

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES

EXTENSION RESOURCES DIRECTORY



Connecting
The Ohio State University
to Ohioans



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

210 Kottman Hall
2021 Coffey Rd.
Columbus, OH 43210-1085
(tel) 614.292.2265
<http://senr.osu.edu>

Director's Welcome

I am delighted to share this directory of the School of Environment and Natural Resources' Extension and Outreach faculty, professionals and signature programs. Since our founding in 1968, the School has been a statewide leader in environmental and natural resource education, research and Extension/outreach. At its core, the School believes that complex science and management questions require an interdisciplinary perspective and the School's faculty and staff represent a diversity of expertise which often works together in creative and innovative ways. We have depth of faculty and staff expertise in fields such as wildlife, forestry, water science/aquatic ecology, soil science, environmental social science and rural sociology.

While this directory presents the School faculty with explicit extension or outreach responsibilities, there are many more faculty and research staff in our School who also work with Extension educators and various stakeholders who can also be called upon. We maintain a collection of impact statements that describe the activities across the three mission areas that provide further insight into the resources and expertise we have available to share. See <https://go.osu.edu/senrimpact2019>.

The School looks forward to our continued work with OSU Extension and we hope that this directory helps to strengthen that partnership. Please contact us at SENRR@osu.edu if you have further questions for us or feel free to contact me directly (sharp.123@osu.edu).

Thank you,

A handwritten signature in black ink, appearing to read 'J. Sharp'.

Jeff Sharp, PhD
Director, School of the Environment and Natural Resources
The Ohio State University

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Anne Baird, Program Director

Extension Appointment: Ohio Certified Volunteer Naturalist

Contact Information (tel) 614.292.8603 • baird.41@osu.edu



Website(s): <https://ocvn.osu.edu/>

EDUCATION

- BA Biology, Capital University
- MA Science Education, The Ohio State University
- PhD Agricultural Communication, Education, and Leadership, The Ohio State University

EXPERIENCE

Anne currently leads the Ohio Certified Volunteer Naturalists program. She enjoys collaborating on the development of environmental education programs for adults and youth. Prior to working with OSU Extension in the School of Environment and Natural Resources Anne worked as a chemist for the City of Columbus Division of Water.

EXTENSION PROGRAM/RESEARCH/TEACHING

Extension Programs:

Ohio Certified Volunteer Naturalist (OCVN) program
The Ohio Certified Volunteer Naturalist (OCVN) program includes a 40-hour education course on Ohio's environment and natural resources, annual certification, and on-going continuing education.

Research:

My research has focused on understanding experiences and knowledge of stream side landowners on watershed health and the core competencies needed by water managers through qualitative methods.

Teaching:

I have assisted SENR graduate students as a graduate committee member and intern supervisor.



AREAS OF EXPERTISE

Environmental education program design and delivery

FEATURED WORKS

Websites:

The Ohio Certified Volunteer Naturalists program:
<https://ocvn.osu.edu/>

Webinars:

Taking Flight with Citizen Science 2020 Video
Conference series:
<https://ocvn.osu.edu/training-opportunities-experience-and-credit-hours>

Publications:

Koundinya, V., Baird, A., Klink, J., Wolfson, L., Frankenberger, J., Bonnell, J., and R. Power. (2018). "Core Competencies for Successful Watershed Management Practitioners." Journal of Extension. Vol. 56, no:1.
<https://www.joe.org/joe/2018february/rb1.php>





Eugene Braig, Program Director

Extension Appointment: 80% Extension, Aquatic Ecosystems

Contact Information (tel) 614.292.3823 • braig.1@osu.edu

in <https://www.linkedin.com/in/eugenebraigiv/>

Website(s): <https://senr.osu.edu/our-people/eugene-c-braig-iv>

EDUCATION

Eugene completed his BS in environmental education at the School of Natural Resources in 1991. He returned to finish his MS in fisheries management in 1999.

