

DFHM7 Poster Presentation Schedule

as of April 26, 2019

Tuesday, June 11, 2019

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| Masaharu Fujita | [3200] A Method for Predicting Debris Flow Occurrence Based on a Rainfall and Sediment Runoff Model |
| Erin K. Bessette-Kirton | [2913] An evaluation of debris-flow runout model accuracy and complexity in Montecito, California: Towards a framework for regional inundation-hazard forecasting |
| Suzuki Takuro | [3222] Application of an MPS-based model to the process of debris-flow deposition on alluvial fans |
| Ann M. Youberg | [3156] Comparison of an empirical and a process-based model for simulating debris-flow inundation following the 2010 Schultz Fire in Coconino County, Arizona, USA |
| Kuniaki MIYAMOTO | [3226] Compressibility of solid phase of debris flow and erosion rate of erodible bed |
| Hiroshi KISA | [2906] Concentration Distribution in Debris Flow Consisting of Particles with Two Different Sizes |
| Dey, Litan | [3176] Correlation between the slump parameters and rheological parameters of debris flow |
| Kana NAKATANI | [3199] Debris Flow Behavior Containing Fine Sediment Considering Phase Shift |
| Satoshi TAGATA | [3216] Debris Flow Monitoring using DFLP in Sakura-jima Island |
| Yuji HASEGAWA | [3212] Debris Wood Blocking Conditions at Bridges in Mountainous Streams |
| Li Shuai | [3155] Debris-flow deposition: effects of fluid viscosity and grain size |
| Hürlimann, Marcel | [3168] Debris-Flow Early Warning System at Regional Scale Using Weather Radar and Susceptibility Mapping |
| Wenner, Michaela | [2901] Deciphering debris-flow seismograms at Illgraben, Switzerland |
| DU Junhan | [3246] Discrete-element Investigation of Granular Debris Flow Runup against Slit Structures |
| TAKAHASHI, Yuya | [3251] Dynamic Characteristics of Extreme Superelevation of Debris Flows Observed by Laser Profile Scanners in Sakura-jima Volcano, Japan |
| Ba-Quang-Vinh NGUYEN | [3191] Effect of Rheological Property on Debris Flow Intensity and Deposition in Large Scale Flume Experiment |
| Robb Moss, Ph.D. P.E. F.ASCE | [3172] Examining the Commonalities between Debris Flows and Flow Failures |
| Eu, Song | [3274] Examining the Impact Force of Debris Flow in a Check Dam from Small Flume Experiments |
| Takahiro ITOH | [3215] Experimental evaluation for peak and temporal changes of debris flows focused on the initiation processes |
| Smith, Joel | [3278] Exploring controls on debris-flow surge velocity and peak discharge at Chalk Cliffs, Colorado, USA |
| Naoki Matsumoto | [3164] Flume experiment on the influence of particle size distribution on sediment capturing efficiency of open-type steel Sabo dams |

