



HATHI
THE 7TH
INTERNATIONAL
SEMINAR
Surabaya, Indonesia
30 October 2021

INTERNATIONAL SEMINAR on

Tribute to 60 Years of River Basin Management in Indonesia: Infrastructures Management for Sustainable Water Security

Surabaya
30 October 2021



INDONESIAN ASSOCIATION
OF HYDRAULIC ENGINEERS

in cooperation with:



DIRECTORATE GENERAL OF
WATER RESOURCES
MINISTRY OF PUBLIC WORKS
AND HOUSING
REPUBLIC OF INDONESIA



INSTITUT TEKNOLOGI
SEPULUH NOPEMBER



MESSAGE FROM THE CHAIRPERSON OF HATHI
Indonesian Association of Hydraulic Engineers

It is my great pleasure to invite you to participate in the 6th International Seminar in October 30th, 2021 at Surabaya, East Java, Indonesia. The main theme of the seminar is: “Tribute To 60 Years of River Basin Management in Indonesia: Infrastructures Management for Sustainable Water Security”.

Sustainable development under global challenges such as rapid population and economic growth, and climate change with limiting natural resources for the future we want calls for integrated and sustainable water resources management. This requires inter-linkages between various sector and clear understanding of such water-food-energy nexus. Beside greater interaction between sectors, a rapid changes in rural and urban water demands, escalating water related disaster, prominent climate change impacts require improvement in technology, IT, and even automation in the field of water resources management. Solution is needed based on new management options and widely available technologies. The seminar will provide an opportunity to exchange thought, knowledge, experiences among scientists, practioners and professionals regional and world wide in the field of water resources.

It will be once again an excellent opportunity to explore and exchange and share the experience and technologies and ideas to promote the sustainable water resources development and management.

I here by extend cordial invitation to all prospective participants to attend the 7th HATHI International Seminar in Surabaya, Indonesia.

Ir. Jarot Widyoko, SP.1

BACKGROUND

Provision of adequate infrastructure is needed to support economic growth and national development. The poor condition and the minimum availability of infrastructure are often one of the main obstacles to ensuring the quality of services that must be provided and improving the welfare of the community. In mid-2020, the World Bank appreciates the performance of the Government of Indonesia, which has made a very massive development record in the last 20 years. This success is inseparable from the maintained performance of macroeconomic stability and prudent fiscal management. However, the current gap in infrastructure and human resources is still a stumbling block for the Indonesian Government to be able to compete at the international level. The conditions of the COVID-19 pandemic that have been experienced since the beginning of 2020 have put many countries, including Indonesia, experiencing difficulties in being able to maximize the provision of infrastructure. In line with the rapid rate of urbanization, massive land use change, and climate change which is becoming the concern of many parties, proper and integrated infrastructure management is the key to national resilience. In order to achieve sustainable water resources management, various infrastructures are needed to support the fulfillment of aspects of conservation, water utilization, control of the destructive force of water, community empowerment, and utilization of information systems. Dam construction is one of the priority efforts undertaken by the Government of Indonesia to increase the national raw water supply capacity. This effort was followed by a series of supporting

programs covering the development of irrigation areas, drinking water supply systems, construction of power plants, and so on. Meanwhile, the provision of infrastructure such as polder systems, detention ponds, flood embankments, or even sea walls along with flood early warning systems are structural measures undertaken to reduce the risk of flood disasters that may occur, especially in urban areas. However, to ensure the performance of the built infrastructure, institutional coordination and community participation cannot be ignored. On the other hand, as is well known, the Indonesian Government cannot independently finance the provision of the necessary infrastructure. Cooperation with the private sector is an option to accelerate the provision and management of appropriate infrastructure.

The Indonesian Association of Hydraulic Engineers (HATHI) as one of the professional organizations in Indonesia is also responsible for contributing thoughts and input to the government in improving community welfare as well as better resource management performance in the future. Through this 38th Annual Scientific Meeting (PIT), HATHI intends to provide a forum for scholars, practitioners, community social institutions, and environmental observers to share experiences, knowledge, and technology that can contribute to realizing integrated water resource management that utilizes appropriate technology and supported by a reliable information system by taking into account the local wisdom / culture of the Indonesian people.

THEME OF SEMINAR

Theme:

“Tribute To 60 Years of River Basin Management in Indonesia: Infrastructures Management for Sustainable Water Security”

Sub themes

1. Intelligent River Basin Management:

Flood and drought management, environmental protection, global warming and impact of climates change, sediment management, scouring and counter-measures, river-lake-reservoir restoration, intelligent hydro informatics, and dam management.

