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964th Conference

Scientific Program

International Conference on

Natural Hazards and Disaster Management

June 01-03, 2017 Osaka, Japan



Hosting Organization: Conference Series LLC
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Day 1 June 01, 2017

09:00-09:15 **Registrations**

Hall @ Crystal

conferenceseries.com **09:15-09:30** **Opening Ceremony**

Keynote Forum

Introduction

9:30-10:10
Title: The geophysical precursors of earthquakes: Emission of radon-222 and ionizing radiation in imminent earthquakes – The proposal of a seismic warning network for Ecuador
Gualtiero A N Valeri, Santa Rita University of Rome, Italy

10:10-10:50
Title: Wireless sensor network for monitoring and early warning system of landslides
Sangseom Jeong, Yonsei University, Korea

Group Photo

Networking and Refreshments Break 10:50-11:10 @ Foyer

11:10-11:50
Title: Macro level analysis of sea level rise effect on pavements structural capacity
Hesham Ali, Florida International University, USA

Session:
Geological Disasters and Earthquakes | Geographic Information & Remote Sensing | Disaster Risk Management | Alarming Alerts and Early Warning Systems

Session Introduction

Session Chair: Sangseom Jeong, Yonsei University, Korea
Session Co-chair: Hesham Ali, Florida International University, USA

11:50-12:15
Title: Remote sensing of forest fire
Rosa Lasaponara, University of Basilicata, Italy

12:15-12:40
Title: Seasonal color Spectrophotometric variation of dust sample within Kuwait
Mustafa A Al-Shamali, Kuwait Institute for Scientific Research, Kuwait

12:40-13:05
Title: Monitoring water quality of inland lakes by remotely sensed observations
Wei Yang, Chiba University, Japan

Lunch Break 13:05-14:05 @ 1F Restaurant "The Café"

14:05-14:30
Title: Interaction of Sb(III) under sulfide-rich reducing environment: Batch and spectroscopic investigations
Young-Soo Han, Korea Institute of Geoscience and Mineral Resources, South Korea

14:30-14:55
Title: Water quality in relation to phytoplankton abundance and density of mining-impacted river in Zambales, Central Luzon, Philippines
Rowena R Sazon, Ramon Magsaysay Technological University, Philippines

14:55-15:20
Title: Effect of frequent policy change on disaster preparedness and systemic resilience
John K Buor, Ghana Institute of Management and Public Administration, Ghana

15:20-15:45
Title: Cell density and chlorophyll a content of *Navicula* sp. exposed to the different concentrations of pesticide cypermethrin
Fantonalgo Raymund N, University of the East-Manila, Philippines

Coffee Break 15:45-16:00 @ Foyer

16:00-16:25
Title: Study and design of Gensai products: Reducing the amount of damage after natural disasters- The case study of creative ideas of Iranian and Japanese students
Rozita Farzam, University of Tehran , Iran

16:25-16:50
Title: Fluctuating asymmetry in morphometric and meristic traits of white goby (*Glossogobius giuris* Hamilton, 1822) as indicator of stress in the east bay of Laguna lake, Philippines
Lorenz J Fajardo, Central Luzon State University, Philippines

16:50-17:15
Title: Doomsday rehearsal: Architecture for pre-disaster learning and 2020 Tokyo Olympics the year of disaster prevention global classroom
Choon Yong Heng, Curtin University, Australia

Panel Discussion

Day 2 June 02, 2017

Hall @ Crystal

Keynote Forum

10:00-10:40
Title: Flood resilience: Measurement, validation and policy implications
Bo Huang, The Chinese University of Hong Kong, Hong Kong

10:40-11:20
Title: Landslides hazards and development of global early warning
Govind Singh Bhardwaj, Maharana Pratap University of Agriculture and Technology, India

Coffee Break 11:20-11:35 @ Foyer

Session:
Coastal Geography and Floodway Analysis | Environmental Pollution | Global Warming | Meteorological Hazards

Session Introduction

Session Chair: Bo Huang, The Chinese University of Hong Kong, Hong Kong
Session Co-chair: Govind Singh Bhardwaj, Maharana Pratap University of Agriculture and Technology, India

11:35-12:00
Title: Spatiotemporal analysis of the impact of climate change on the state of vegetation cover in the Namahadi Catchment Area in South Africa.
Mukwada G, University of the Free State, South Africa

12:00-12:25
Title: Community engagement in the early warning system (EWS) to improve disaster preparedness in Aceh province, Indonesia
Sofyan Sufri, Griffith University, Australia

12:25-12:50
Title: Addressing future challenges to reduce PFCs emissions from Aluminum smelters
Nasr Bensalah, Qatar University, Qatar

12:50-13:15
Title: Institutionalizing disaster management education and training for the World's militaries
Amardeep Bhardwaj, Govt Of India, India

Lunch Break 13:15-14:15 @ 1F Restaurant "The Café"

14:15-14:35
Title: Critical energy infrastructure protection in EU legislation with a focus on natural hazards in electricity networks
Constantinos S Psomopulos, University of Applied Sciences, Greece

14:35-15:55
Title: An individualized disaster relief solution for dust-storm situations
Kiana Kalantar, University of Tehran, Iran

15:55-16:15
Title: How can we reduce the fatal impact of natural disasters on human life through rescue bracelet?
Mahsa Ghanbari Borhan, University of Tehran, Iran

16:15-16:25
Title: After earthquake help people by light aid; In distressed condition after earthquake search for a helpful light
Maryam Heydarian Ghahrodi, University of Tehran, Iran

Networking & Refreshments Break 16:25-16:40 @ Foyer

Poster Presentations 16:40-17:40

P1
Title: Doomsday rehearsal: Architecture for pre-disaster learning and 2020 Tokyo Olympics the year of disaster prevention global classroom
Choon Yong Heng, Curtin University, Australia

P2
Title: First principles understanding on enhanced oxidation resistance of $NaBH_4$-treated mackinawite (FeS)
Dong-Hee Lim, Chungbuk National University, South Korea

P3
Title: New methodology for rescue in hazard conditions, stairway that change into slope
Hossein Morvaridi Farimani, University of Tehran, Iran

P4
Title: The abyss: The search for a responsive underwater habitation
Han Ming Michael Koo, Curtin University, Australia

Panel Discussion

Awards & Closing Cermony

Day 3 June 03, 2017

Panel Discussions and Networking Lunch