

HATHI
THE 4TH INTERNATIONAL
SEMINAR 2013
JOGJA, SEPTEMBER 6TH - 8TH, 2013



INTERNATIONAL SEMINAR
ON

“Water Related Disaster Solutions”

YOGYAKARTA, INDONESIA
SEPTEMBER 6TH - 8TH, 2013



Indonesian Association
of Hydraulic Engineers

in cooperation with:



DIRECTORATE GENERAL OF
WATER RESOURCES
MINISTRY OF PUBLIC WORKS,
REPUBLIC OF INDONESIA



SPECIAL MISSION
OF YOGYAKARTA



UNIVERSITAS
GADJAH MADA



IAHR
AIRH



MINISTRY OF LAND,
INFRASTRUCTURE, TRANSPORT
AND TOURISM - JAPAN



JICA



Indonesian Association of Hydraulic Engineers Himpunan Ahli Teknik Hidraulik Indonesia (HATHI)

Invitation to the Seminar from Chairman

It is a pleasure for me to extend a very warm and cordially invitation on the upcoming HATHI International Seminar which will be held in Yogyakarta, Indonesia on September 6th - 8th, 2013. This event is the fourth in the series of international seminar initiated by HATHI which the Seminar's theme is "Water Related Disaster Solutions".

As an isles country with around 17.000 islands and 131 river basin authorities Indonesia is facing problems related to the impacts of the climate change and global warming. The major impacts and threats of climate change in water resources is primarily on the change in its hydrologic cycle pitch, which in turn will need new approaches not only on the engineering and management strategy but also the socio-cultural-economic system.

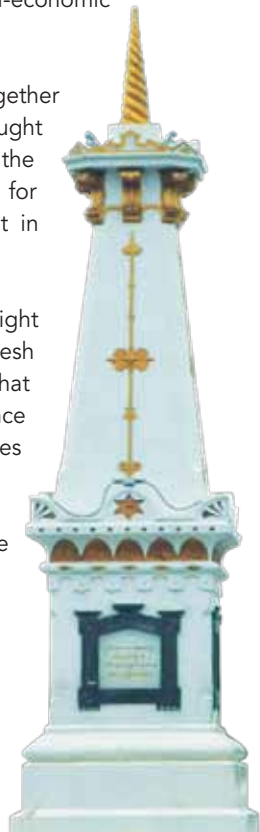
With this international event, it is expected that Indonesian experts together with international experts will have a better understanding and a new thought in adapting the strategy to reduce the impacts of disaster caused by the climate changes. I believe that the Seminar will become a good forum for sharing experience in water resources development and management in relation to the impacts of water related disasters.

Through programs presented in various topics, this Seminar will highlight important issues to facilitate a forum for open discussion, devise fresh perspective and new ways of looking at the future and set specific goals that can be achieved. Discussion and presentation of opportunities, experience and update with new applications in the field of water resources management in relation with water related disasters.

We look forward to seeing you in Yogyakarta and trust you will enjoy the Seminar.

A handwritten signature in blue ink, appearing to read "Amron".

Dr. Ir. Moch. Amron, M.Sc





MINISTRY OF PUBLIC WORKS
REPUBLIC OF INDONESIA

Message from
The Director General of Water Resources

As an archipelago country with wide diversity of geographical conditions, Indonesia is one of the most natural disaster prone countries that is vulnerable to the major climate change phenomenon, such as temperature, rainfall pattern and intensity.

The main water related disasters could be flood, drought, landslide, high-tide flood, typhoon, and mount eruption which may cause secondary flood. In addition to these, there are also, either accidental or intentional water pollutions, and the failure of infrastructures due to inadequate design, construction, or operation and maintenance activities.

These disasters have widely impacted to the lives of affected population as well as local, regional, even global economic activities. Therefore, the disaster has become every one's concerns. It makes the management of water resources becomes more complicated to be multi sectors, cross regional, and multi aspect matters.

Water resources management in Indonesia has been implemented with consideration of holistic approach. Consequently, water resources management is not only for supporting the development through infrastructure provision, but also how to guarantee the sustainability of water resources through the effort of water conservation, water management, and prevention of natural disaster as well.