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| Hina Junya | [2930] Flume experiments and numerical simulation focused on fine sediments in stony debris flow |
| Scott R. Beason | [2878] Forecasting and seismic detection of debris flows in pro-glacial rivers at Mount Rainier National Park, Washington, USA |
| Arai Muneyuki | [2891] Influence of flow models on the deformation of debris flow surge |
| Nishiguchi Yuki | [3248] Long travel distance of landslide-induced debris flow |
| Roland Kaitna | [3179] Monitoring and modeling of debris flow surges at the Lattenbach creek, Austria |
| Takahiko NAGAYAMA | [3250] Monitoring of sediment runoff and observation basin for sediment movements focused on active sediment control in Jo-Gan-Ji River |
| Hongling Tian | [3220] Monitoring on earthquake induced debris flow in Southwest China |
| Kwangwoo Lee | [2890] Numerical analysis on the behavior of the debris flow and impact force on check dam |
| Cui Yifei* | [3192] Numerical Investigation of Deposition Mechanism of Submarine Debris Flow |
| Taro Uchida | [3238] Numerical simulation for describing phase-shift of fine sediment in stony debris flows |
| Sakai, Yuichi | [3218] Numerical Simulation of Debris Flows Focusing on the Behavior of Fine Sediment |
| Marina Pirulli | [3237] Numerical study of debris flows in presence of obstacles and retaining structures: a case study in the Italian Alps |
| Li-Jeng Huang | [3197] On the regression of velocity distribution of debris-flows using machine learning techniques |
| Sarno Luca | [3187] Optical measurements of velocity and of solid volume fraction in fast dry granular flows in a rectangular chute |
| Francis Rengers | [3211] Real-time monitoring of debris-flow velocity and mass deformation from field experiments with high sample rate lidar and video |
| Xiang Li | [3228] Regional-scale modelling of liquefaction-induced shallow landslides in unsaturated slopes |
| Yusuke Yamazaki | [3221] Runoff Processes of Sediment and Driftwood Resulting from Landslide and Debris Flow |
| nobuhiro usuki | [3236] Soil characteristics of long-traveling landslides and prediction of the travel distance |
| Miguel Angel Cabrera | [3210] Submerged planar granular column collapse: fluid fluxes at the collapsing granular front |
| A. Michel | [3159] Taking the pulse of debris-flows: Extracting debris-flow dynamics from good vibrations in southern California and central Colorado |
| Shun YANG | [3180] The research on the movable solid materials under seepage flow effect in debris flow source area |
| Wataru Sakurai | [3283] The role of topography on erosion volume of debris flow |

Wednesday, June 12, 2019

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| Jeffrey Coe | [2912] A 4000 year history of debris flows in north-central Washington State, USA: preliminary results from trenching and surficial geologic mapping at the Pope Creek fan |
| Hirschberg, Jacob | [3239] Analysis of rainfall and runoff for debris flows at the Illgraben Catchment, |

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| | Switzerland |
| Deana Marco Luigi | [3266] Application of an Innovative approach against Debris Flow: study case and Design Procedure of the construction site to avoid floods and maintenance of the installed device. |
| Raja Das | [3230] Assessment of Debris Slides Using Kinematic Analysis in GIS Platform - A Case Study in Great Smoky Mountain National Park, TN. |
| Carlo Gregoretto | [3174] Characteristics of debris flows just downstream the initiation area on Punta Nera cliffs, Venetian Dolomites |
| Kerry Cato | [3255] Complexity of a Debris Flow System at Forest Falls, California |
| Mirus, Benjamin B | [3259] Conceptual Framework for Assessing Disturbance Impacts on Debris Flow Initiation Thresholds Across Hydroclimatic Settings |
| Yu-Charn Hsu | [3166] Debris flow Assessment from Rainfall Infiltration Induced landslide |
| Jennifer B. Bauer | [3227] Debris flows in the Pacolet Valley, Polk County, North Carolina, USA - case studies and emergency response |
| Jefferson Picanço | [3271] Debris flows occurrence in granite landscape in south-southeast Brazil |
| McCoy, Scott W | [3213] Debris-Flow Hazard Analysis for Interstate 80 in the Truckee River Canyon, Near the California-Nevada State Line, USA. |
| Joseph Gartner | [3280] Debris-flow risk assessment and mitigation design for pipelines in British Columbia, Canada |
| McCoy, Kevin | [3256] Debris-flow susceptibility mapping in Colorado using Flow-R: calibration techniques and selected examples |
| Dominique LAIGLE | [3167] Design of a debris retention basin enabling sediment continuity for small events: the Combe de Lancey case study (France) |
| Young-Hwan KIM | [3241] Deterministic Analysis of Areas Subject to Debris Flow in Taebaeksan National Park |
| Kaiheng Hu | [3165] Empirical model for assessing dynamic susceptibility of post-earthquake debris flows |
| Kousuke Yoshino | [3235] Estimating mechanical slope stability to predict the regions and ranges of deep-seated catastrophic landslides |
| Deuk-Hwan Lee | [2852] Estimation of debris flow volumes by an artificial neural network model |
| Haruki WATABE | [3217] Estimation of temporal changes of debris flows and hydraulic model tests for countermeasures using channel works with multi-drops |
| Eranda jayasekara | [3234] Evaluation of Shallow Landslide-Triggering Mechanism: A Case Study from Bulathsinhala Area, Sri Lanka |
| Kane, William F. | [3231] Flexible Debris Flow Barriers for Post Wildfire Debris Mitigation in the Western United States |
| Hu Hongsen | [3253] Flume Investigation of Interaction Mechanism Between Debris Flow and Slit Dam |
| Camiré, Félix | [3232] Hydro-geomorphology and Mountain Creek Hazard Mitigation Lexicon: French, English and German |
| Alessandro Leonardi | [3252] Impact Load Estimation on Retention Structures with the Discrete Element Method |
| Deana Marco Luigi | [3267] Laboratory tests for a New Debris Flow solution: description of an innovative hydraulic-based approach and its applications on on-scale-reduced Experiments. |
| Ohta, Takehiro | [3175] Landslides and debris flows in volcanic rocks triggered by the 2017 Northern Kyushu heavy rain |

