

Special session outline

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| Date&Time: 20 th Feb. 15:00-16:30 | Venue: Convention Hall 200 |
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| Title | JSPS Flash floods Project |
| Organizer | Sameh Kantoush, Water Reproduces Research Center, Disaster Prevention Research Institute Kyoto University |
| Outline/Objectives | <p>Description of the Special Session</p> <p>Under the umbrella of the JSPS Core to Core Project, we are going to organize a special session for discussing the new advances and progress in research activities about flash floods and sediment disasters in both African and Asian basins to compare the impacts of climate change at these different climatic regions. There are many shared challenges in African and Asian Countries. Therefore, we would highlight the current challenges and recent research achievements as well as the future perspective in terms of flooding and sedimentation impacts. The main aim of this Core-to-Core project is to connect the developed separated efforts in the MENA region and Asia for flooding research studies, sharing achievements, and extending collaboration through establishing a network within institutions in the participating countries (JSPS WaFFNet). Additionally, it is to foster young researchers and graduate students to create a research network as well as direct mutual collaboration at the institutional levels, which will be an excellent achievement to share challenges and current progress to come up with reasonable and practical solutions for the flash flooding challenges and sedimentation impacts under the climate change variability.</p> |
| Output (Tentative) | The collaborative members, including many professors and researchers from Asian, African, and Japanese Institutes, will join the special session. Several topics will be presented from different countries covering modeling, case studies, experiences, new approaches to flood risk assessment, and climate changes. |
| Number of Participants (Tentative) | 20 |
| Contact | Prof. Sameh Kantoush kantoush.samehahmed.2n@kyoto-u.ac.jp |
| Other information | Detailed Program is attached. |



Establishing Network focusing on Flash Flood Disaster: Comparison between MENA and Asia (JSPS WaFFNet Project)

Program for special sessions in ICFM9 Conference

Special Session at the 9th International Conference on Flood Management (ICFM9)

Venue: Epochal Tsukuba International Congress Center, Tsukuba, Japan

20th of February 2023, Tsukuba, Japan

Funded by: JSPS/ Core-to-Core Program/ B. Asia-Africa Science Platforms

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Disaster Prevention Research Institute

Kyoto University

Description of the Special Session

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Program of the JSPS WaFFNet Project Special Session at ICFM9 on 20th of February 2023, Tsukuba, Japan: 3pm-4:30pm (90 min)

| | Time | Title | Speakers |
|---|------|---|--|
| | | <i>Chairman: Opening and welcome remarks</i> | <i>Prof. Tetsuya Sumi, DPRI, Kyoto Univ.</i> |
| 1 | 10 | <i>JSPS WaFFNet Project objectives, concept, and activities</i> | <i>Prof. Sameh Kantoush, DPRI, Kyoto Univ.</i> |
| 2 | 10 | <i>Hydrological and morphological Changes of the coast due to extreme typhoons in Japan</i> | <i>Prof. Tanaka Hitoshi, Tohoku University</i> |
| 2 | 10 | <i>Flash floods and sedimentation modeling, challenges over Algeria</i> | <i>Prof. Cherifa Abdelbaki, PAUWES, Algeria</i> |
| 3 | 10 | <i>Impact of Sedimentation of Recharge dams on Water Resources Management: overview from Oman</i> | <i>Prof. Ali Al-Maktoumi, SQU, Oman</i> |
| 4 | 10 | <i>Flash floods and urban planning in Morocco</i> | <i>Prof. Dalila Loudyi, Hassan II University of Casablanca ,Morocco:</i> |
| 5 | 10 | <i>Integrated flood and sediment management in river basins for sustainable development: The case of Cagayan River Basin, the Philippines</i> | <i>Prof. Orlando Balderama, Isabela State University, Philippines</i> |