

2022: Dr Katerina Ziotopoulou



Katerina Ziotopoulou is an Associate Professor in Civil and Environmental Engineering at the University of California at Davis (UC Davis). Prior to joining UC Davis, she served on the faculty of Virginia Tech. She received her PhD and MS degrees in Civil Engineering from UC Davis, and her undergraduate 5-year diploma degree in Civil Engineering from the National Technical University of Athens, Greece. Dr. Ziotopoulou 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, the establishment of validation protocols that connect the two, and the upscaling to system-level analyses of case histories accounting for the spatial variability of soil deposits. Dr. Ziotopoulou is the recipient of the 2021 Arthur Casagrande Professional Development Award of ASCE, the National Science Foundation CAREER Award, and the 2017 Greek International Woman in Science Award. She has been teaching undergraduate and graduate courses, and has been ensuring technology transfer to industry through numerous professional courses, workshops, and seminars.

<https://ziotopoulou.engineering.ucdavis.edu/>