

2015.2.23

※ Note that the presentation time shown below will vary according to the session progress.

Volcanic Hazards Mitigation

Presentation Number	Starting time	Title	Presenter
A02	14:30	Experimental Study of Concrete-filled Steel Plate Composite Coupling Beams	Hong-Song HU
A03	14:45	Condition Assessment of Steel Shear Walls with Double-tapered Links under Earthquake Loading	○Liusheng HE • Takuma TOGO • Kazuhiro HAYASHI • Masahiro KURATA • Masayoshi NAKASHIMA
A04	15:00	Numerical Simulations for Seismic Rehabilitation of Steel Frames Using Minimal-Disturbance Arm Damper	○Lei ZHANG • Miho SATO • Masahiro KURATA • Masayoshi NAKASHIMA
A05	15:15	Low-cycle Fatigue Modelling of Steel Beam-column Connections Based on Lumped Damage Mechanics	○Yongtao BAI • Masahiro KURATA • Masayoshi NAKASHIMA
A06	15:30	Derivation of Damage Curves for Quantification of Steel Beam Fractures under Earthquake Loading	○Xiaohua LI • Masahiro KURATA • Masayoshi NAKASHIMA
A10	16:45	Current State of Volcanic Ash Dispersion Prediction	○Jonas ELIASSON • Junichi YOSHITANI

Atmosphere-Hydrosphere

C06	15:30	Analysis of Breach Characteristics and Equilibrium Scour Pattern for Overtopping Induced River Dyke Breach	○Pawan Kumar BHATTARAI • Hajime NAKAGAWA • Kenji KAWAIKE • Hao ZHANG
C09	16:30	Three-dimensional Numerical Modeling of Free-flow Sediment Flushing: a Case Study in Kurobe River	○Taymaz ESMAELI • Tetsuya SUMI • Sameh A. KANTOUSH
C12	17:15	Abrasion Damage Estimation of Sediment Bypass Tunnels: Comparison between Swiss and Japanese Formulas	○Christian AUDEL • Tetsuya SUMI

Geohazards

D05	15:00	Initiation and Movement of a Cosesimic Loess Flowslide Induced by the 2013 Minxian (Mw 6.6) Earthquake, China	○Fanyu ZHANG • Gonghui WANG
D09	16:15	Frictional Instability of Locally Sheared Granular Materials: Does it Depend on Particle Size?	○Yao JIANG • Gonghui WANG • Toshitaka KAMAI

Integrated Arts and Sciences for Disaster Reduction

E01	14:15	Influence of Big Sediment Particles on Sediment Dispersion in Abukuma River Mouth Zone During Extreme Discharges	○Josko TROSELJ • Yosuke YAMASHIKI • Kaoru TAKARA
E02	14:30	A Method of Rainfall Designing for Flood Risk Assessment	○Xinyu JIANG • Hirokazu TATANO
E03	14:45	Study on Estimation for Applicability of Overflow Discharge Equation under Pressurized Flow Condition	○Dongwoo KO • Hajime NAKAGAWA • Kenji KAWAIKE
E04	15:00	Business Interruption Loss Assessment of Flood Disaster for Industrial Sectors	○Lijiao YANG • Hirokazu TATANO • Yoshio KAJITANI
E05	15:15	Challenges of Conducting Social Network Surveys for Exploring the Dynamics of Community's Disaster Preparedness Behaviors: Voices from the Fields of Ghana	○Subhajyoti SAMADDAR • Muneta YOKOMATSU • Hirohiko ISHIKAWA
E06	15:30	Spatial Interaction and Environmental Health Attitudes of Nigerian Migrants in the UK	Emmanuel M. AKPABIO

2015.2.24

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Atmosphere-Hydrosphere

Presentation Number	Starting time	Title	Presenter
C15	9:15	Addressing Water Resources Regulations under Climate Change Impact through Multi-objective Modelling in Zeravshan River Basin	○Temur KHUJANAZAROV·Ruka NAMURA·Yoshiya TOUGE·Kenji TANAKA·Shigenobu TANAKA
B21	11:00	Characteristics of Tsunami Waves and Forces by Hybrid Tsunami Generator	○Adi PRASETYO·Victoria C. TOMICZEK·Tomohiro YASUDA·Nobuhito MORI·Hajime MASE·Tetsuya HIRAISHI
B24	11:45	Met-ocean in Thailand	○Wissanu HATTHA·Tetsuya HIRAISHI
C24	11:45	Application of Flood Early Warning Using High-Resolution Ensemble Rainfall from Numerical Weather Prediction Model: Case Study of the 2013 Largest Flood Event in Japan	○Wansik YU·Eiichi NAKAKITA·Kosei YAMAGUCHI·Masaru KUNII·Tsutao OIZUMI
C25	14:00	Ecological Riverbed Management by Changing Reach Scale Channel Configuration	○Mikyong CHOI·Yasuhiro TAKEMON·Tetsuya SUMI
B30	15:15	Study on Wind Vulnerability of Non-engineered Houses in Leyte Island, the Philippines	○Kazuyoshi NISHIJIMA·Hiroaki NISHIMURA·Liezl Raissa TAN·Jaime HERNANDEZ
C34	16:30	Integrated Management of Flash Flood in Wadi System of Egypt: Disaster Prevention and Water Harvesting	○Sameh A. KANTOUSH·Tetsuya SUMI·Mohammed ABDELFAH

Geohazards

D17	10:45	The Effect of Step-pool Development on Sediment Transport Following Blockage of a Mountain Gully by a Landslide: An Experimental Study	○Ching-Ying TSOU·Su-Chin CHEN·Chia-Ning YANG
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Integrated Arts and Sciences for Disaster Reduction

E14	9:30	Retrospective Analysis of Community's Concerns on Flood Risk and Its Reduction in Shiga Prefecture, Japan	○Junho CHOI·Subhajyoti SAMADDAR·Hirokazu TATANO
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Poster

P12	12:00	Modelling the Deposition Process of Failed Bank Material	○ALY EL-Dien AHMED·Hiroshi TAKEBAYASHI·Masaharu FUJITA·Shusuke MIYATA
P13		Erosion Characteristic of Bed Composed of Cohesive and Non-cohesive Material	○Nguyen Manh Minh TOAN·Hiroshi TAKEBAYASHI·Masaharu FUJITA·Syusuke MIYATA
P30		Application of TC Ensemble Technique to Tropical Cyclone over the Bay of Bengal	○Sanat Kumar DAS·Hirohiko ISHIKAWA