

Azmiri Jalil, M.Sc.
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EDUCATION

M.Sc., Environment and Natural Resources **2022-2024**

School of Environment and Natural Resources

The Ohio State University

Specialization in Environmental Social Science

Advisor: Dr. Robyn S. Wilson

Thesis: Peer-to-Peer Networks and Agricultural Conservation

B.Sc., Soil, Water and Environment **2016-2019**

University of Dhaka, Bangladesh

Advisor: Dr. Md. Mahbubur Rahman

Project: Medical Waste Management in Dhaka

PROFESSIONAL EXPERIENCE

Intern- CT Soil Health Action Plan, July 2024 – Present

Connecticut Council on Soil and Water Conservation

- Editing and organizing existing content on Connecticut Soil Health Action Plan.
- Drafting written content, including executive summaries, policy recommendations, and educational materials.
- Participating in meetings for weekly check-ins with the supervisor to discuss progress and deadlines for each section of the plan
- Coordinating with section authors on Soils and Climate Change, Soils and Water, Soils and Food Security, Soils and Environmental Justice, and Soil Health Action Across Landscapes (including agricultural lands, forests, wetlands and subaqueous lands, recreational spaces, and developed lands).
- Working closely with the Connecticut's Conservation Districts, Connecticut Resource Conservation & Development (RC&D), USDA Natural Resource Conservation Service (NRCS), USDA Farm Service Agency (FSA), Connecticut Department of Agriculture, Connecticut Agricultural Experiment Station, and Working Lands Alliance.

Researcher, May 2024 – Jan 2025

Wilson Environment, Risk and Decisions Lab (WERD-L), Ohio State University

- Drafted scientific manuscripts on the role of peer-to-peer learning in promoting conservation for publication.
- Prepared comprehensive technical reports for The Nature Conservancy's Farmer Advocate for Conservation program, presenting qualitative findings and detailed analyses from evaluation surveys to support practitioner engagement strategies and peer learning program development.
- Mentored undergraduate research assistants in qualitative and quantitative research methods, including data entry, setup, cleaning, statistical analyses, and creating figures and summaries for reports.

Graduate Research Associate, August 2022 – May 2024

Ohio State University, Columbus, OH

- Studied the effectiveness of peer-to-peer learning networks in encouraging conservation adoption among farmers in the Western Lake Erie basin. These networks focus on engaging potential middle adopters – i.e., farmers who have expressed interest in conservation practices but have not yet fully implemented them.
- Conducted focus groups, qualitative coding in MAXQDA, and survey analysis in SPSS.
- Drafted academic manuscript for publication (in review) and research report.
- Collaborated with a variety of stakeholders including farming experts, outreach project managers, soil and agriculture specialists, scientists, extension and outreach professionals, and conservation practitioners to better support farmers in achieving conservation outcomes.

Graduate Teaching Associate, Aug 2023 – May 2024

Ohio State University, Columbus, OH

Courses: Society and Natural Resources (ENR 2300) and Recreation Management on Public Lands (ENR 3600)

- Graded assignments, provided detailed feedback to students on writing assignments, held office hours to address students' questions and concerns about course content.
- Responsible for a class of 49 students (ENR 2300) and 60 students (ENR 3600).

Intern, May – July 2022

Centre for Climate Change and Environmental Research, BRAC University, Dhaka, Bangladesh.

- Provided generalist support for project management and research.
- Supported setting up systems for internal monitoring and assessment of the projects, and results communication.
- Provided technical support for organizing sessions, handling logistics, and troubleshooting during meetings, workshops, and seminars.
- Drafted research reports, consultation reports and technical proposals (proposed methodology, approach and implementation plan).
- Worked closely with different groups of people—such as government officials, local representatives, academics, and journalists—on various issues related to climate change. The collaboration focused on understanding and addressing climate risks and vulnerabilities, particularly in sectors like coastal zones, agriculture, water resources and rural livelihoods. Together, we explored to identify potential adaptation strategies that could be implemented in the short, medium, and long term to help these sectors cope with the impacts of climate change.

Assistant Coordinator of Environmental Education, Jan – July 2022

Youth Environment and Social Development Society (YESDS), Dhaka, Bangladesh. [Remote work]

- Facilitated tasks between other coordinators/assistant coordinators and worked closely with other leads of the Environmental Education and Capacity Building Working Group.
- Organized and prepared environmental education materials for capacity and skill development sessions, workshops, and webinars.
- Designed and conducted skill development sessions, workshops, and webinars on climate change impacts, biodiversity loss, and science education.
- Designed social media educational materials including posters and infographics.

SERVICE & LEADERSHIP

Academic Affairs Committee Member, Aug 2023 - May 2024. SENR graduate student council (GradRoots).

Environment & Natural Resources Delegate, Aug 2023- May 2024. OSU Council of Graduate Students.

Student Assistant, Aug 2022- May 2024. OSU Environmental Professionals Network (EPN).
Food Pantry Volunteer, Aug 2022-May 2024. Neighborhood Services Inc (NSI) in Columbus, Ohio.

TECHNICAL SKILLS

- Statistical Package for the Social Sciences (SPSS): Descriptive statistics, parametric and non-parametric statistics (Kruskal-Wallis, Mann-Whitney U, chi-square)
- Qualtrics: Survey design and distribution
- MAXQDA: Qualitative analysis
- Data Management: Data entry, cleaning, and organization; database management tools (e.g., Excel, SPSS, R).
- Writing and Reporting: Scientific manuscript drafting, technical report writing, creating data visualizations (e.g., graphs, charts).
- Microsoft Office Suite
- Geographic Information System (GIS) software (e.g., ArcGIS, QGIS)

REFERENCES

Lilian Ruiz
Executive Director
CT Council on Soil and Water Conservation
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