EXPERIENCE

Eugene coordinated the field activities of the SENR's fisheries management program as a research associate 1999–2004. He served as Assistant Director to the Ohio Sea Grant College Program, F. T. Stone Laboratory, the Center for Lake Erie Area Research, and the Great Lakes Aquatic Ecosystem Research Consortium 2004–2011. He's held his current position, Program Director for Aquatic Ecosystems Extension (i.e., often realized as the state's "pond specialist"), since 2012. Eugene is active with many organizations and advisories, holding leadership roles with the Ohio chapters of the American Fisheries Society and the Ohio Association of Natural Resource Extension Professionals, the Water Management Association of Ohio (WMAO), the Ohio Lake Management Society, the North American Lake Management Society, the Olentangy State Scenic River Advisory Council, the Mississippi River Basin Panel (a regional advisory to the national Aquatic Nuisance Species Task Force), and others. He serves as faculty advisor to student organizations TerrAqua (an OSU affiliate of WMAO) and the Bass Fishing Club at OSU.

EXTENSION PROGRAM/RESEARCH/TEACHING

Eugene programs on the management of recreational fisheries, ponds/lakes as aquatic habitats, and to mitigate issues associated with aquatic invasive species (AIS). He coordinates the Ohio AIS Committee, an informal advisory to the Ohio Department of Natural Resources' Division of Wildlife. He is a frequent presenter at pond clinics collaboratively organized by Soil and Water and Extension offices and as a guest instructor for Ohio Certified Volunteer Naturalist programs. He also offers pond/lake management programs for diverse clientele: municipalities, park systems, school systems, homeowners associations, consultants, The Wilds, etc. Recent research projects have involved pond management practices and their relation to fisheries, outreach to help residents monitor and manage small lakes, underwater light environment effects on fish response to fishing lures, and developing outreach programming regarding AIS and harmful algal blooms. Eugene teaches Fisheries Management (ENR 4342), workshops at Stone Lab on both the fish-sampling techniques of state agencies and the Hazard Analysis and Critical Control Point process to reduce the risk of spreading invasive species through field activities, and co-teaches Larval Fish Identification (EEOB 5970). Eugene will serve as Ohio State's Contact with the North Central Region Water Network beginning fall 2020.



AREAS OF EXPERTISE

- Recreational fisheries management
- Pond/Lake management and applied limnology
- Fish identification
- Larval fishes
- Aquatic ecosystems
- Aquatic plants and algae
- Aquatic invasive species
- Harmful algae blooms

FEATURED WORKS

Books:

- Ohio field guide to aquatic invasive species
- "Aquatic life" in the Ohio Certified Volunteer Naturalist training manual

Fact sheet:

- Harmful algal blooms in Ohio waters

Program Websites:

- Pond management and aquatic ecosystems: <https://senr.osu.edu/extensionoutreach/ponds-fisheries-aquatics>
- Pond/Lake listserv: <https://lists.osu.edu/mailman/listinfo/pond-management-news>
- Ohio Aquatic Invasive Species Committee: <https://senr.osu.edu/extensionoutreach/ponds-fisheries-aquatics/aquatic-invasive-species-committee>
- Weekly open "clinic": <https://senr.osu.edu/extensionoutreach/ponds-fisheries-aquatics/open-pond-clinic-zoom>



Joe Campbell, Director

Extension Appointment: Environmental Professionals Network

Contact Information (tel) 614.634.6363 • campbell.844@osu.edu

in <https://www.linkedin.com/in/joe-campbell-833567b/>

Website(s): epn.osu.edu

EDUCATION

- Ph.D. The Ohio State University, Rural Sociology, 2013
- M.S. The Ohio State University, Environment and Natural Resources, 2008
- B.A. University of Vermont, Environmental Studies and Sociology, 2006

