

Fred C. Dobbs

Professor, Department of Ocean, Earth and Atmospheric Sciences
Old Dominion University

Dr. Dobbs is a marine microbial ecologist who received his A.B. (Biology, Departmental Honors) from Franklin and Marshall College, his M.S. in Zoology from The University of Connecticut, and his Ph.D. in Oceanography from The Florida State University. Subsequently, he held institutional post-doctoral positions at the State University of New York at Stony Brook and at the University of Hawaii. In 1993, Dr. Dobbs joined the faculty at Old Dominion University and now is a Professor in the Department of Ocean, Earth and Atmospheric Sciences.

Dr. Dobbs' research, funded by the National Science Foundation, the National Oceanic and Atmospheric Administration, the Environmental Protection Agency, the Office of Naval Research, and the U.S. Coast Guard, addresses several areas in aquatic microbial ecology, with particular focus on a community-level approach to studies of infectious diseases and the microbial ecology of ships' ballast tanks.

Since 2001, Dr. Dobbs has been a member of the U.S. EPA ETV Ballast Water Technology Panel, administered by NSF International (under the Environmental Technology Verification program), the Environmental Protection Agency, and the U.S. Coast Guard. He serves on the Advisory Panel of the Marine Invasive Species Program, California State Lands Commission, and is a Science Team Member, Maritime Environmental Resource Center, University of Maryland. He served on both the 2010-11 U.S. EPA Science Advisory Board Panel on Ballast Water Treatment Technology and the National Research Council/National Academy of Sciences Committee on Ballast Water, the only individual to do so.