

INTERNATIONAL JOINT SYMPOSIUM

“MULTI-MITIGATION OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING TO NATURAL DISASTER ON PROBLEMATIC SOILS”

KEYNOTE SESSION 1



Prof. Andrew J. Whittle

Massachusetts Institute of Technology (MIT)
Keynote Speaker 1



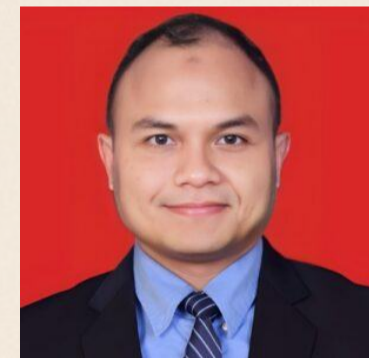
Prof. Kazunari Sako

Kagoshima University
Keynote Speaker 2



Prof. Ria Asih Aryani Soemitro

Institut Teknologi Sepuluh Nopember (ITS)
Keynote Speaker 3



Dr. Trihanyndio Rendy Satrya

Institut Teknologi Sepuluh Nopember (ITS)
Moderator

KEYNOTE SESSION 2



Prof. Louis Ge

National Taiwan University
Keynote Speaker 1



Prof. Kenichi Sato

Fukuoka University
Keynote Speaker 2



Prof. Masyhur Irsyam & Yuamar Imarrazan B., Ph. D.

Institut Teknologi Bandung (ITB)
Keynote Speaker 3



Dr. Mahendra Andiek Maulana

Institut Teknologi Sepuluh Nopember (ITS)
Moderator

INVITED SESSION 1



Prof. Yoshinori Fukubayashi

University of Miyazaki
Invited Speaker 1



Prof. Widjojo A. Prakoso

Universitas Indonesia
Invited Speaker 2



Prof. Paulus P. Rahadjo

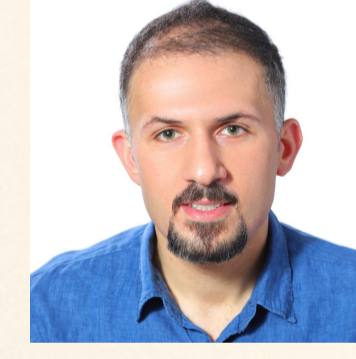
Universitas Katolik Parahyangan
Invited Speaker 3



Dr. Eng. Januarti Jaya Ekaputri

Institut Teknologi Sepuluh Nopember (ITS)
Moderator

INVITED SESSION 2



Prof. Adel Mohammad Alowaisy

Kyushu University
Invited Speaker 1



Mr. Satoshi Nagashima

Kajima Corporation
Invited Speaker 2



Prof. Teuku Faisal Fathani

Universitas Gadjah Mada
Invited Speaker 3



Dr. Farida Rachmawati

Institut Teknologi Sepuluh Nopember (ITS)
Moderator

INTERNATIONAL JOINT SYMPOSIUM “MULTI-MITIGATION OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING TO NATURAL DISASTER ON PROBLEMATIC SOILS”



December 4th – 6th, 2024
Surabaya, Indonesia

Hosted by:

Institut Teknologi Sepuluh Nopember – Indonesia

Supported by:

Kumamoto University – Japan

Japanese Geotechnical Society, JGS – Kyushu Branch

Indonesian Geotechnical Society, HATTI – East Java Branch

Indonesian Ministry of Public Works and Public Housing

BACKGROUND

Various natural disasters have occurred nowadays, many infrastructure buildings have been affected, especially in areas that have problematic soil and geo-environmental problems. This joint symposium was initiated to be a forum for discussion and sharing regarding geotechnical and geo-environmental aspects as well as multi-mitigation efforts when natural disasters occur. This symposium is a research collaboration project between Kyushu branch of Japanese Geotechnical Society (JGS) and East Java Branch of Indonesian Geotechnical Society (HATTI). Also, this event is one of the academic activities to promote friendship based on the MOU between Kumamoto University (KU), Japan and Institut Teknologi Sepuluh Nopember (ITS), Indonesia. We anticipate that this event will facilitate strong collaborations and foster lasting friendships between the Japanese Geotechnical Society (JGS, Kyushu Branch) and the Indonesian Geotechnical Society (HATTI, East Java Branch)