EXPERIENCE

Dr. Campbell's interdisciplinary research, teaching and professional focus is on the balance between community development and natural resource management. He has conducted research across the United States on behalf of multiple federal agencies, including the U.S. Department of Agriculture, Environmental Protection Agency, the Office of Surface Mining, AmeriCorps*VISTA, and the Federal Reserve Bank of Cleveland as well as civil society groups including OSU Extension, American Society of Agronomy, and the Kettering Foundation. He's led applied, multidisciplinary research teams on studies of the impacts of energy development and regional planning in dozens of rural communities in the U.S. Midwest, Appalachia and Rockies, as well as Australia, Ghana, and Tanzania that have significant land use dedicated towards mining and/or agriculture. He served as a 2016-2017 U.S. Fulbright Scholar at the University of Dodoma, Tanzania (UDOM) where he taught undergraduate and graduate-level courses in rural sociology and development. He worked with multidisciplinary colleagues at UDOM to investigate the sustainability of water access project installations and effects on community well-being (health, education, social capital) and economic development in rural Tanzania. He has a passion for regenerative cultures and experiential learning opportunities that work through a lens of shared ethical development to inform their community development process.

EXTENSION PROGRAM/RESEARCH/TEACHING

- RURLSOC 4500: Asset-Based Community Development
- ENR 3500: Community, Environment, and Development



AREAS OF EXPERTISE

- Intergovernmental collaboration for economic development and natural resource management
- Rural development (international and domestic)
- Community leadership
- Water quality resource management
- Networking and community event facilitation

FEATURED WORKS

- "Collaborative Counties: Questioning the role of civil society." *Economic Development Quarterly*
- "Human Adaptations in Food, Energy and Water Systems." *Journal of Environmental Studies and Sciences, Special Issue on the Food, Energy, Water Nexus*
- "Climate Change and the Current and Future Impacts on Rural Community Agency and Institutions." *In the International Handbook of Rural Studies*
- "Residents' Perceptions toward Utility Scale Wind Farm Development." *Journal of Extension*
- "Partnering with Private Industry – Ground Rules for Working Together." *Journal of Extension*
- "Humanitarian Engineering at The Ohio State University: Lessons Learned in Enriching Education While Helping People." *International Journal for Service Learning in Engineering*
- "Does Collaboration Promote Grassroots Behavior Change? Farmer Adoption of Best Management Practices in Two Watersheds." *Society and Natural Resources*



Steve Culman, Associate Professor

Extension Appointment: State Specialist in Soil Fertility

Contact Information (tel) 330.263.3787 • culman.2@osu.edu



twitter.com/CulmanLab

Website(s): soilfertility.osu.edu

EDUCATION

- Ph.D. Agronomy, Cornell University (2008)
- M.S. Soil Science, Cornell University (2005)
- B.A. Biology, Thomas More College (1999)

EXPERIENCE

Steve Culman has been leading soil fertility, nutrient management and soil health outreach efforts since joining Ohio State in 2014. Previously, Steve worked as a postdoctoral researcher at the Kellogg Biological Station at Michigan State University and at the Agricultural Sustainability Institute and the Department of Land, Air and Water Resources at the University of California, Davis.

EXTENSION PROGRAM/RESEARCH/TEACHING

Extension

- Nutrient Management
- Fertilizer Recommendations
- Soil Testing and Soil Health

Courses Taught

- ENR 5270, Soil Fertility
- ENR 8600, Introduction to R for Environmental Sciences



AREAS OF EXPERTISE

- Soil Health Assessment
- Nutrient Management
- Soil Organic Matter Dynamics
- Perennial Grain Cropping Systems
- Ecosystem Services Provided by Cover Crops and No-Till
- Soil Food Webs and Soil Ecology
- Cropping Systems and Agroecology

FEATURED WORKS

- Tri-State Fertilizer Recommendations: go.osu.edu/fert-recs
- Soil Fertility Resources: agcrops.osu.edu/FertilityResources
- Soil Health: soilhealth.osu.edu
- Current soil fertility research at Ohio State: soilfertility.osu.edu





