

CURRICULUM VITAE

Prof. Efrossini C. Kalkani

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University Studies and Degrees

- 2000 MBA Business School, San Jose State University, USA.
- 1980 MSc Geophysics, Stanford University, USA.
- 1975 PhD Civil Engineering, Purdue University, USA.
- 1972 MSc Civil Engineering, Purdue University, USA.
- 1966 Diploma in Civil Engineering, National Technical University of Athens, Greece.

Academic Positions in the USA

- 2002-2005 San Jose State University, San Jose, California, USA (taught the courses Hydraulic Design, Water Resources Engineering, Engineering Professional Issues).
- 2000-2002 School of Civil and Mining Engineering, University of Minnesota, Minneapolis, USA (taught the course Project Management and Economics).

Academic Positions in Greece

2005 – 2008 NTUA, Professor of “Hydropower Projects, Dams, Systems of Energy Production”, School of Civil Engineering, (teaching Hydropower, Hydraulic Structures and Dams, Introduction to Hydropower, Introduction to Energy Technology, Advances in Hydropower, and Dam Safety).

Professional Activities

- 1966-1971, 1975-1979, 1980-1995 Public Power Corporation of Greece, Civil Engineer holding positions in the Department of Construction, Department of Design, Department of Operation of the Direction for Power Generation.
- 2010-2014 Professional Civil Engineer in private practice, specializing in architectural, structural, and energy efficiency studies for buildings, Sevastoupoleos 50, Athens 11526, Greece.

Managerial activities

- 2008-2010 Director, Water Resources and Environmental Engineering Department, School of Civil Engineering, National Technical University of Athens, Greece.
- 1995-1998 Assistant Director (Economics and Finance), General Auditing Department, Public Power Corporation, Greece.

Teaching Activities

- Prof. Kalkani taught courses to classes of Undergraduate Students on 1) Hydropower, 2) Hydraulic Structures and Dams, 3) Introduction to Hydropower, 4) Introduction to Energy Technology, 5) Engineering Professional Issues, and 6) Project Management and Economics.
- Prof. Kalkani taught courses to classes of Graduate Students 1) Advances in Hydropower, 2) Dam Safety, 3) Water Resources Engineering, and 4) Hydraulic Design.

Editorial activities

- Professor Kalkani belongs/ed to the Editorial Board of the Journal Engineering Geology (Elsevier), Dam Engineering (Wilmington Press), World Transactions on Engineering and Technology Education (Melbourne-Wismar Press), and Global Journal in Engineering Education (Melbourne-Wismar Press).

Publications Teaching Books in Greek, Published by NTUA, Greece

- Hydropower Projects, 1984, Hydraulic Structures and Dams, 1985, Energy and Introduction to Hydropower, 1986 (in Greek).

Publications research papers and reports in Scientific Journals and Conferences

- More than 100 research papers published in Scientific and Engineering Journals and International Conferences.
- More than 100 engineering reports on the design, construction, operation, and economics of structures.