

Expected Instructor Engineering 360.01

Fabian Hadipriono Tan

Department of Civil and Environmental Engineering and Geodetic Science
The Ohio State University, 2070 Neil Avenue, Columbus, Ohio 43210
(614) 292-8518 (work) and (614) 777-8127 (home)
hadipriono.1@osu.edu; tan.184@osu.edu

EXPERTISE

Areas: engineering safety, safety of construction and structures, system engineering reliability, crime prevention through environmental design, and forensic engineering.
Tools: fault tree analysis, fuzzy logic, artificial intelligence, and virtual reality.

DEGREES IN EDUCATION AND PROFESSIONAL REGISTRATION

Doctor of Engineering, University of California, Berkeley, 1982, Construction Eng. & Mgmt.
Master of Engineering, University of California, Berkeley, 1980, Construction Eng. & Mgmt.
Master of Science, University of California, Berkeley, 1978, Structural Engineering.
Engineer, Parahyangan University, Indonesia, 1973, Major Area: Civil Engineering.
Bachelor of Science, Parahyangan Univ., Indonesia, 1970, Major Area: Civil Engineering.
Professional Engineer, Ohio, 1984, License No. 48967

EXPERIENCE

Professor, Associate Professor, Asst. Prof., Vis. Asst. Prof.: Dept. of Civil Engineering, the Ohio State University, 1982-present.
Acting Instructor/Teaching Associate: University of California, Berkeley, 1981-82
Forensic Consultant: Numerous law firms in the US (1984-present),
Structural Consultant: U.S. Air Force Weapons Lab., Kirtland, New Mexico, summer 1986; General Electric Co., Calif., summer 1979-80. Ben C. Gerwick Consulting Co., Calif., summer 1981-82.
Director, Project Manager, and Project Engineer: international engineering projects: Leighton Australia-Indonesia Construction Inc., Mahkota-Ekman Sweden Inc., and numerous international engineering companies, 1965-77.

TEACHING, RESEARCH, AND SERVICES

Recent student teaching evaluation (2003-2006) averages **4.7/5.0**. Research funding sponsored by the NSF, NIOSH, NASA, and USDA. Over 250 publications, presentations, and reports to date. Established a Construction Laboratory for Automation and System Simulation (CLASS). Member of professional societies: ASCE, NSPE and ASME; editorial board member of several journals including ASCE.

AWARDS AND RECOGNITION

Special recognition – ASCE Tech. Council on Forensic Engineering, 1988, 2002, 2004.
Selected and Listed - Who's Who in America, since 2000, and Who's Who in The World, since 1988.
Grantee – Charles E. MacQuigg Student Award for Outstanding Teaching, 2003.
Fellow - American Society of Civil Engineers, since 1992.
Grantee • The Ohio State University College of Engineering Research and Teaching Award, 1989.
Grantee - The Lichtenstein Memorial Award for Faculty Excellence, 1989.
Fellow - Robert B. Rothchild Jr. Fellow, Univ. of California, Berkeley, 1982.
Fellow - Harry H. Hilp Fellow, University of California, Berkeley, 1981.

