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Katerina Ziotopoulou is a Professor in Civil and Environmental Engineering at the University of California, Davis and a licensed Professional Engineer in California. She received her 5-year diploma degree in Civil Engineering from the National Technical University of Athens (NTUA), Greece and her MS and PhD degrees in Civil Engineering from UC Davis. She specializes in geotechnical earthquake engineering with an emphasis on the investigation of ground failure due to earthquake-induced liquefaction and cyclic softening, and its mitigation. She combines the development of advanced numerical tools with multiscale experimental methods and data analytics, the establishment of validation protocols, and the upscaling to system-level analyses of case histories. She is passionate about teaching and mentoring undergraduate and graduate students. She has been honored with the ASCE Casagrande Professional Development Award, the National Science Foundation CAREER Award, the ISSMGE Young Researcher Award, and the ASCE Norman Medal.