



Liquefaction Induced Landslide after Palu Earthquake in 2018

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Conference Venue

The venue of the conference :
THE DISCOVERY KARTIKA PLAZA HOTEL
 Jl. Kartika Plaza South Kuta 8036
 Bali, Indonesia



Pura Ulun Danu Beratan, Bedugul, Bali

For further information, please contact : MILLA or AFLIZAL (+62 899 7050 250)



**Call for Papers
 and Participation in Conference**

Third Bulletin

INTERNATIONAL CONFERENCE ON
“LANDSLIDES AND SLOPE STABILITY”
 ADVANCEMENT OF RESEARCH, PRACTICE, AND INTEGRATED SOLUTION ON LANDSLIDE
(SLOPE 2019)
www.slope2019.com

Hosted by :
 Universitas Katolik Parahyangan, Indonesia
 Universiti Teknologi Petronas

Under the auspices of :
 Indonesian Geotechnical Society (HATTI)
 International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE)
 International Consortium on Landslides (ICL)
 Research Center for Geotechnology - Indonesian Institute of Science
 Geotechnical Extreme Events Reconnaissance (GEER) Association
 Ministry of Public Works and Housing of the Republic of Indonesia (Kementerian PUPR RI)

**Bali, Indonesia
 September 25 - 27, 2019**

Introduction

Engineering Geologists, Civil Engineers and Environmental Engineers are concerned with the problems of landslides, rockslides, and debris flow which may be caused by natural disasters, river erosion, climate change, human errors and geo-environmental problems or man-made slopes. Eventhough we have gained experience, knowledge and advanced technology, there are still numbers of deadly events that recently occurred at many places in Indonesia such as in Padang Pariaman in Sumatera 2009 (more than 600 fatalities), South Cianjur 2009 (54 fatalities) and Banjarnegara, Central Java with 351 fatalities (Legetang/Kepakisan, 16 April 1955), 90 fatalities (Sijeruk, 4 January 2006) and 108 fatalities (Jembrung, 12 December 2014), many were killed during Palu earthquake 2018 due to liquefaction induced landslides and also in many countries as well.

Landslides Risk Reduction has become very important steps in every country. They require multi hazard approach including institutional capacities such as policy, legislation, education and training, community awareness etc as an essential condition for its effectiveness. Many universities, research institutions, landslides centers and geological or geotechnical consultants have gained experience and knowledge which are of valuable importance. Case histories of landslides contribute to the state of the art for research and practice on landslides and rock slides. It is with the objectives of sharing knowledge, the conference has been aimed for the goals. Hence the conference is very important event for exchange of ideas and experience and for contribution among many countries all over the world.

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Conference Themes

- ✦ Mechanism of Slope Failures in Soils and Rocks
- ✦ General Landslides Studies
- ✦ The importance of Geological Aspects on Landslide and Rock Slides
- ✦ Behavior of Soil and Rock for Slope Stability Analysis
- ✦ Physical Modeling and Material Testing for Slope Stability Analysis
- ✦ Dynamic Behavior of Soils and Rock for Slope Stability Analysis
- ✦ Site Characterization for Slope Stability Study
- ✦ In-situ Testing and Monitoring for Identification and Study of Slope Movement
- ✦ Climate Change and Land Use Impact on Landslides
- ✦ Problems of Creeps Causing Slope Failures
- ✦ Case Histories of Natural and Man Made Slope Failures
- ✦ Earthquake and Liquefaction Induced Landslides
- ✦ Landslides in River, Coastal and Submarine Environments
- ✦ Stability of Dams and Landslides in Reservoirs
- ✦ Design Aspects for Slope Stability
- ✦ Slope Stability in Excavation and Embankment Works
- ✦ Use of Piles and Ground Anchor for Slope Stabilization
- ✦ Reinforced Earth Slopes Design, Analysis and Case Histories
- ✦ Ground Improvement for Slope Stabilization
- ✦ Outlook for New Technology in Slope Stabilization
- ✦ Analysis of Debris Flows and Mud flows
- ✦ Modeling of Slopes and Application and Development of Numerical Analysis
- ✦ Probabilistic Slope Stability
- ✦ The Use of Remote Sensing for Landslides Response, Monitoring and Mapping
- ✦ Landslides Inventory and Landslide Hazard Zonation
- ✦ Remedial Measures on Landslides and Risk Reduction Strategy
- ✦ Monitoring, Prediction and Warning of Landslides
- ✦ Risk Assessment and Control on Landslides and Urbanization
- ✦ Policy, Legislation and Guidelines on Landslides
- ✦ Capacity Development for Landslides Mitigation
- ✦ Education on Landslides

Call for Papers

You are invited to submit abstract and full papers of 6 pages for oral presentation. Papers must be original, unpublished work containing new and interesting results that demonstrate current research and case histories of landslides and slope stability. Submission implies the willingness of at least one of the authors to register and present the paper. All papers are to be submitted electronically in Word format. All papers will be peer reviewed by independent referees who are experts in each topic. The papers will be bounded in proceeding and the papers which are of high quality will be selected for publication in 2020 Scopus Indexed Journal of Asian and South East Asian Geotechnical Society and other related journals.

Abstract and Paper Submission

Can be submitted via our website www.slope2019.com
More info, Email : secretariat@slope2019.com

Important Dates

- Call for abstract :**
June 15, 2019
- Abstract Notification :**
June 20, 2019
- Dateline for Papers Submission :**
July 15, 2019
- Notification of Paper Acceptance:**
July 30, 2019
- Revised Paper for Publication :**
August 15, 2019
- Pre-conference Workshop :**
September 25, 2019
- International Conference :**
September 26 - 27, 2019

Honorable Lectures



Prof. Peter Bobrowsky*
(President of International Consortium on Landslides)
**in confirmation*

Dr. Ir. Arie Moerwanto, M. Sc
(Head of Disaster Management for Central Sulawesi, Indonesia Ministry of Public Works and Housing)



Keynote Speakers

1. **Prof. Dwikorita Karnawati** (Vice President of International Consortium on Landslides and Head of Meteorological Climatological and Geophysical Agency of Indonesia)
2. **Prof. Noppadol Phienwej** (Asian Institute of Technology, Thailand)
3. **Prof. Masyhur Irsyam, Ph.D** (President of Indonesia Geotechnical Society (HATTI))
4. **Prof. Timothy D. Stark** (University of Illinois, USA)
5. **Assoc. Prof. Hisham Mohamad** (Universiti Teknologi Petronas, Malaysia)
6. **Prof. Ir. Teuku Faisal Fathani, Ph.D** (Gadjah Mada University, Indonesia)
7. **Assoc. Prof. Dr. Eng Imam A. Sadisun** (Bandung Institute of Technology, Indonesia)
8. **Prof. Yue Quentin Zhong Qi** (The University of Hong Kong)
9. **Assoc. Prof. Benjamin Mason, Ph.D** (Oregon State University, USA)
10. **Prof. Paulus P. Rahardjo, Ph.D.** (Universitas Katolik Parahyangan, Indonesia)



Dwikorita Karnawati



Noppadol Phienwej



Masyhur Irsyam



Timothy Stark



Hisham Mohamad



Teuku Faisal Fathani



Imam A. Sadisun



Quentin Yue



Paulus P. Rahardjo



Benjamin Mason



Liquefaction induced landslide
Palu (September 28, 2018)