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| Pat Flanagan | [3269] Modeling frequent debris flows to design mitigation alternatives |
| Qiang Zou | [3242] Multi-scale hazard assessment of debris flows in eastern Qinghai-Tibet Plateau area |
| Tsai Yuan-Jung | [3272] Numerical modeling of debris flows and landslide triggered by extreme rainfall event. |
| Nancy Calhoun | [2942] Post-fire rockfall and debris-flow hazard zonation in the Eagle Creek fire burn area, Columbia River Gorge, Oregon: A tool for emergency managers and first responders |
| Alex Strouth | [3189] Quantitative risk management process for debris flows and debris floods: lessons learned in Western Canada |
| Paul M. Santi | [3186] Rainfall Intensity Limitation and Sediment Supply Independence of Post-Wildfire Debris Flows in the Western U.S. |
| Manfred Scheickl | [3285] REGIONAL LEVEL DEBRIS FLOW HAZARD ASSESSMENT ALONG ALPINE INFRASTRUCTURE FACILITIES BASED ON A 3D NUMERICAL HIGH-PERFORMANCE SIMULATION TOOL |
| Evan Friedman | [3224] Relationship between rainfall intensity and debris-flow initiation in a southern Colorado burned area |
| Jeffrey Keaton | [3181] Review of Contemporary Terminology for Damaging Surficial Processes – Stream Flow, Hyperconcentrated Sediment Flow, Debris Flow, Mud Flow, Mud Flood, Mudslide |
| Matthieu Sturzenegger | [3268] Semi-automated Regional Scale Debris Flow and Debris Flood Susceptibility Mapping based on Digital Elevation Model Metrics and Flow-R Software |
| Gregoretto Carlo | [3173] Simulation of the debris flow occurred the 15th of August 2010 on Rio Val Molinara Creek (Northeast Italian Alps) |
| Akihiko IKEDA | [3225] Study of prediction methods of debris flow peak discharge |
| Kiyotaka Suzuki | [3229] Study on methods for assessing sediment disaster inundation zone in regions with insufficient data ~Case of the Aranayake disaster in Sri Lanka~ |
| Peng Cui | [3240] The impact of global warming on the formation of debris flows in an alpine region of southeastern Tibet |
| Vivian Cristina Dias | [3160] The Morphology of Debris Flow Deposits from The 1967's Disaster, in Caraguatatuba, Serra do Mar/Brazil. |
| Danielle Smilovsky | [3183] Using satellite radar interferometry to delineate burn area and detect sediment accumulation, 2018 Montecito disaster, California |
| Jeffrey Keaton | [3182] Weather-radar inferred intensity and duration of rainfall that triggered the January 9, 2018, Montecito, California, disaster |