Elizabeth (Libby) Dayton, Research Scientist

Extension Appointment: Soil Science Education and Outreach

Contact Information (tel) 614-688-5917 • dayton.15@osu.edu



Website(s):

EDUCATION

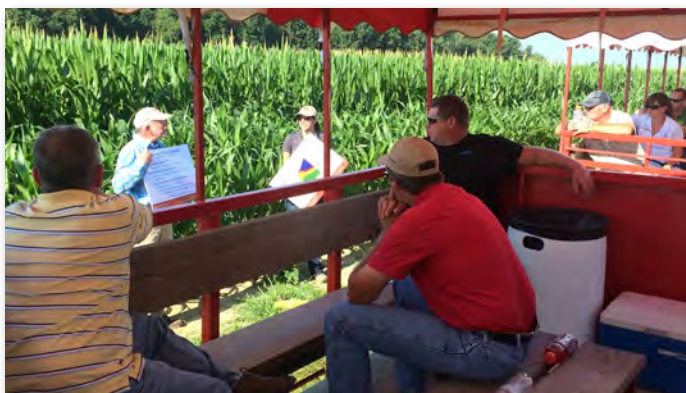
- Ph.D. 2003 Oklahoma State University, Soil Science
- M.S. 1999 Oklahoma State University, Soil Science
- B.S. 1995 University of Massachusetts at Amherst, Environmental Science
Emphasis: Chemistry and Toxicology

EXPERIENCE

- Soil Scientist at The Ohio State University for 18yrs.
- Developed the On-Field Ohio tool to estimate erosion and phosphorus runoff loss from agricultural fields.
- Worked with a team to develop the USEPA national standards for the beneficial reuse of spent foundry sands in soil's applications.

EXTENSION PROGRAM/RESEARCH/TEACHING

- Participation in workshops and more than 100 presentations regarding Ohio water quality issues, agricultural runoff and erosion.
- Development of the hopefully soon to be released On-Field Ohio tool to estimate field-specific, field-scale, erosion and phosphorus runoff losses based on field characteristics and farmer practices.
- Currently developing analytical methods to determine microcystin toxin and persistence in soil-like media, in conjunction with Ohio EPA.



AREAS OF EXPERTISE

- Agricultural runoff and erosion issues related to surface water quality.
- Using recycled municipal and agricultural byproducts to create manufactured soil blends for urban/suburban and horticultural applications.
- Beneficial reuse rules for Ohio drinking water treatment residuals in soil's applications.
- Soil quality measures for both field and horticultural applications.





Stanley D. Gehrt, Professor

Extension Appointment: Wildlife Extension Specialist

Contact Information (tel) 614.292.1930 • gehart.1@osu.edu



Website(s): urbancoyotereseach.com

EDUCATION

- BA, Bethany College, Lindsborg, Kansas
- MS, Emporia State University, Emporia, Kansas
- PhD, University of Missouri, Columbia, Missouri

EXPERIENCE

Stan Gehrt is currently Professor of Wildlife Ecology and Extension Wildlife Specialist at The Ohio State University. His graduate research involved studies of mammalian carnivores in Kansas and Texas. Following graduate school, Stan worked as a research biologist where he was involved in designing a variety of studies of mammals. Prior to his current position, he was Director of Research at the Max McGraw Wildlife Foundation where he largely focused on urban wildlife research in the Chicago area. Stan merges his research into his extension programs, which focus on the management and control of mammalian wildlife, especially predators and their conflicts with people. Recent research includes studies of river otters, coyotes, raccoons, badgers and bats. As the state's wildlife specialist, Stan oversees the development and delivery of various wildlife programs and publications.

EXTENSION PROGRAM/RESEARCH/TEACHING

Stan's extension program focuses on human-wildlife conflicts, mammalian predator ecology, and urban wildlife management. His long-term research on coyotes has formed the foundation for extension programs in urban coyote conflicts and livestock depredation control. Stan teaches upper level courses in Mammalian Biology and Management, and Zoo Science and Management.



