

The Department of Engineering of the University of Sannio organizes the second cycle of lectures held by:

Prof. George Gazetas



4 Oct 2022 from 10.00 to 13.00 am

5 Oct 2022 from 10.00 to 13.00 am

Some Old and New Challenges in the Seismic Design of Geotechnical Systems

Main topics covered:

- ✓ Soil amplification: case histories
- ✓ Lessons learnt from observations after earthquakes
- ✓ Near-Fault phenomena and nonlinearity in earthquake geotechnics
- ✓ Seismic performance of gravity quay-walls
- ✓ Seismic sliding and the response of slopes and retaining walls.



Being part of the initiatives promoted by the Department of Engineering as Department of Excellence, the course is free of charge and is addressed to Master students, PhD students, researchers or external professionals. Lectures will be held **in person** at the Sant' Agostino Complex, Via G. De Nicastro 13, Benevento. To attend the lectures, please complete the registration form available at the following link: https://docs.google.com/forms/d/e/1FAIpQLSfikrxxXRYkPSw7H0AwZN8Gstk9ny3z5iTD8ZrvZARg5hf0qw/viewform?usp=pp_url

For further information and details, please contact prof. Stefania Sica (stefsica@unisannio.it)

George Gazetas



George Gazetas is Emeritus Professor of Geotechnical Engineering at the National Technical University of Athens, following an academic career in the US, where he taught at SUNY-Buffalo, Rensselaer (RPI), and Case Western Reserve University. His main research interests have focused on the dynamic response of footings, piles and caissons; the seismic response of earth dams and quay-walls; soil amplification of seismic waves; and soil-structure interaction. Much of his research has been inspired by observations after destructive earthquakes. An active writer and teacher, he has been a consultant on a variety of (mainly dynamic) geotechnical problems. Recipient of several awards for his research, he has delivered prestigious lectures including the “Coulomb” (2009), “Ishihara” (2013), and “Michele Maugeri” (2019) Lectures. He was the 59th Rankine

Lecturer in 2019, and has received the Excellence in University Teaching Award in Greece (2015).