ISTOS

(952300)

VIRTUAL TRAINING 2:

Vulnerability Analysis, space and time dependencies

Date: **Tuesday, 14/06/2022**

Time: **10:00 – 16:40 Athens time**

Zoom link: https://authgr.zoom.us/j/98262398181?pwd=UWdDNTN1cHpBdGM0UGw1ZTIzcGRWZz09

AGENDA

10:00 – 10:10	Welcome – Prof. Kyriazis Pitilakis, AUTH
10:10 – 10:40	General methodology for the development of fragility curves of buildings and infrastructures – Dr. Stella Karafagka, AUTH
10:40 – 11:40	Fragility and vulnerability curves of buildings and infrastructures (bridges, tunnels, pipelines, port structures etc.) based on SYNER-G, GEM, HAZUS etc. – Dr. Stella Karafagka, Dr. Christos Petridis, AUTH
11:40 – 12:10	Seismic exposure assessments on the base of Census data: BINC and SAVE procedures – Dr. F.L. Perelli, PLINVS
12:10 - 12:30	Break
12:30 - 13:00	Development of empirical fragility curves for ordinary buildings – Dr. F.L. Perelli, PLINVS
13:00 – 14:00	The impact of SSI and ageing effects to the development of fragility curves - Dr. Christos Petridis, Dr. Stavroula Fotopoulou, AUTH
14:00 – 14:30	Probability of interruption of escape routes due to earthquakes – Pr. Giulio Zuccaro, PLINVS
14:30 - 15:00	Break
15:00 – 15:40	General methodology for seismic and precipitation induced landslides - Dr. Stavroula Fotopoulou, AUTH
15:40 – 16:10	Combined vulnerability for multi-hazard (ground motion and landslides) - Dr. Stavroula Fotopoulou, AUTH
16:10 – 16:40	Fragility curves of buildings exposed to landslide, liquefaction and tsunamis hazard - Dr. Stella Karafagka, AUTH

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