



Graduate Associate Positions Available: The Environmental and Social Sustainability Lab

The [Environmental and Social Sustainability Lab](#) in the School of Environment and Natural Resources at The Ohio State University is seeking high-quality MS and PhD applicants to begin graduate studies during the 2023-2024 academic year. Our curriculum includes foundational training in relevant theoretical areas (e.g., sociology, psychology, political science, communication, human geography) and related research methods and statistics. Our students and faculty engage in research within the U.S. as well as international settings with emphasis spanning both theoretical advancement and application. Our recent graduates have been offered positions in academic and applied settings (e.g., government agencies, nongovernmental organizations).

Commitment to Diversity and Inclusion: Ohio State values diversity in people and ideas. We're an inclusive, supportive community where you can comfortably join in or confidently stand out. Please join us!

Several graduate student positions are available in Environmental Social Sciences within the topic areas below. **The potential for funding varies by project / associated faculty member.** You are strongly encouraged to learn more by visiting our website and individual faculty webpages and then directly contacting faculty before applying to the Graduate School.

1. **Environmental policy and agricultural decision-making:** Projects examine the interactions between environmental policy, individual land use/management decisions, and physical landscape outcomes. Examples include:
 - a) Examining how farmers adapt to changing climate and economic conditions, and the impact of those changes on both crop production and ecosystem services (biodiversity, water quality, etc.), with a focus on identifying policies that maximize sustainability and resilience in the eastern corn belt and Great Lakes region. *Faculty advisors:* [Dr. Douglas Jackson-Smith](#).
 - b) Examining the development of rural identity, the influence of rural identity on decisions (e.g., support for environmental policies, adoption of conservation behaviors, land use decision-making etc.) and the evolution of this identity within areas of social and environmental change. *Faculty advisors:* [Dr. Eric Toman](#) or [Dr. Jeffrey Jacquet](#)
 - c) Examining the impacts of more engaged and participatory approaches to agricultural research on farmer adoption of conservation practices and agri-environmental outcomes: *Faculty advisor:* [Dr. Douglas Jackson-Smith](#).

2. **Social and Economic Well Being in Agriculture:** Projects explore the social sustainability of farmers, farm families, farm businesses and rural communities.
 - a) Examining farm stress, farm entry/intergenerational transitions, community and economic development through food and agriculture, and access to childcare and health care by rural and farming populations. *Faculty advisors:* [Dr. Douglas Jackson-Smith](#) or [Dr. Shoshanah Inwood](#).
 - b) Examining social and economic dimensions of integrated crop-livestock farms and agroecological management systems, and their impacts on the resilience of farming and food systems. *Faculty advisor:* [Dr. Douglas Jackson-Smith](#).
 - c) Examining food systems resilience in disasters, disruptions and emergencies. *Faculty Advisor:* [Dr. Shoshanah Inwood](#).



3. **Psychology of sustainable consumption:** Projects examine social, cognitive, and affective factors involved in promoting a variety of pro-environmental behaviors. Examples include:
 - a) Investigate role of [interpersonal interactions](#) in energy use and other consumer choices. *Faculty advisor:* [Dr. Nicole Sintov](#). Joint work with [Dr. Grant Donnelly](#) of OSU's Fisher College of Business.
 - b) Examine influences of [identity and individual differences](#) on transportation behavior (e.g., [electric car adoption](#)). *Faculty advisor:* [Dr. Nicole Sintov](#).
 - c) Examine behavioral spillover in product lifecycle / waste management (e.g., alternative sequencing of packaging/product/disposal choices to [eliminate end-of-life plastics](#)). *Faculty advisor:* [Dr. Nicole Sintov](#).

4. **Collaborative and adaptive governance in environmental policy:** Projects study how policy stakeholders (governmental and non-governmental actors) engage in collaborative behavior to tackle environmental problems that result from excessive, improper, or controversial use of common-pool resources. Examples include:
 - a) Examining the creation and evolution of institutions designed to protect water access and quality in freshwater bodies in the U.S., South America, and East Africa. *Faculty advisors:* [Dr. Ramiro Berardo](#) or [Dr. Matt Hamilton](#).
 - b) Evaluating how environmental policy is designed and implemented in the U.S., from passage of bills into law in congress to rule design by federal and state environmental agencies, regarding topics such as climate change and water quality protection. *Faculty advisor:* [Dr. Ramiro Berardo](#).
 - c) Evaluating how political and biophysical risk shapes social interaction in collaborative governance settings. Projects focus on study systems in which environmental and/or demographic change amplifies hazard conditions (e.g., fire-prone landscapes in the western U.S.). *Faculty advisor:* [Dr. Eric Toman](#).
 - d) Studying how social and cognitive processes shape local environmental decision-making, through analysis of community-level wildfire risk planning processes. *Faculty advisor:* [Dr. Matt Hamilton](#).
 - e) Understanding how policy actors create and sustain collaborative processes in complex governance systems with multiple decision-making forums to prevent the unsustainable use of natural resources. *Faculty advisor:* [Dr. Ramiro Berardo](#).
 - f) Understanding how social processes, local advocacy groups and landowners can influence the siting and development of renewable or non-renewable energy resources. *Faculty advisor:* [Dr. Jeffrey Jacquet](#)
 - g) Understanding how the energy transition away from fossil fuels and towards renewable energy can impact communities and residents in rural and urban areas. *Faculty advisor:* [Dr. Jeffrey Jacquet](#)

