

Stacey A. Fineran, Ph.D.

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School of Environment and Natural Resources (SENR)
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EDUCATION

The Ohio State University, Columbus, Ohio (1996-2004)

Ph.D. in Environmental Science, 2003, Area of Specialization: Historical Landscape Ecology
Dissertation Title: Assessing Spatial and Temporal Vegetative Dynamics at Mentor Marsh, 1796 to 2000 A.D.

M.S. in Environmental Science, 1999

Thesis Title: Diversity and Disturbance in Plant Communities at Gahanna Woods State Nature Preserve, Franklin County, Ohio

University of Texas at Arlington, Arlington, Texas, 1990

B.S. in Civil Engineering

Selected coursework: hydrology: stream flow and groundwater modeling; analysis & design of water control systems; water and wastewater treatment processes and facilities design; transportation engineering (i.e., road design & traffic modeling); soil testing and stabilization; structural-steel and reinforced concrete design; foundation systems design; construction materials selection and testing; construction-site methods & management; and engineering economics and project management.

HONORS

Phi Kappa Phi, Academic Honor Society for Graduate Studies
Chi Epsilon, Civil Engineering Honor Society

PROFESSIONAL SOCIETY MEMBERSHIP:

International Association for Impact Assessment (IAIA)

SERVICE EXTERNAL TO UNIVERSITY

- Expert Volunteer for the International Union for the Conservation of Nature (IUCN), Commission for Ecosystem Management (CEM)
- Co-Chair, Climate Change Section, International Association for Impact Assessment (IAIA)
- Lead for Action Goal 2b Working Group: Liaise with Environmental Law Organizations (ELOs), Climate Change Action Plan, International Association for Impact Assessment (IAIA)

UNIVERSITY SERVICE

- Director for the Master of Environment and Natural Resources (MENR) professional master's program
- Director for the Graduate Certificate in Environmental Assessment program
- Graduate Studies Committee (GSC) as MENR Director

TEACHING INTERESTS

Environmental Impact Assessment: US and International EIA theory and practice; Environmental Science; Energy Science and Policy; Energy technologies and energy infrastructure; Systems Thinking; Landscape Ecology; Restoration Ecology; Nature-based Solutions (NbS); Disaster Risk Reduction (DRR); Ecosystem-based Adaptation for Climate Change (EbA); Vulnerability and Impact Assessment (VIA); IUCN Red-list of Ecosystems (RLE) assessment, NbS in a Humanitarian Context.

TEACHING EXPERIENCE

Instructor:

ENR 5210 US Environmental Impact Assessment

This course covers the three components of Environmental Impact Assessment as developed and practiced within the US: (1) the legal and institutional framework; (2) the EIA process; and (3) the practice and performance of EIA, as demonstrated through selected case studies at both the federal and state-level. Open to graduate and undergraduate (junior or senior standing) students.

Instructor:

ENR 5211 International Environmental Impact Assessment

This course covers Environmental Impact Assessment in an international context, specifically EIA as practiced by nation states, International Financial Institutions (IFIs), and International Governmental Organizations (IGOs). Case studies of global environmental significance are used to engage students to better understand international frameworks for environmental management, economic development and addressing the climate change and the biodiversity crises using innovative forms of EIA. Open to graduate and undergraduate (junior or senior standing) students.

Co-Instructor, Co-developer (cross-listed ENR/Earth Science):

ENR/ES 2155 (NR/ES 155) Energy & Environment

This course covers the fundamentals of energy science, energy measurement, energy technology, energy infrastructure, and energy policy. Open to undergraduate students as a university General Education (Gen Ed) course.

Instructor:

ENR 7191 Master of Environment and Natural Resources (MENR) Internship

This course manages the mandatory internship required for all professional practice master's degree students in the School of Environment and Natural Resources. It provides 3 paths for completing the internship: in-career, traditional, and volunteer-based experiences.

Instructor:

ENR 7981 Master of Environment and Natural Resources (MENR) Seminar

This course manages the mandatory seminar experiences required for all professional practice master's degree students in the School of Environment and Natural Resources.

Instructor:

ENR 4900.01 Environment and Natural Resources Management

Offered as a capstone course for SENR's Environmental Science (ES) and Environmental Policy & Decision-Making (EPDM) undergraduates.

Instructor:

ENR 2100 Introduction to Environmental Science

An introduction to the fundamental principles of environmental science, including the fundamental concepts of ecology, evolution, earth energy budgets, and biogeochemical cycles. Human impact to the environment is introduced, with special emphasis on climate change and landscape alteration. Open to undergraduate students as a university General Education (Gen Ed) course.

RECENT PUBLICATIONS:

Nita, Andreea, Stacey Fineran, and Laurentiu Rozyłowicz. 2022. Researchers' perspective on the main strengths and weaknesses of Environmental Impact Assessment (EIA) procedures. *Environmental Impact Assessment Review*. 92:1-10.

PREVIOUS PROFESSIONAL PRACTICE EXPERIENCE and SERVICE:

Civil engineer in environmental consulting.

Expert Witness for the Ohio Attorney General's Office.