

The Fourth International Symposium on Flash Floods in Wadi Systems **Why you should attend**

Urban Flood Risk Management: Mitigation and Adaptation Measures in the MENA Region



4th – 6th December, 2018

Hassan II University of Casablanca, Morocco

www.isff2018.com

ROYAUME DU MAROC
MINISTRE DE L'EQUIPEMENT, DU TRANSPORT,
DE LA LOGISTIQUE ET DE L'EAU



المملكة المغربية
وزارة التجهيز والنقل
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وزارة إعداد التراب الوطني والتنمية والإسكان وسياسة المدينة
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de l'Habitat et de la Politique de la Ville



ROYAUME DU MAROC
Académie Hassan II des Sciences et Techniques



Riyadh, 2016 (alarabiya.net)

In the last two decades, many Arab cities such as Riyadh (2016), Casablanca (2016), Doha (2015) and Guelmim (2014) have experienced flash floods despite their highly arid and semi-arid climate. These events have caused live losses and important damages. Such casualties are usually due to the combination of many factors such as extreme

precipitations, weak or insufficient urban stormwater infrastructure and drainage system, urban stream bursting their banks, uncontrolled urban sprawl, groundwater table high rise or tides generated backwater effects on drainage systems outlets in coastal cities. These phenomena are still not well studied. Besides, mitigation and adaptation measures are very rare in such countries and regions because of the prevailing arid or semi-arid climate and growing urbanization.



Doha, 2015 (aljazeera.com)

Tackling these problems requires a good analysis of climate change and meteorological data, particularly precipitation, and good knowledge of the city vulnerability to floods in such territories. Finding solutions to these challenging problems requires close collaboration between scientists, practitioners, and stakeholders from local, regional, national and international organizations whether they are public or private. So we encourage you to contribute to the development of future solutions for urban floods in the MENA countries.



Guelmim, 2014 (huffpostmaghreb.com)

This event is the fourth 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 stakeholders from 11 countries (Japan, Arab Region, Europe; see <http://ecohyd.dpri.kyotou.ac.jp/en/index/1.html>). The second Symposium was held at Technische Universität Berlin, Campus El Gouna, Egypt (http://www.campus-elgouna.tu-berlin.de/home/international_symposium_on_flash_floods/). The third International Symposium on Flash Floods in Wadi Systems was held in Oman (<http://isff2017.gutech.edu.om/>) and the fourth edition of this international symposium will be held in Casablanca, Morocco (<http://isff2018.fstm.ac.ma/>).



Hosted by
Spain Water and IWHR, China



Symposium themes

- River/Wadi basin management and flood protection
- Storm water infrastructures and urban drainage systems
- Urban planning, green infrastructure and flood mitigation
- Climate change impacts, weather forecasting and flood warning systems
- Rainfall-runoff data monitoring and analysis
- Hydrology and hydraulic modeling of urban floods
- Groundwater flooding and impacts on urbanized plains
- Sediment management, water harvesting and flood control
- Flood vulnerability and risk assessment
- Flood damage assessment: environmental, social and economical tools
- Flood adaptation: structural and non-structural measures

Important deadlines

Abstract submission: June 30th, 2018
Acceptance of abstract: July 15th, 2018

Organizing committee

Prof. Dalila Loudyi, UH2C-FSTM, dalila.loudyi@univh2c.ma
Prof. Sameh Kantoush, Kyoto-U, kantoush.samehahmed.2n@kyoto-u.ac.jp
Dr. Ahmed Hadidi, GUTech, Ahmed.Hadidi@gutech.edu.om
Prof. Mohamed Chagdali, UH2C-FSB, chagdalmohamed@gmail.com
Prof. Meryem Tanarhte, UH2C-FSTM, meryem_t@yahoo.com
Prof. Abdeslam Taleb, UH2C-FSTM, talebabdeslam1@gmail.com
Dr. Mohamed Saber, Kyoto-U, mohamedmd.saber.3u@kyoto-u.ac.jp
Dr. Mohammed Abdel-Fattah, Kyoto-U, soliman.mohammed.7x@kyoto-u.ac.jp

International scientific committee

Prof. Ekkehard Holzbecher, German University of Technology, Oman
Prof. Sameh Kantoush, WRRC, DPRI, Kyoto University, Japan
Prof. Uwe Tröger, TU Berlin Campus El Gouna, Germany
Prof. Reinhard Hinkelmann, TU Berlin, Germany
Dr. Riadh Ata, EDF, France
Prof. Tetsuya Sumi, WRRC, DPRI, Kyoto University, Japan
Prof. Hirokazu Tatano, Secretary-General GADRI, Kyoto University, Japan
Prof. Emad Habib, University of Louisiana at Lafayette, USA
Prof. Mathias Kondolf, University of California Berkeley, USA
Prof. Anton Schleiss, EPFL, Lausanne, Switzerland
Prof. Ali Al-Maktoumi, Sultan Qaboos University, Oman
Prof. Mohamed Elhag, King Abdulaziz University, Saudi Arabia
Prof. Latifa Mouhir, Hassan II University of Casablanca, Morocco
Prof. Mohamed Sinan, Hassania School of Public Works, Casablanca, Morocco
Dr. Kamal El Kadi Abderrezzak, EDF, France
Dr. Mohammed Amin Hafnaoui, CRSTRA, Algeria
Dr. Taleb Odeh, The Hashemite University, Jordan
Prof. Mohamed El-Manadely, King Abdulaziz University, Saudi Arabia
Dr. Marian Muste, IIHR, University of Iowa, USA
Prof. Aminuddin Ab Ghani, REDAC, Universiti Sains, Malaysia
Dr. Alastair G. Barnett, Hydra Software, New Zealand

Location: Casablanca, Morocco

- Casablanca is the economic capital city of Morocco with usually warm to cold weather during November; approximately 27°C in the day and 15°C at night.
- Moroccan Dirhams and credit cards are acceptable in Casablanca. The exchange rate is approximately 1 MDH to 0.1 USD or 0.09 Euro as of November 2017.
- For more information on Morocco, visit the website <http://www.maroc.ma/en>, or <http://www.visitmorocco.com/en>
- For more information on Casablanca city visit <http://www.casablancacity.ma/>

Registration

- Regular participants: 1500 MDH ~ 150 USD (including lunch, coffee breaks, digital symposium material)
- IAHR members: 1200 MDH ~ 120 USD
- Students off campus: 500 MDH ~ 50 USD (including coffee breaks, digital symposium material)
- A planned excursion is included.

Contact

4th ISFF

Prof. Dalila Loudyi

Hassan II University of Casablanca, Faculty of Sciences and Techniques

BP 146 Mohammedia, 20650 Morocco

Tel: +212 661474839 / +212 523314708

Email: 4th.isff2018@gmail.com

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Roadmap for future Wadi flash floods' activities

