz Zaki, Science National Professional Officer, UNESCO- Cairo

Location

El Gouna is the paradise out of desert, a touristic lagoon city at the Red Sea, Egypt, conveniently located 25 kilometers north of Hurghada with an international airport. For accommodation we refer to the registration. TU Berlin Campus is located on the border of El Gouna in walking distance to the town and accommodation. Further information is found at: www.elgouna.com



Roadmap for future Wadi flash floods' activities



Registration

Regular participants: 100 € or 1000 LE (including lunch, coffee breaks, digital symposium material)

Students **off** campus: 100 LE (including coffee breaks, digital symposium material)

A planned excursion is not included and must be paid extra.

Registration details are found at:

<http://www.campus-elgouna.tu-berlin.de/flashfloods>