CONFERENCE THEMES

- Soil characteristics and properties
- Underground space and deep excavations
- Tunneling
- Slope, debris flow and embankments
- Dams
- Shallow and deep foundations
- Soil dynamics and geotechnical earthquake engineering
- Soil improvement
- Geoenvironmental engineering
- Geotechnical reliability, risk assessment and management
- Geosynthetics and Geoproducts
- Engineering geology and rock engineering
- Forensic engineering
- Offshore and harbor geotechnics
- In- situ testing and monitoring
- GeoEnergy
- Case History
- Numerical analysis of soil-structure interaction
- Geotechnical Infrastructures
- Marine Geotechnics
- Design and Modeling
- Transportation Geotechnics, Engineering and Technology
- Piling foundations, technologies and testing
- Trenchless technology in underground constructions
- Others

CALL FOR PAPERS AND PARTICIPATION IN CONFERENCE

IMPORTANT DATES

| | |
|---|--|
| Abstract deadline | : September 30 th , 2024 |
| Acceptance notification | : October 4 th , 2024 |
| Scientific paper or extended abstract deadline: | October 18 th , 2024 |
| Registration | : November 1 th , 2024 |
| Symposium event | : December 4 th –6 th , 2024 |

PARTICIPANT CHOICES

- ★ Paper – Extended Abstract/ Poster
- ★ Paper – Scientific Paper
- ★ Regular Participant

REGISTRATION

Secure your spot by register through this link

<https://forms.gle/5QrUjnfMdqYNVJtG9>

- IDR 350.000 for Regular Participant
- IDR 500.000 for Speaker/ Author of paper
- IDR 750.000 for Regular Participant + Speaker (Includes Gala Dinner & Field Trip)

Transfer Account

Bank Name : Bank Negara Indonesia
Swift Code : BNINIDJAXXX
Account Number: 0382268338
Account Name : Dwa Desa Warnana
City, Country : Surabaya, Indonesia

PAPER SUBMISSION

Extended abstract/ poster & scientific paper **template** and **submission** can be accessed via our website its.ac.id/drpm/international-joint-symposium/

CONFERENCE LANGUAGE

The official language of the conference is **English**

CONFERENCE VENUE

Institut Teknologi Sepuluh Nopember (ITS), Surabaya Indonesia



FIELD TRIP

Porong Mud Volcano

The Sidoarjo mud flow (commonly known as Lumpur Lapindo, wherein lumpur is the Indonesian word for mud) is the result of an erupting mud volcano in the subdistrict of Porong, Sidoarjo in East Java, Indonesia that has been in eruption since May 2006. It is the biggest mud volcano in the world; responsibility for the disaster was assigned to the blowout of a natural gas well drilled by PT Lapindo Brantas, although company officials contend it was caused by a very distant earthquake that occurred in a different province.



Source : https://en.wikipedia.org/wiki/Sidoarjo_mud_flow

SCHEDULE

Wednesday, 4th December 2024 (Conference Day, ITS)

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|----------------------|--|
| 09:00 – 09:10 | Welcoming Speech from Director General of Bina Marga, Indonesian Ministry of Public Works & Public Housing |
| 09:10 – 09:20 | Welcoming Speech from Rector of ITS |
| 09:20 – 09:30 | Opening Speech from Indonesian Side |
| 09:30 – 09:40 | Opening Speech from Japanese Side |
| 09:40 – 11:10 | Keynote Session I |
| 11:10 – 11:40 | Q & A session of Keynote Speakers |
| 11:40 – 12:00 | Lunch & Praying Time |
| 12:00 – 13:00 | Poster Session I |
| 13:00 – 14:00 | Invited Session I |
| 14:00 – 15:00 | Invited Session II |
| 15:00 – 15:30 | Praying Time & Coffee Break |
| 15:30 – 17:30 | General Session I |

Thursday, 5th December 2024 (Conference Day, ITS)

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|----------------------|-----------------------------------|
| 09:00 – 10:30 | Keynote Session II |
| 10:30 – 11:00 | Q & A session of Keynote Speakers |
| 11:00 – 12:00 | Poster Session II |
| 12:00 – 13:00 | Lunch & Praying Time |
| 13:00 – 15:00 | Student Session |
| 15:00 – 15:30 | Praying Time & Coffee Break |
| 15:30 – 17:00 | General Session II |
| 19:00 – 21:00 | Gala Dinner, Swiss-Belinn Hotel |

Friday, 6th December 2024 (Field Trip, Porong Mud Volcano)

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|---------------|-----------------------|
| 08:30 – 11:30 | Sidoarjo Mud Volcano |
| 12:00 – 15:00 | Lunch and Sightseeing |

GALA DINNER

Swiss-Bellin Hotel, Manyar Surabaya



CONTACT US

For more information please visit the symposium website:
its.ac.id/drpm/international-joint-symposium/

or contact us:

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