5. **Human-wildlife interactions:** Projects examine the socio-psychological factors (e.g., values, wildlife value orientations) that influence human thought about wildlife and/or wildlife conservation and management decisions. *Faculty advisors:* [Dr. Alia Dietsch](#)

6. **Public lands and visitor use management:** Projects support decision-making related to management of visitors on public lands (e.g., national wildlife refuges, parks, or forests; state or local metro parks), including a nation-wide assessment of visitors to National Wildlife Refuges funded by the U.S. Fish and Wildlife Service to understand visitor satisfaction with



current refuge offerings and predict future recreation demand given changing social-ecological conditions (go.osu.edu/NVSresults). *Faculty advisor:* [Dr. Alia Dietsch](#).

7. **Social and environmental inequality:** Projects investigate how social processes create and sustain environmental inequalities (e.g., by race and class), and/or how unequal exposures to natural resources are linked to various disparities (e.g., health outcomes, careers). *Possible faculty advisors:* [Dr. Alia Dietsch](#) or [Dr. Jeffrey Jacquet](#). Example projects include:
 - a) Exploring how recreational access differs by race and class, and what that access (or lack thereof) means for the future of the environment and natural resource profession. *Faculty advisor:* [Dr. Alia Dietsch](#).
 - b) Investigating social and environmental inequalities in or relating to the criminal justice system. *Faculty advisor:* [Dr. Alia Dietsch](#).
 - c) Understanding how electric vehicle adoption and the electrification of transportation infrastructure may impact social and economic inequality. *Faculty advisor:* [Dr. Jeffrey Jacquet](#)

8. **Nature and Sustainability for Individual, Family, and Community Well-being.** Projects explore the relationship between human well-being, environmental and community change, and the built and natural environment in both urban and rural contexts in the U.S. and internationally. There is a focus on experiences and impacts across the lifespan, particularly from early childhood through young adulthood. *Faculty advisor:* [Dr. Kristi Lekies](#) or [Dr. Jeff Sharp](#).

9. **Environmental education:** Projects focus on urban learning ecosystems through design-based research that explores questions of environmental interest development across formal-informal-home learning experiences, environmental identity development throughout the lifespan, and human-more-than-human relations. Projects are developed collaboratively with youth, educators, and community partners through research-practice partnerships. Work is guided by a commitment to leveraging cities' natural and cultural diversity to support just and equitable learning and thriving multispecies communities. *Faculty advisor:* [Dr. Marijke Hecht](#).

10. **Economics of natural resources management and policy:** Projects in this area include analysis of stakeholder behavior, political economy of environmental policy, and natural resources sector modeling. *Faculty advisor:* [Dr. Sayeed Mahmood](#). Example projects include:
 - a) Econometric models of woodland owner decision making behavior.
 - b) Analyzing the adoption and implementation of major environmental policies from a political economy/public choice perspective.
 - c) Analyzing structural characteristics of the forest products sector.
 - d) Analyzing natural resource dependence of communities, states, and nations.

Qualifications: Applicants should have a record of academic excellence (preferred GPA of 3.56). Strong oral and written communication skills are required. *Preferred, but not required qualifications include:* demonstrated coursework in social science theories, and/or research and writing experience using quantitative (e.g., survey/experimental design, multivariate statistics) and/or qualitative (e.g., interviews, focus groups, and analysis) methodologies.



Support: Qualified students will be considered for college and university fellowships, research associateships, and/or teaching associateships. Positions include a stipend of \$21K+ per year plus tuition payment and health benefits.

To Apply: Prospective applicants are encouraged to reach out to individual faculty before applying. You may submit an online application to Environment and Natural Resources at gpadmissions.osu.edu, including a statement of purpose (with a description of interest areas and relevant faculty), CV, and email addresses for 3 references. Send transcripts to Ohio State. To receive full consideration for **potential** funding, all materials must be received no later than December 1, 2022. For full details on application requirements, see senr.osu.edu/graduate/admissions.