The government of Indonesia has introduced solutions in handling and preventing these water-related disasters, through the implementation of the disaster management covering responsive – reactive approach and preventive – proactive approach.

I believe that some other countries are facing similar problems with Indonesia. Therefore, with variety of experiences and knowledges, this seminar will be very useful for sharing experiences, problems and solutions in preventing the impact of water related disaster.

We are looking forward to seeing all of you in Yogyakarta in 2013

Dr. Ir. Moh. Hasan, Dip.HE

BACKGROUND

Water-related natural disasters, namely droughts and flood, landslides, high tide flood and mount eruption flood are the primary killers, and heavily affect millions of people. These disasters are serious impediments to sustainable development and poverty reduction. Huge economic losses can also be ascribed to water-related disasters, including massive impacts to infrastructure, shelter, health and food production.

The influences of climate variability/change and global warming with the likely increased frequency of drought floods and other water related disaster will increase the vulnerability of populations. Demographic changes, urbanization, migration and lack of adequate infrastructure are also putting higher numbers of people at risk than ever before.

Therefore, assessment of the risks and possible negative consequences of water-related disasters encountered by global changes should be comprehensively studied and understood in order to have better solutions.



THE THEME

Theme :
Water-related disaster solutions

Sub-themes :

- Risk management in water-related disaster
- Innovation in disaster mitigation and adaptation
- Capacity building for water resources management
- Community participation in disaster management

HOST REPRESENTATIVES :

Dr. Mochammad Amron (President of HATHI, Indonesia)

Rani S. Fauzi, MT (Chairman of HATHI Branch of Yogyakarta Special Region, Indonesia)

A. Tommy M. Sitompul, M.Eng. (General Secretary of HATHI, Indonesia)

John P. Pantouw, MS, (General Treasury of HATHI, Indonesia)

ORGANIZING COMMITTEE:

Chairman:

Pitoyo Subandrio, Dip. HE (Ministry of Public Works, Indonesia)

Vice Chairman:

Adang Saf Ahmad, CES (Ministry of Public Works, Indonesia)

Darmanto, Dip. HE (Universitas Gadjah Mada, Indonesia)

Prof. Djoko Legono (Universitas Gadjah Mada, Indonesia)

Reviewers/Editors :

Prof. Sri Harto Br (Universitas Gadjah Mada, Indonesia)

Prof. Nadjadji Anwar (Sepuluh Nopember Institute of Technology, Indonesia)

Prof. Nur Yuwono (Universitas Gadjah Mada, Indonesia)

Prof. Djoko Legono (Universitas Gadjah Mada, Indonesia)

Doddi Yudianto, Ph.D (Parahyangan Catholic University, Indonesia)

Prof. Yutaka Gonda (Niigata University, Japan)

Prof. Yih-Cin Tai (National Cheng Kung University, Taiwan)

Dr. Shusuke Miyata (Kyoto University, Japan)

THE OBJECTIVES

The International Seminar aims :

- To give opportunity to local, regional and international participants to have a better understanding of water-related disaster and have a new thought on its risk management.
- To provide a platform for experts to share experiences and knowledge on the best professional judgement of natural disaster based development and management under changing environmental and socio-economical conditions.
- To give opportunity to have innovation on water-related disaster solutions.

PARTICIPANTS

It is expected that around 400 participants (experts, practitioners, engineers, researchers, managers and decision makers) will attend the Seminar, consist of :

- HATHI members
- National and provincial experts from all over Indonesia
- International experts (Japan, ASEAN Countries, and other countries).

It is expected that each of ASEAN Countries will present paper with Keynote Speeches of the Minister of Public Works of The Republic of Indonesia, IAHR and MLIT of Japan.

