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TUAT-WISE online international workshop on
experimental geomorphic processes

TUAT-WISE International Online Workshop on Experimental Geomorphic Processes

“Innovation to tackle scaling issues in experimental studies”

Keynote speakers



Roy C Sidle
University of Central Asia
Tajikistan



Hirotaka Ochiai
Japan Forest Technology Association
Japan

Morning session



Rose Tirtalistyani
Iowa State University
USA



Do Thi Kim Thanh
University of Copenhagen
Denmark



M. Luisa Martínez
Instituto de Ecología,
A. C., México



Tommy E. Sutarto
Samarinda State Polytechnic
Indonesia



MAR
WEDNESDAY



9-3
AM PM



Registration:

<https://tuatexorcess.wixsite.com/event>

Afternoon session



Kazuya Sano
Tokyo City University
Japan



Rozaqqa Noviandi
Tokyo University of
Agriculture and Technology
Japan



Noritaka Endo
Kanazawa University
Japan



Hossein Hamidifar
Shiraz University
Iran

Moderator



Vempi Satriya A H
Tohoku University
Japan



Surya Dewi P
Indonesia Defense University
Indonesia

RUNDOWN

Opening session

- 09.00-09.10 ● **Opening remarks**
- 09.10-09.45 ● **Roy C Sidle**
Hydrogeomorphic processes and scaling issues in the continuum from soil pedons to catchments
- 09.45-10.20 ● **Hiroataka Ochiai**
Landslide Field Experiment on a Natural Slope in Futtsu City, Chiba Prefecture

Hillslope erosion

- 10.25-10.45 ● **Rose Tirtalistyani**
Soil losses and runoff variabilities in varieties of surface coverages
- 10.45-11.05 ● **Do Thi Kim Thanh**
Runoff and Soil Erosion Response to Clear Cutting Period of Acacia Plantation in A Headwater Mountain of Vietnam

Fluvial and Coastal erosions

- 11.10-11.30 ● **M. Luisa Martínez**
Does the Functional Richness of Plants Reduce Wave Erosion on Embryo Coastal Dunes?
- 11.30-11.50 ● **Tommy E. Sutarto**
Stability Analysis of Semicohesive Streambanks with CONCEPTS: Coupling Field and Laboratory Investigations to Quantify the Onset of Fluvial Erosion and Mass Failure

Mass-movement

- 13.00-13.20 ● **Kazuya Sano**
Confirming the seismic behavior of the reinforced dry masonry retaining wall using centrifuge
- 13.20-13.40 ● **Rozaqqa Noviandi**
Evaluating the effect of vegetation root systems on slope stability by using a flume experiment

River morphodynamics

- 13.45-14.05 ● **Noritaka Endo**
Adjustment processes of mountainous rivers affected by tilting uplift: Laboratory experiments and a case study of Yakushima Island, Japan
- 14.05-14.25 ● **Hossein Hamidifar**
Morphodynamics of vegetated meandering channels: some insights from laboratory studies

Panel discussion

- 14.30-15.20 ● **All speakers**
How to tackle scaling issues in experimental studies?

Organized by **Rozaqqa Noviandi**
WISE student AY 2020