



SOCIETATEA ROMÂNĂ DE
GEOTEHNICĂ ȘI FUNDAȚII



Universitatea Tehnică
de Construcții București



ΕΛΛΗΝΙΚΗ
ΕΠΙΣΤΗΜΟΝΙΚΗ
ΕΤΑΙΡΕΙΑ
ΕΔΑΦΟΜΗΧΑΝΙΚΗΣ
& ΓΕΩΤΕΧΝΙΚΗΣ
ΜΗΧΑΝΙΚΗΣ

Earthquake & Geotechnical Engineering

Romania - Greece Seminar

AGENDA March 27th, 2025

9 :30 – 10 :00 – *Welcome coffee*

10 :00 – 10 :15 – *Opening*

Prof. Loretta Batali – President SRGF

Prof. Radu Văcăreanu – Rector UTCB, President European Association of Earthquake Engineering

Dr. Michalis Bardanis – President Hellenic Society of Soil Mechanics and Foundation Engineering

10:15 – 11 :00 – Prof. Loretta Batali - *Evolution and perspectives in the geotechnical design according to the 2nd generation of Eurocode 7*

11:00 – 11:45 – Prof. Kyriazis Pitilakis - *Definition of seismic actions in the revised EC8 and implication in the seismic risk assessment*

11:45 – 12:30 – Prof. George Gazetas - *Foundation Design and Soil–Structure Interaction in the new EC8*

12:30 – 13:15 – Assist. Prof. Giorgos Belokas - *Ultimate Limit State Design Analysis of Foundations and Representative Strength of Soils in the new EC7*

13:15 – 14:00 – *Lunch break*

14:00 – 14:45 – Prof. Radu Văcăreanu - *Probabilistic seismic hazard assessment and calibration of elastic design spectra in Romania*

14:45 – 15:30 – Assoc. Prof. Cristian Arion - *Direct and proxy seismic site characterisation in Romania*

15:30 – 15:45 – Prof. Alexandru Aldea (UTC B), Florin Pavel (UTC B), Etienne Bertrand (Université Gustave Eiffel) - *UTC B site response based on 20 years of observation*

15:45 – 16:00 – Eng. Alexandra Ene – *Assessment of soils stiffness for small strains by in situ tests and correlations for sites in Bucharest*

16:00 – 16:15 – Assist. Prof. Anabella Coțovanu - *Local site conditions in hybrid strong ground motion simulation*

16:15 – 16:45 – *Discussions and closing*