PROGRAM AT A GLANCE

Day 1 (Friday, 6 th Sept 2013)	Day 2 (Saturday, 7 th Sept 2013)	Day 3 (Sunday, 8 th Sept 2013)
08 ⁰⁰ - 17 ⁰⁰ : Registration	08 ³⁰ - 10 ³⁰ : Keynote Lectures (Plenary Session)	07 ³⁰ - 11 ³⁰ : Field Trip
09 ⁰⁰ - 16 ⁰⁰ : Field Trip - Mount Merapi Museum - Sabo Dam of Mount Merapi - Prambanan Temple	10 ³⁰ - 11 ⁰⁰ : Coffee Break 11 ⁰⁰ - 13 ⁰⁰ : 1 st Session 13 ⁰⁰ - 14 ⁰⁰ : Luncheon	12 ⁰⁰ - : Check Out Hotel
18 ⁰⁰ - 19 ⁰⁰ : Opening Ceremony	14 ⁰⁰ - 16 ⁰⁰ : 2 nd Session	JOIN WORKSHOP on MSD The Multimodal Sediment Disaster Network (MSD Network) together with Universitas Gadjah Mada will organize the fourth International Workshop on Multimodal Sediment Disaster (the 4 th IWMSD) with the theme of "Disaster Mitigation through Partnership - Based Knowledge Sharing". The Workshop will be held in Civil & Environmental Engineering Department Universitas Gadjah Mada, Yogyakarta on September 7 th - 9 th ,2013. Please see the detail in the website : http://www.msd2013.cee-ugm.ac.id
19 ⁰⁰ - 22 ⁰⁰ : Welcome Dinner	16 ⁰⁰ - 16 ³⁰ : Coffee Break 16 ³⁰ - 18 ³⁰ : 3 rd Session 18 ³⁰ - 19 ³⁰ : Closing Ceremony	
	Free Afternoon	

The Seminar will consist of a number of parallel sessions. Further information about the seminar and the final program will be available from the Seminar's website.

SCIENTIFIC COMMITTEE :

Prof. Radianta Triatmadja (Universitas Gadjah Mada, Indonesia)

Prof. Suripin (Diponegoro University, Indonesia)

Prof. Shie-Yui Liong (National University of Singapore, Singapore)

Prof. Hitoshi Tanaka (President of APD-IAHR, Tohoku University, Japan)

Prof. Masaharu Fujita (Kyoto University, Japan)

Prof. Kuniyaki Miyamoto (University of Tsukuba, Japan)

Prof. Chjeng-Lun Shieh (National Cheng Kung University, Taiwan)

Prof. Lianxiang Wang (China Institute of Water Resources and Hydropower Research, China)

Prof. Te Kipa Kepa Brian Morgan

(The University of Auckland, New Zealand)

Prof. Neil Grigg (Colorado State University, USA)

Dr. Arthur Mynett (Chairman IAHR Standing Committee on Global Water Issues Deltas, The Netherland)

Prof. Mustafa Altinaker (University of Mississippi, USA, Chairman IAHR Working Group on International Flood Initiative)

Prof. Roberto Renzi (University of Brescia, Italy, Chairman IAHR Working Group on Applied Hydrology)

Dr. PP Mujumdar (Dept. of Civil Engineering, Indian Institute of Science)

FORMAT OF PAPER WRITING AND PRESENTATION :

A. FORMAT OF EXTENDED ABSTRACT

Contains only 3 important information:

1. The explanation of the important of the study / topic requires a solution. (Answer of WHY)
2. Means of solving the problem of the study / topic. (Answer of HOW)
3. Demonstrates the advantages of the result / findings in solving problems. (Answer of WHAT FOR)
4. Include number of handphone and email address

Those information should be written 1 space in maximum 2 pages.

B. FORMAT OF FULL PAPER

1. Paper size A4
2. Left and upper margin of 4 cm, right and bottom 3 cm
3. Times New Roman font size 12, except title with size 14 bold
4. Subtitles (sub heading) with size 12 bold
5. Manuscript 1.5 spaces except the abstract, the explanation of formulas, table and table headings, titles of figures and figures and references in 1 space
6. All writing starts from the left margin, except the title centered
7. Systematically follow the following example:

a. Title

Title of paper followed by the author (s) identity, institution and e-mail address.

b. Abstract.

At least contains information of the background of the problem, the methods of how to solve the problem and the benefit or advantages of above solution.

Written in a single paragraph 1 space, consist of maximum 200 words followed by key words (if any).

c. Introduction

Introduction should contain:

1. Information of what the importance of the problem to be solved.
2. Literature review of related references.
3. Theoretical base of the method to solve the problem (s).

d. Result and discussion

This main part should contain:

1. Systematic sequence of carrying out the works (studies/researches).
2. Result of the work (studies/researches).
3. Sharp and deep discussions in line with the title.

e. Conclusion and recommendation

This should contain :

1. Conclusion of the discussion in line with the title.
2. A clear recommendation of what should be further done.

f. Acknowledgement

This should contain expression of appreciation to any related parties.

g. References

This list contain (s) only related references cited in the manuscript.

