

JAMES J. CORBETT, JR.

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EDUCATION

Ph.D., Engineering and Public Policy, Carnegie Mellon University, Pittsburgh, PA, April 1999.

“An Assessment of Air Pollution and Environmental Impacts of International Maritime Transportation Including Engineering Controls and Policy Alternatives”

M.S. Mechanical Engineering, Carnegie Mellon University, Pittsburgh, PA, May 1998.

M.S. Engineering and Public Policy, Carnegie Mellon University, Pittsburgh, PA, May 1997.

B.S., Marine Engineering Technology, California Maritime Academy, Vallejo, CA, May 1985.

Professional Engineer, Mechanical, State of California (License No. M28238), 1993.

PROFESSIONAL EMPLOYMENT

Professor, School of Marine Science and Policy, College of Earth, Ocean, and Environment, University of Delaware, September 2009 – present.

Professor, Civil and Environmental Engineering, College of Engineering, UofD, Jan 2007 – Dec 2009.

Professor, School of Public Policy and Administration, College of Arts and Sciences, UofD, 2014 –2017/2018-2021.

Associate Director for Marine Policy Program, School of Marine Science and Policy, 2013-2018.

Interim Director, Marine Policy Program, College of Marine and Earth Studies, UofD, Sep 2007 – Aug 2008.

Associate Professor, College of Marine and Earth Studies, University of Delaware, Sep 2006 – Sep 2009.

Associate Professor, Civil and Environmental Engineering, University of Delaware, Sep 2006 – Sep 2009.

Principal, Energy and Environmental Research Associates, 2006- present.

Assistant Professor, Graduate College of Marine Studies, University of Delaware, August 2000 – September 2006.

Commissioned Officer, U.S. Naval Reserve, May 1985 – September 2001.

Post-Doctoral Research Engineer, Carnegie Mellon University, June 1999 – August 2000.

Graduate Researcher and Ph.D. Candidate, Carnegie Mellon University, August 1995 - June 1999.

Instructor, Undergraduate Research Ethics Seminars, Carnegie Mellon University, Fall 1997, Spring 1998.

Engineering Instructor, Carnegie Mellon Action Program (CMAP), Pittsburgh, PA, July - August 1996 and 1997.

Teaching Assistant, Introduction to EPP (19-101), Prof. Ed Rubin, Dept of EPP, Fall 1996.

Staff Engineer, Radian International LLC, Walnut Creek, CA, December 1990 – July 1995.

Stationary Engineer, Crystal Cream and Butter Company, June 1990 - December 1990.

Stationary Engineer, Department of Public Works, City of San Francisco, CA, June 1989 - June 1990.

Assistant Teacher of Physics (part time), Lick Wilmerding High School, June 1989 - June 1990.

Teacher, Math and Physics, St. Mary's College High School, Berkeley, CA, September 1987 - June 1989.

Oceangoing Third Assistant Engineer, Exxon Shipping Company, Houston, TX, January 1986 - August 1987.

Field Service Engineer, Westinghouse Corporation, Phoenix, AZ, June 1985 - January 1986.

PUBLICATIONS [ResearcherID.com](https://orcid.org/) lists 57 of 106 cited articles h -index=17, ~1005 total academic citations as of 31 Jan 2018; [Scopus.com](https://scopus.com/) lists 65 cited articles h -index=25, 2809 total academic citations as of 31 Jan 2018; [Google Scholar](https://scholar.google.com/) lists 145 documents h -index=35 (i -10 index=71), ~6353 citations as of 31 Jan 2018. *Summary*: 60 Peer-reviewed journal articles; 13 Book chapters or sections; 52 Conference papers; 89 Reports; 9 Other (Dictionary/Editorial pieces).

INVITED TALKS, WORKSHOPS AND CONFERENCE PRESENTATIONS More than 210, including more than 58 international venues; testified before United States Senate, Committee on Environment and Public Works

RESEARCH CONTRACTS Principal or co-principal investigator for contracts totaling more than \$2.7 Million.

ACADEMIC AND COMMUNITY SERVICE (selected examples) *College and University*: SMSP Director's Council, 2014-present; Executive Council of Delaware Environmental Institute, 2015-present; SMSP P&T Committee, 2009-2011, Chair 2010-2011; *Professional Practice*: Expert Steering Committee for IMO Fuel Oil Availability Review, 2015-16; TRB Committee on Reinvesting in Inland Waterways, 2013-2015; TRB Committee on Marine Environment, AW030, 2006-2013/2016-2019; TRB Committee on Transportation Energy, ADC70, 2008-2013; *Community*: Port of Wilmington Maritime Society Board 2010-2015; US Senate Testimony, Committee on Env. and Public Works, 2005.

COURSES TAUGHT AT UNIVERSITY OF DELAWARE MAST663 Decision Tools for Policy Analysis; MAST802 Case Study in Environmental Decision Making; MAST 865 Analytical Paper; CIEG467 Industrial Ecology; MAST662 Applied Policy Analysis; MAST873 Marine Policy Seminar; MAST817 Research Design and Methods; MAST664 Marine Transportation Policy; MAST679 Shipping and Port Management.

AFFILIATIONS National Society of Professional Engineers, American Geophysical Union, Transportation Research Board, World Tang Soo Do Association (E Dan), California State University Maritime 2017 Distinguished Alum