

Dr. Panos Papanicolaou has received his Diploma in Civil Engineering from the National Technical University of Athens, in 1978. He pursued graduate studies at Caltech from where he has received the degrees M.S. (1979) and Ph.D. (1984).

Worked as a Post Doctoral Fellow and as a Research Engineer at Caltech (1/85-12/86), as a Research Engineer at U.C. San Diego – Institute for Nonlinear Science (1/87-7/90), and USC (8/90-12/90). He was a Researcher at the Chemical Engineering Department of the Aristotle University of Thessaloniki (1/91-2/92), and Managing Director of “HYDROSCOPE – Data Bank of Hydrologic and Meteorological Information”, in the Civil Engineering Department of the National Technical University of Athens (3/92-6-94). Adjunct Professor in the Department of Civil Engineering, University of Thessaly, (1/96-1/00), Assistant Professor (2/00-12/08) and Associate Professor (12/08-8/09). Currently he is a Professor at the National Technical University of Athens that he joined in 09/09. He is the author of 80 articles in periodicals and conferences, while his work has been cited 800/1450 times (Scopus/Google Scholar).

His research is focused in the areas of ‘Development and Implementation of Experimental Measuring Techniques for Fluid Dynamics’, ‘Environmental Fluid Mechanics’ and ‘Hydrologic Transport Processes’, including transport phenomena in density stratified flows. He is an expert in the design, implementation and application of laser-light based techniques for the momentum, mass, and scalar transport measurement in turbulent flows. He has also been a consultant for engineering analysis and design of large-scale, long-term, infrastructure hydraulic projects.