Note: see also the template in our web www.hathi-pusat.org

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 15 (fifteen) minutes .

VENUE AND DATE



September 6th - 8th, 2013

The Seminar will be held at
the Sheraton Mustika Yogyakarta
 JL Laksda Adisucipto KM 8.7 · Yogyakarta Indonesia.

For more detailed information please visit : www.sheratonmustikayogyakarta.com
 Special rate is offered to the participant of Seminar :

For Room Type Rate Including Breakfast	Indonesian		Foreigners	
	Garden View	Rp. 800,000	Garden View	USD 90
Volcano View Room	Rp. 900,000	Volcano View Room	USD 100	
Club Room	Rp. 1,000,000	Club Room	USD 110	
Suite	On request	Suite	On request	

reservation can be made through the Organizing Committee

ORGANIZER

The Seminar is organized by HATHI (Himpunan Ahli Teknik Hidraulik Indonesia) in cooperation with Directorate General of Water Resources of Ministry of Public Works, Yogyakarta Special Region, Universitas Gadjah Mada, Yogyakarta-Indonesia, IAHR (International Association for Hydro - Enviroment Engineering and Research), MLIT (Ministry of Land, Infrastructure, Transport and Tourism - Japan), JICA (Japan International Cooperation Agency).

Important Dates

- Feb 28th, 2013 : Deadline of Extended Abstract
 April 1st, 2013 : Notification of Ext. Abstract Acceptance
 May 31th, 2013 : Deadline of Full Paper Submission
 June 30th, 2013 : Notification of Full Paper Acceptance

Registration :

Please complete the attached registration form and send it to the Organizing Committee not later than July 31st, 2013

More Information

Please visit our website:
<http://www.hathi-pusat.org>
 Email: hathi_pusat@yahoo.com

Secretariat :

HATHI
 Gedung Dit. Jen. SDA Kementerian PU
 Lantai 8, Jl. Pattimura 20 Kebayoran Baru
 Jakarta 12110 - Indonesia
 Telp./Fax. : 62-21.7279 2263
<http://www.hathi-pusat.org>
 Email: hathi_pusat@yahoo.com

Registration Fee :

Category	Foreigners		Indonesian	
	before July 10 th , 2013	after July 11 th , 2013	before July 10 th , 2013	after July 11 th , 2013
IAHR/Member HATHI	USD 350	USD 400	Rp. 1.500.000,-	Rp. 1.750.000,-
Student	USD 250	USD 300	Rp. 1.000.000,-	Rp. 1.250.000,-
Participant (non member)	USD 500		Rp. 2.000.000,-	

Including : Admission to all Seminar Sessions, Lunches, Welcome Dinner, Seminar Kits, Certificate.

Payment :

BNI (Bank Negara Indonesia)
 Account Holder: Himpunan Ahli Teknik Hidraulik Indonesia
 Account Number : 612345677
 Branch : BNI Melawai Raya

Please send us your receipt both by e-mail attachment or fax.

Contact Person :

Erwin : +62.812 155 2739
 Indah : +62.813 10973401

International Seminar on WATER RELATED DISASTER SOLUTIONS

Yogyakarta, September 6th - 8th, 2013



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 : _____

Passport No : _____ Expiry Date : _____

Arrival Date : _____ Flight : _____

ETA : _____

Departure Date : _____ Flight : _____

ETD : _____

Official Hotel : Indonesian Foreigners

<input type="checkbox"/> Garden View	Rp. 800,000	USD 90
<input type="checkbox"/> Volcano View Room	Rp. 900,000	USD 100
<input type="checkbox"/> Club Room	Rp. 1,000,000	USD 110

Field Trip Ladies Program

Foreigners : US\$ 50/person

Indonesian : Rp. 200.000,-/person

Foreigners : US\$ 50/person

Indonesian : Rp. 200.000,-/person

Please kindly complete this registration form and send it back to the Committee, not later than July 31st, 2013