

## **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 (1996-2003)

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 techniques; 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-Lead for the International Association for Impact Assessment (IAIA), Climate Action Plan Working Group, Action Goal 2b: Liaise with Environmental Law Organizations (ELOs)
- Expert Witness for the Ohio Attorney General's Office.
- Member of Expert Panel assisting the Ohio EPA, Division of Surface Water, to revise "Coldwater Habitat" aquatic life use designation and standards of evidence for making a use designation.

### **UNIVERSITY SERVICE**

- MENR Director for the Master of Environment and Natural Resources (MENR) professional master's program.
- Director for the Graduate Certificate in Environmental Assessment program.
- Permanent member of the 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); Ecosystem-based

Disaster Risk Reduction (Eco-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.

#### SELECTED TRAININGS AND WORKSHOPS:

- **Environmental risk screening: A training session on tools used by the finance sector** – IUCN, September 5, 2021
- **Conducting Impact Assessment for World Heritage** – IUCN, September 5, 2021

- **Red List of Ecosystems (RLE)** online course – Deakin University, Melbourne, Australia (in-progress).
- **Nature based Solutions 2-day workshop**, November 2020
- **International Student Experience** training series, Office of International Affairs, Ohio State University.
- **United Nations Environment Programme (UNEP), Partnership for Environment and Disaster Risk Reduction (PEDRR), International Science-Policy Workshop**. United Nations Campus, Bonn, Germany.
- **Michael V. Drake Institute for Teaching and Learning, Teaching Support Program**, Completed Teaching Practices Inventory (TPI).
- **Biodiversity Impact Assessment -Special Symposium: Mainstreaming the Mitigation Hierarchy in Impact Assessment, Inter-American Development Bank (IADB), Washington DC.** “A forum for sharing and advancing leading practice in mitigation hierarchy implementation for biodiversity and ecosystem services to improve outcomes for society, conservation, business, and finance.”
- **The Biodiversity Consultancy (UK) and Blue Dot Biodiversity (UK) Training, Inter-American Development Bank (IADB), Washington DC.** An introductory to intermediate level master class covering use of avoidance and minimization in the mitigation hierarchy for improved outcomes for biodiversity conservation.
- **Farm Sanctuary Workshop, Watkins Glenn, New York.** Workshop for farm animal sanctuary management and operations to promote and support animal welfare.
- **International Association for Impact Assessment (IAIA) Montreal, Canada.** Training for Human Rights Integrated Impact Assessment provided by the Danish Institute for Human Rights and the Community Insights Group (CIG). An intermediate level master class covering human rights issues associated with large international projects. Course principles based on the United Nations Guiding Principles on Business and Human Rights.
- **2nd National Energy Education Summit (CEREL, NCSE)** – American University, Washington, DC.
- **Course Design Institute (CDI)**, Ohio State University. Course Design Training.
- Advisory Council on Historic Preservation (ACHP), **National Historic Preservation Act (NHPA), Certification for Section 106 compliance** training, Washington, DC.
- **40-Hour HAZWOPER** Certification Training

#### RECENT PRESENTATIONS:

- IAIA “Think Big: A Cleaner Greener COVID-19 Recovery” webinar series and panel discussion (Nov 2021)
- 41<sup>st</sup> Annual Conference of IAIA: Confidence in Impact Assessment: Policies, Partnerships, and Public Involvement, Vancouver, Canada (May 2022)
- HUSZPO “Environmental Assessments and the European Green Deal ’22”, Vodice, Croatia (September 2022) – coauthor presented.

#### 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:

Civil engineer in environmental consulting.