AREAS OF EXPERTISE

- Wildlife management
- Urban wildlife control
- Predator ecology and management
- Human-wildlife conflicts
- Wildlife crop damage

FEATURED WORKS

Fact Sheets:

- Community - Level Strategies for Urban Coyote Management (W-25-12)
- Urban Coyotes: Conflict and Management (W-24-12)
- Raccoon Roundworm: Facts and Prevention (W-20-08)
- Preventing and Controlling Coyote Problems (W-4-08)

Bulletin:

Urban Coyote Ecology and Management (Bulletin 929)

Website:

urbancoyotereseach.com



Jeff Hattey, Professor

Extension Appointment: 50% State Soil Management

Contact Information

(tel) 614.292.4328 •

hattey.3@osu.edu



www.linkedin.com/in/jeffory-hattey-1a125924/



twitter.com/pedosphere

Website(s): <https://dirt.osu.edu/>; <https://nutrientmanagement.osu.edu/>

EDUCATION

- B.S. University of Central Missouri – Agriculture-Agronomy
- M.S. University of Arkansas – Agronomy-Soil Fertility
- Ph.D. University of Arkansas – Agronomy-Soil Chemistry

EXPERIENCE

Hattey has worked on soil and environmental issues in the North Central U.S., Coastal Plains, Mississippi Delta and Southern Great Plains. Recognized nationally by USDA and NACTA for teaching excellence, he is working with other SENR faculty to produce outstanding educational efforts to addressing key soil management for Ohio agriculture producers and urban families.

EXTENSION PROGRAM/RESEARCH/TEACHING

Research:

- Soil ecological impacts of long-term applications of animal waste in cropping systems
- Impacts of land application of beef, poultry and swine manures on soil and water resources
- Educational learning strategies and student development

Teaching Responsibilities:

- Natural Resources Data Analysis (ENR 2000)
- Ecology of Forest Soils (ENR 5271)
- Sustainable Ecotourism and Human Impacts on the Environment in New Zealand (ENR 5797.03)
- Taught over 25 different courses including: freshman orientation, professional development, introductory soil science, soil and water conservation, environmental capstone, graduate seminar and study abroad to 6 countries on 4 continents.



AREAS OF EXPERTISE

- Soil Management Practices to Climate Change
- Practices for Sustainable Urban Agriculture
- Resilience of Soil Ecosystems
- Animal Waste Management

FEATURED WORKS

Website:

- Damage Soil Investigation, Restoration and Treatment (DIRT) On-Field Ohio Nutrient Management: <https://dirt.osu.edu/>





Greg Hitzhusen, Assistant Professor

Extension Appointment: Professional Practice Education and Outreach

Contact Information (tel) 614.292.7739 • hitzhusen.3@osu.edu

in <https://www.linkedin.com/in/greg-hitzhusen-aa144171/>

Website(s): ohiostate.pressbooks.pub/enr3470/; u.osu.edu/religionandenvironment/

EDUCATION

- Ph.D.: 2006, Cornell University, Ithaca, NY (Environmental Ethics and Education in North American Faith Communities)
- M.Div.: 1999, cum laude, Yale Divinity School, New Haven, CT (Eco-Theology)
- B.S.: 1992, honors and distinction, Cornell University, Ithaca, NY (Biological Sciences; Ecology)

EXPERIENCE

- The Ohio State University School of Environment and Natural Resources, Columbus, OH:
Assistant Professor of Professional Practice; Religion, Ecology, and Sustainability: 2015-present
Lecturer: 2007-2015; Quarter-to-Semester coordinator: 2009-2012
- Ohio Interfaith Power and Light, Columbus, OH:
Founding Executive Director: 2008-2009;
Board Chair and Member: 2010-2019
- Worthington Field Studies, Inc., Worthington, OH:
Board Co-President and Member: 2017-present

EXTENSION PROGRAM/RESEARCH/TEACHING

Teaching:

