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The School of Engineering at the Lebanese American University

cordially invites you to attend the

Second Workshop on Natural Hazards in Lebanon
with a focus on

Landslide Risk Assessment

*at which we will present the results of the
Partnerships for Enhanced Engagement in Research (PEER) grant: PEER Project 270 (Cycle 4)
Funded by the United States Agency for International Development (USAID) and
administered by the U.S. National Academy of Sciences (NAS)*

on March 24, 2017 at 9:00 a.m.
at the Chagoury Health Sciences Auditorium
LAU, Byblos Campus

indly confirm your attendance: 09-547254, ext: 2483; cie_department@lau.edu.lb

Program

- 09:00 a.m. Registration
- 09:30 a.m. Welcoming Notes
- 09:45 a.m. Dr. Joseph Wartman, **University of Washington, Seattle**
“The 14 November 2016, M7.8 Kaikoura, New Zealand Earthquake: Effects of Ground Failure on Infrastructure Systems”
- 10:15 a.m. Drs. Jacques Harb, Chadi Abdallah, Dalia Abdel Massih, and Elsy Ibrahim, **RUMMARE**
“Mass Movement Risk Evaluations Using Remote Sensing, Geotechnical, and Geophysical Approaches: Cases of Dahr el Baidar and Kfarnabrakh”
- 10:35 a.m. Coffee Break (15-min)
- 10:50 a.m. Ms. Zeina Farah, Dr. Shadi Najjar, Dr. Salah Sadek, **American University of Beirut**
“Risk Assessment of Clayey Slopes Using the Random Finite Element Method (RFEM)”
Dr. Muhsin Rahhal, **USJ-ESIB**
“Geotechnical Assessment of Landslides in Lebanon”
Dr. Nisrine Makhoul, **Balamand University**
“Assessment of Seismic Damage in Resilient Byblos city”
Dr. George Mitri, **Balamand University**
“Experience from Forest Fire Risk Mapping”
- 11:45 a.m. PEER Project Team Presentation
Dr. Grace Abou Jaoude, **Lebanese American University**
“Landslide Risk Index Mapping for Lebanon using a Multi-Modal Approach”
- 12:30 p.m. Q&A Session and closing remarks
- 01:00 p.m. Lunch