2. Urban and Rural Water Management:

Water supply and sanitation, sustainable urban drainage, smart water technologies, wastewater and solid waste management, and smart city.

3. Sustainable Irrigation and Coastal Management:

irrigation rehabilitation and modernization, optimal cropping pattern and yield maximization, saline water intrusion, lowland and wetland management, and water-food-energy nexus.

2. Water Governance and Capacity Building:

Water laws and policy, community participation, public-private partnership, institution and community development, and conflict resolution.

OBJECTIVES

1. To provide opportunity for scientists, practitioners, and professional gain better understanding in advancement of water resources management.
2. To provide forum for experts to exchange knowledge, thought, and experience in managing water resources to cope with global challenges,
3. To provide similar platform for participants to established a network in the field of water resources development and management.

ORGANIZER

The seminar is organized by Indonesian Hydraulic Engineer Association (HATHI -Himpunan Ahli Teknik Hidraulik Indonesia) in cooperation with:

- Directorate General of Water Resources, Ministry of Public Works and Housing
- Provincial Government of East Java,

PARTICIPANTS

The seminar is expected to gather 400 participants from local, regional and international water and related communities. The participants consist of faculties, researcher, practitioner and professionals including water managers and decision makers from Indonesia and other countries.

HOST REPRESENTATIVES:

1. (Chairperson of HATHI, Indonesia)
 3. (Chairperson of HATHI of East Java Branch)
 4. (General Secretary of HATHI, Indonesia)
 5. (General Treasury of HATHI, Indonesia)
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ORGANIZING COMMITTEE

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Dr. Ir. Muhammad Rizal, M.Sc.
(Ministry of Public Works and Housing
Republic Indonesia)

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Prof. Mukand Babel (AIT, Thailand)

Prof. Daizo Tsutsumi (Mie University, Japan)

Prof. D.S. Arya (IIT Roorkee, India)

FORMAT OF PAPER WRITING AND PRESENTATION:

A. FORMAT OF EXTENDED ABSTRACT

The writing template for abstract can be download from <https://s.id/SI7-Abstract>

B. FORMAT OF FULL PAPER

The writing template for full paper can be download from www.hathi-pusat.org and bit.ly/Intsem-FP

Paper Submission : www.easychair.org/cfp/7thSIHATHI

C. FORMAT OF PRESENTATION :

The presentation is expected to be packed in a power point display, (LCD and Note Book provided by the organizing Committee).

The duration of the presentation is 10 (teen) minutes.

Important Dates

2 July 2021	: Deadline of Extended Abstract submission
9 July 2021	: Announcement of Abstract acceptance
27 August 2021	: Deadline of Full Paper submission
24 September 2021	: Announcement of Full Paper acceptance
8 October 2021	: Deadline for revised Full Paper submission
15 October 2021	: Deadline for presentation materia submission and payment or registration fee
30 October 2021	: 7 th International Seminar of HATHI

The Seminar will consist of a number of parallel sessions. Further information about the seminar, the final program, and paper submission will be available from www.easychair.org/cfp/7thSIHATHI



REGISTRATION FEE

Category	Rate
International participant	USD 25
Indonesian participant	IDR 350,000
Indonesian student	IDR 200,000

PAYMENT

BNI (Bank Negara Indonesia)
Account holder: Himpunan Ahli Teknik Hidraulik Indonesia
Account Number : **6123456777** for IDR
6123456799 for USD
Branch: BNI Melawai Raya - Swift code: **BNINIDJA**
Please send us your proof of transfer by email

Contact Person

Doddi : +62 878 0217 1907 (for international participant)
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SECRETARIAT :

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More Information

Please visit our website:
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Email: hathi.pusat@gmail.com



International Seminar on "Tribute To 60 Years of River Basin Management in Indonesia: Infrastructures Management for Sustainable Water Security"

Surabaya, Indonesia, October 30th, 2021

REGISTRATION FORM

- Yes! Please add me to your mailing list.
- I intend to participate in the Seminar
- I intend to participate in the Seminar and submit a paper
- I am interested in sponsoring or exhibiting

To make sure you all future announcements and program information, fax or mail this form today!
Information will be kept fully confidential and will be used solely for this seminar.

Title Mr. Mrs. Dr. Prof. Other: _____

Name : _____

Position : _____

Institution : _____

Address : _____

Telephone : _____ Fax: _____

E-mail : _____

Nationality : _____

Please kindly complete this registration form and send it back to the Committee,
not later than