- ENR 2367: Communicating Environmental and Natural Resources Information
- ENR 3470: Religion and Environmental Values in America
- ENR 4193: Individual Studies in Environment and Natural Resources
- ENR 4567: Assessing Sustainability: Project Experience (EEDS Capstone)
- ENR 8785: Research Paradigms

Extension and Research:

- Religion and Sustainability database and online hub (beta site): visit site: <https://restorexchange.org/s/ohio-state-senr/item>
- Submit feedback to assist site development: https://osu.az1.qualtrics.com/jfe/form/SV_domBJXm2P8U2eLr

AREAS OF EXPERTISE

- Theory and practice of faith-community environmental education and ethics
- Religious influences on environmental attitudes and behavior
- Environmental ethics; Eco-theology; Religion and ecology
- Energy and climate change education and outreach trends in faith communities
- Writing-in-the-majors and sustainability across the curriculum
- Sustainability projects for community resilience



FEATURED WORKS

Online, open source book:

- Religion and Environmental Values in America: <https://ohiostate.pressbooks.pub/enr3470/>

Religion-Ecology-Sustainability website:

- <https://u.osu.edu/religionandenvironment/>

Religion-Ecology overview:

- <https://esajournals.onlinelibrary.wiley.com/doi/abs/10.1890/120322>

Videos:

- (<https://u.osu.edu/religionandenvironment/2018/07/10/osu-students-impact-sustainability/>) and project report archive (<https://kb.osu.edu/handle/1811/54587>) detailing student work in sustainable communities

Religion-Environment Photo Gallery:

- <https://u.osu.edu/religionandenvironment/resources/religion-environment-photo-gallery/>



Shoshanah Inwood, Assistant Professor

Extension Appointment: Community and Economic Development Through Food & Agriculture

Contact Information (tel) 330-263-3790 • inwood.2@osu.edu



Website(s): <https://senr.osu.edu/our-people/shoshanah-inwood>

EDUCATION

- Ph.D. Rural Sociology, The Ohio State University. (2008)
- M.S. Environmental Science Graduate Program, The Ohio State University. (2004)
- B.A. Biology, Oberlin College. (1999)

EXPERIENCE

Shoshanah Inwood has been leading research and extension efforts focused on community and economic development through food and agriculture since joining Ohio State University in 2017. Previously, Shoshanah was a faculty member in the Department of Community Development and Applied Economics at the University of Vermont. Outside of academia she served as the Director of the Office of Sustainable Agriculture and The Ohio Farm-to-School Coordinator at the Ohio Department of Agriculture.

EXTENSION PROGRAM/RESEARCH/TEACHING

Shoshanah's integrated research and extension program explores the impact of national, state and local efforts to create economic development through food and agriculture and addresses the question of who will be the next generation of farmers in light of a shrinking and aging farm population. Her work is centered on social sustainability in the food and agriculture sector with a focus on issues of people, place and community.

Courses Taught :

RSS 5530: Sociology of Agriculture and Food Systems



AREAS OF EXPERTISE

- Rural Sociology
- Community and Economic Development
- Health and Well-Being in the Farm Sector
- Social factors affecting Farm Viability
- Agriculture at the Rural-Urban-Interface
- Sustainable Agriculture and Food Systems
- Women in Agriculture
- Beginning Farmers
- Social Sustainability

FEATURED WORKS

Website:

- Health Insurance Rural Economic Development and Agriculture (HIREDnAg) www.hirednag.net

Publications:

- The Status and Changing Face of Ohio Agriculture: Summary of Farm Trends 1997-2017." 2020. Available at: <https://senr.osu.edu/ohiofarmtrends>

Media Coverage:

- The Daily Record. "Farm-tastic! Wayne County part of unique agriculture bolstering project." <https://www.the-daily-record.com/news/20200706/farm-tastic-wayne-county-part-of-unique-agriculture-bolstering-project>
- The Female Farmer Project. "Childcare: Motherhood and Farming." <http://www.femalefarmerproject.org/the-podcast/2018/5/10/6m8cdxx2w0lsil8ll6s67c1db-dl489>



Douglas Jackson-Smith, Professor

Extension Appointment: Socioeconomic and Environmental Change in Agriculture

Contact Information (tel) 330.202.3540 • jackson-smith.1@osu.edu



Website(s):

EDUCATION

Douglas Jackson-Smith received a BS Rural Sociology from Cornell University (1986), an MS in Rural Sociology (1990), and MA in Agricultural Economics (1991), and a PhD in Sociology (1995), all from the University of Wisconsin-Madison.

