

Soil amplification of seismic motion: The case histories of the Mexico City 1985 and 2017 disasters

Professor George Gazetas

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Seminar overview:

Located atop three of the large tectonic plates, Mexico is one of the world's most seismically active regions. The relative motion of these crustal plates causes frequent earthquakes and occasional volcanic eruptions. The seminar focuses on the case histories of the disasters in Mexico city in 1985, which caused over 10 000 deaths, and a near “repeat” of this earthquake in 2017.



<http://strangesounds.org>

Biography:

Professor George Gazetas obtained his undergraduate degree at the National Technical University of Athens, followed by a masters and PhD at Massachusetts Institute of Technology (MIT). He is currently a professor of soil mechanics and dynamics at NTUA. With more than 400 publications, Professor Gazetas research focuses on earthquake and foundation engineering. He is the current president of the Hellenic Association for Soil Mechanics & Geotechnical Engineering while he was the president of the Hellenic Society for Earthquake Engineering for 7 years.

When and where:

Tuesday, 20 March, 19:00

Ramsden Room, St Catharine's College

Queries:

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