



*A Dynamic Integrated Model for Disaster Management
and Socio-Economic Analysis*

Workshop on

***Modeling Urban Resilience in the
Aftermath of the Haifa Fire***



Thursday 2nd February 2017

Room 3610, Department of Geography, Hebrew University of Jerusalem,
Mt Scopus, Jerusalem



Participation is free but requires prior registration via mail sarita@savion.huji.ac.il
or telephone 02-5881292 until 25.1.17

Program

Session 1: 10:00-12:00

A Comprehensive Approach Towards Earthquake-Related Casualty Modeling,
Stav Shapira, Ben Gurion University

Medium Term Dynamics of Urban Resilience: The Case of the Labor Market after an Earthquake,

Yair Grinberger and Daniel Felsenstein, Hebrew University of Jerusalem

Gauging Urban Resilience Using Social Media Analytics,
Dmitry Leykin, Mooli Lahad and Limor Aharonson-Daniel, Ben Gurion University

Analysis of Building Damage Mapping Technique Using Seismic Fragility Functions: A Case Study of the 2016 Mw 7.0 Kumamoto Earthquake,

Luis Moya, IRIDeS, Tohoku University, Japan

Urban Resilience and the Identification of Disaster-Affected Populations: An Algorithm for the Spatial Allocation of Socio-Economic Data,

Daniel Felsenstein and Peleg Samuels, Hebrew University of Jerusalem

Lunch Break: 12:00-13:30

Session 2: 13:30-15:30

Lessons of Tsunami Evacuation Behavior and Simulation Models to Support Evacuation Planning,

Erick Mas, IRIDeS, Tohoku University, Japan

Evaluation of Tsunami Evacuation Time Using a Deterministic Model,

Emri Brickner, Michelle E. Portman, Amos Salamon and Pnina Plaut, Technion-Israel Institute of Technology and Geological Survey of Israel

Modeling Multiple Ignition Scenarios for Assessment of Firefighting Strategies,

Yonatan Shaham, Tel Aviv University

Transportation Planning for Emergency and Rehabilitation: Estimating the Role of the Transportation System in Population Resilience,

Guy Keren, Hebrew University of Jerusalem

Remote Sensing of Wildfires and the Importance of the Wildland-Urban Interface,

Noam Levin, Hebrew University of Jerusalem

