



- E10 Engineering Design and Analysis - lower division undergraduate course, University of California, Berkeley, 2007- 2010
- CE112 Environmental Design - capstone undergraduate course, University of California, Berkeley, 1995- 2011
- CE215 Environmental Process Laboratory - graduate course, University of California, Berkeley, 1987 - 2007
- E101 Fractals, Chaos and Complexity - upper division undergraduate course, University of California, Berkeley, 2000 - 2004

## PROFESSIONAL EXPERIENCE

- since 2007      **Institute of Advanced Studies on Sustainability,  
European Academy of Sciences and Arts (EASA)**  
member
- since 1983      **University of California, Berkeley**  
**Department of Civil and Environmental Engineering**  
Professor of Environmental Engineering  
*Research on physical sustainability, membrane bioreactors, kinetics of biological waste treatment and biological activities in drinking water, biofilms and fluidized beds, trickling filters and nutrients removal, ozonation and ozone contactors. Teaching undergraduate and graduate courses in water chemistry, wastewater treatment and water pollution control.*
- 1982 - 1983      **Warsaw Technical University**  
**Institute of Water Supply and Hydraulic Constructions**  
Senior Research Associate and Instructor  
*Research on kinetics of fixed film biological reactors. Teaching a graduate course in water treatment processes. Consulting to the industry on biological and chemical treatment of industrial wastewater.*
- 1979 - 1982      **University of Toronto**  
**Department of Civil Engineering**  
Ph.D. Candidate in Environmental Engineering Program  
*Research on nitrification in biological fluidized beds. Teaching Assistant for graduate and undergraduate courses in water pollution control and industrial wastewater treatment.*
- 1978 - 1979      **Warsaw Technical University**  
**Institute of Water Supply and Hydraulic Constructions**  
Research Associate and Instructor  
*Research on activated carbon adsorption. Teaching a laboratory course in water and wastewater treatment.*