

The Third International Symposium on Flash Floods in Wadi Systems

Disaster Risk Reduction and Water Harvesting in the Arab Region



6 – 8 December 2017

German University of Technology in Oman, Muscat, Sultanate of Oman

1. Draft Circular



website: <http://isff2017.gutech.edu.om>

e-mail: isff2017@gutech.edu.om

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, furthermore, 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 third 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 Symposium was held at Technische Universität Berlin, Campus El Gouna, Egypt. *The Third 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
- Risk assessment and management
- Hazard mitigation measures and innovative technologies: design of dams and drainage systems
- Monitoring, meteorology and climate changes
- Water harvesting: groundwater recharge, reservoirs, sedimentation
- Ecosystem and environment
- Social aspects: public participation, land use and urban planning
- Case studies: Arabic region, international; excursion to local wadis

Important deadlines

Abstract submission: July 24, 2017

Acceptance of abstract: August 7, 2017

Organizing Committee

Dr. Saif Al Hinai, Saif.AlHinai@duqm.gov.om

Prof. Ekkehard Holzbecher, Ekkehard.Holzbecher@gutech.edu.om

Dr. Ahmed Hadidi, Ahmed.Hadidi@gutech.edu.om

Dr. Rashid Al Abri, rashid70y@yahoo.com

Eng. Ahmed Al Barwani, ahmed.albarwani@gmail.com

Eng. Hamed Al Hatmi, hamed.al-hatmi@areteliagroup.com

Prof. Uwe Tröger, uwe.troeger@tu-berlin.de

Prof. Sameh Kantoush, kantoush.samehahmed.2n@kyoto-u.ac.jp

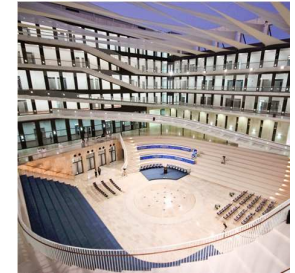
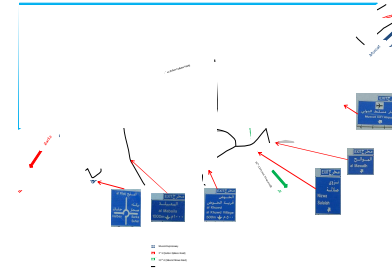
Dr. Mohamed Saber, mohamedmd.saber.3u@kyoto-u.ac.jp

International Scientific Committee

- Prof. Ekkehard Holzbecher, German University of Technology, Oman
- Prof. Sameh Kantoush, WRRRC, DPRI, Kyoto University, Japan
- Prof. Uwe Tröger, TU Berlin Campus El Gouna, Germany
- Prof. Reinhard Hinkelmann, TU Berlin, Germany
- Prof. Tetsuya Sumi, WRRRC, DPRI, Kyoto University, Japan
- Dr. Saif Al Hinai, Water Management Systems, Oman
- Dr. Mohamed Saber, WRRRC, DPRI, Kyoto University, Japan
- Prof. Emad Habib, University of Louisiana at Lafayette, USA
- Mr. Yoichi Iwami, Chief Researcher, ICHARM, Japan
- Prof. Hirokazu Tatano, Secretary-General GADRI, Kyoto University, Japan
- Dr. Abdelaziz Zaki, Science National Professional Officer, UNESCO- Cairo.

Location: Muscat, Sultanate of Oman

Muscat is the capital city with usually cold climate during December; approximately 27°C in the day and 15°C at night. Omani Rials, Credit Cards and USD are acceptable in Muscat. The exchange rate is approximately 1 Omani Rial to 2,61 USD or 2.32 Euro as of September 2016. For more information on Oman, visit the website <http://www.oman.org>, on GUTech <http://www.gutech.edu.om>.



Roadmap for future Wadi flash floods' activities



Registration

Regular participants: 75 OMR (including lunch, coffee breaks, digital symposium material)

Students off campus: 25 OMR (including coffee breaks, digital symposium material)

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