

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

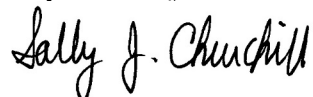
Armin W. Troesch, Ph.D., ABS Professor of Marine and Offshore Design Performance and professor of naval architecture and marine engineering in the College of Engineering, retired from active faculty status on December 31, 2022.

Professor Troesch received a B.S.E. degree in NAME from the University of Michigan in 1969. Following graduation, he became a design and project engineer at the Electric Boat Division of General Dynamics, Groton, CT. Returning to the University of Michigan in 1971, he received his M.S.E and Ph.D. degrees in NAME in 1972 and 1975, respectively. From 1976-1979, Professor Troesch was an assistant research scientist and lecturer in NAME. He became an assistant professor in 1980, associate professor in 1984, and professor in 1995. From 1980-1987, he was the director of the Ship Hydrodynamics Laboratory in West Engineering (now West Hall). Professor Troesch served as chair of the NAME department from 2003-2011 and was the ABS Professor of Marine Engineering and Offshore Design Performance in NAME from 2017 until his retirement. Through an IPA Agreement, from 1987-1988, he was a research associate at the David Taylor Naval Ship Research and Development Center, Bethesda, MD.

Professor Troesch is a fellow of the Society of Naval Architects and Marine Engineers (SNAME) and has held a professional engineer's license with the State of Michigan. He was awarded the prestigious SNAME David W. Taylor Medal for "Notable Achievement in Naval Architecture and/or Marine Engineering" and received best paper awards from both SNAME and the American Society of Naval Engineers. He received the CoE Teaching Excellence Award in 2002. His research interests have expanded over the years from initial work in slender body hydrodynamic forces to now include hydroelasticity, wave energy devices, nonlinear dynamics, seakeeping and vessel capsizing, planning hull dynamics, and extreme event analysis in design. The results of these efforts appear in more than 160 publications and are frequently co-authored with his students based on their M.S.E., professional degree, and Ph.D. theses. Two of his students' Ph.D. theses have received the University of Michigan's Rackham Distinguished Dissertation Award.

The Regents now salute this distinguished faculty member by naming **Armin W. Troesch, ABS Professor Emeritus of Marine and Offshore Design Performance and professor emeritus of naval architecture and marine engineering.**

Requested by:



Sally J. Churchill, J.D.
Vice President and Secretary of the University

July 2023