



JAMES CORBETT, Ph.D
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James J. Corbett, P.E., Ph.D. conducts technology-policy research related to transportation, including groundbreaking research on air emissions from maritime transport, energy and environmental impacts of freight transportation, and assessment of technological and policy strategies for improving goods movement. Dr. Corbett is a leading collaborator in a multi-university Sustainable Intermodal Freight Transportation Research (SIFTR) program. His current work on freight sustainability integrates more than a decade of sustainability research in large freight systems under the SIFTR program. SIFTR is an international research collaboration to improve the effective use of highway, waterway, railroad, and air transportation infrastructure. Co-directed by team partners at the University of Delaware and the Rochester Institute of Technology, SIFTR goals are to produce outstanding scholarly and applied resources that: i) improve collaboration among industry, universities, and agencies across jurisdictions; and ii) build interdisciplinary capacity to evaluate benefits of alternative ideas for sustainable goods movement. SIFTR is working with colleagues and partners across the nation to identify achievable targets for sustainable goods movement.

Dr. Corbett is a Professor in the College of Earth Ocean and Environment at the University of Delaware; he also holds a faculty appointment in Civil and Environmental Engineering in the College of Engineering. He is a principal partner in Energy and Environmental Research Associates, L.L.C. (EERA), based in New York and engaged in energy, environmental, and economic analysis for clients internationally. Dr. Corbett received his Ph.D. in Engineering and Public Policy (EPP) from Carnegie Mellon University, where he also earned M.S. degrees in the departments of EPP and Mechanical Engineering. His undergraduate work was in Marine Engineering Technology from the California Maritime Academy and he holds a California Professional Engineering License (Mechanical). Dr. Corbett's experience includes work as a licensed officer in the U.S. Merchant Marine, a Naval Reserve Engineering Duty Officer, and consulting for industry and government in industrial operations, energy and environmental performance. He has more than 120 publications related to shipping and multimodal transportation (37 peer-reviewed articles, 37 conference papers, 50 reports, and more than 10 book chapters or other publications). Dr. Corbett co-authored the 2000 *IMO Study on Greenhouse Gases from Ships*, the *Second IMO Greenhouse Gas Study 2009*, and wrote the *Marine Transportation and Energy Use* chapter in the 2004 Encyclopedia of Energy.