

5th International Young Researchers Workshop on River Basin Environment and Management



28-29 October 2017

Universiti Malaysia Pahang, Malaysia

CALL FOR ABSTRACTS AND PAPERS

INVITATION

With the current concerns on water scarcity, water quality deterioration and the need for control of potential catastrophic events such as floods and droughts and a wide range of interrelated complications like landslide, erosion, epidemics and many other problems in river basins, the importance of appropriate management of River Basin, Water Resources and Environment is extendedly indisputable. Nevertheless, there are significant breakthroughs that have been made in the monitoring, treatment and analysis, and prediction of the riverine systems behaviors, resulting in better understanding of the mechanism and the possibility of optimizing the water resources together with being able to control or mitigate the impacts of environmental problems.

Under this context, the 5th IYRW on River Basin Environment and Management focus on **(1) knowledge and information sharing** on recent advances in the general researches and management of river basin systems; **(2) technical exchanges** and **capacity building** for young researchers and professionals; **(3) networking** for future collaborations for researches and event organizing.

We warmly welcomes all young researchers, professionals, water-related managers and policy makers to participate and submit abstract or paper on outlined topics and others falling within the scope of the workshop.

The workshop is organized by Science Union for River Basin Researches and Friends (SURF); Universiti Malaysia Pahang (Malaysia), University of Yamaguchi (Japan), University of Newcastle (Australia), Asian Institute of Technology (Thailand), Naresuan University (Thailand), Hanoi University of Science – VNU (Vietnam), University of Science - VNUHCM (Vietnam), University of Brawijaya (Indonesia), and Center of Research for Environment, Energy and Water (CREEW, Nepal).

WORKSHOP TOPICS

A. Hydrological Management

- Hydrological Modeling
- Hydropower Impacts And Solutions
- Flood Risk Management
- Erosion And Sediment Transport

B. Water Resource and Management

- Groundwater Analysis
- Eutrophication And Agricultural/Urban Pollution
- Water Environment Restoration And Rehabilitation
- Water Governance And Water Justice
- Irrigated Area And Non-Irrigated Area
- Energy efficient water management

C. Water Quality and Health related aspect

- Water Quality Modeling
- Microbiological Analysis Of Water Environment
- Water And Public Health

D. Environmental Technology

- Biological And Physic-Chemical Water Treatment
- Advance materials – nanotechnology and membrane

D. Current Environmental Issues

- Climate Change And Adaptive Water Management
- Droughts And Desertification
- Risk Disaster Management
- Industry And The Environment

GUIDELINES FOR SUBMISSION

Important Dates

Deadline for Abstract/ Paper Submission:
Deadline for Author Notification:

Friday, August 18th, 2017
Monday, Sept 4th, 2017

Abstracts and papers are to be submitted to Dr. Risky Ayu Kristanti, Chief Secretary at kristanti@ump.edu.my.

The length of the abstract should not exceed 500 words, and 6 to 8 pages for paper; with **objective of the study, results obtained** and **conclusion reached** fully provided. Paper template can be download from this link: [Paper Template.doc](#)

Selected paper presented at the 5th IYRW 2017 will be considered for further publication in International Journal of Engineering Technology and Science (IJETS).

The author's name, place of study/ work, and current residential address must be clearly stated together with **workshop topic, financial support** (required or non-required), and **excursion** (registered or non-registered).

Financial support

Organizer will cover lunches for all 2 days of the workshop as well as coffee/tea/beverage served during workshop hours only for 35 participants. Round trip air-tickets and/ or accommodation will be provided to **selected young participants at age of 30 and below**, who are currently conducting researches at universities/ institutes. Paper-style manuscript should be submitted for the selection of financial support.

Best presentation would be announced and awarded on October 29th, 2017. Authors should submit **a full paper** to be eligible for this award.

Excursion: A one-day field trip to Sungai Lembing will be organized on October 29th, 2017 (to be determined).

FURTHER INFORMATION

If you have any additional questions or need further information concerning abstract and paper submission, please contact:

Dr. Risky Ayu Kristanti

Chief Secretary

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Email: kristanti@ump.edu.my

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