EXPERIENCE

- Co-Director of the Program on Agricultural Technology Studies, University of Wisconsin-Madison, 1998-2001
- Faculty member, Utah State University, 2001-2016
- Professor and Associate Director, School of Environment and Natural Resources, OSU 2016-present

EXTENSION PROGRAM/RESEARCH/TEACHING

Most of Dr. Jackson-Smith's research is applied and designed to support extension and outreach efforts. He regularly works with his OSU extension colleagues to develop a science-based understanding of the trajectories of and impacts associated with socioeconomic and environmental changes in taking place in agriculture. He seeks to expand opportunities for on-farm research and active collaboration with producers in the development of solutions to complex social, economic, and environmental problems. He has also worked in urban and urbanizing environments to explore impacts of human behaviors and decision-making on water quality, landscape hydrological and biodiversity, and other ecosystem services associated with land use change.

AREAS OF EXPERTISE

- Rural sociology
- Technological change in agriculture
- Sustainable agriculture and food systems
- Conservation behavior
- Rural and peri-urban land use change
- Water quality and quantity
- Mixed social science methods (surveys, interviews, focus groups, statistical modeling and spatial analysis)
- Collaborative and interdisciplinary research
- Participatory methods

FEATURED WORKS

Publications:

- "The Status and Changing Face of Ohio Agriculture: Summary of Farm Trends 1997-2017." 2020. Available at: <https://senr.osu.edu/ohiofarmtrends>
- "Farmer and Practitioner Conceptions and Experiences with Soil Balancing." 2020. Available at: https://offer.osu.edu/sites/offer/files/imce/Files/SB%20Practices%20Report_FINAL.pdf
- "A Profile of Organic Corn Production in the Midwest and Northeast. PART I: Farm Characteristics, Production Practices, and Soil Management Strategies." and "PART II: Economics of Organic Corn Production." 2019. Available at: <https://offer.osu.edu/offer.osu.edu/research/orgcorn>

Media Coverage:

- Work featured in The Mississippi Basin Confluence Newsletter at: <https://northcentralwater.org/bringing-people-inside-the-box-on-improving-how-we-model-human-behavior-in-watersheds/>





Gabriel Karns, Visiting Assistant Professor

Extension Appointment: Conservation of Working Landscapes and Wildlife, Ecolab @ OSU Mansfield

Contact Information (tel) 614.292.3865 • karns.36@osu.edu



Website(s):

EDUCATION

- BS, MS Wildlife Sciences: North Carolina State University
- PhD Wildlife Sciences: Auburn University

EXPERIENCE

Gabriel Karns works on behalf of the Ecolab at Ohio State Mansfield and is a member of the Terrestrial Wildlife Ecology Lab (TWEL) in the School of Environment and Natural Resources at Ohio State University. He has occupied various research/teaching positions as a Buckeye for 8 years.

EXTENSION PROGRAM/RESEARCH/TEACHING

- Energy landscapes and conservation (pollinators, vegetation management)
- Wildlife habitat mgt/population ecology (Ohio's changing forests and effects on wildlife, feasibility of elk reintroduction in Ohio, managing edges for wildlife)
- Human-wildlife (white-tailed deer, outdoor recreational access)



AREAS OF EXPERTISE

- Conservation on working landscapes (e.g., energy rights-of-ways)
- Wildlife habitat management
- Human-wildlife dimensions
- Wildlife ecology and populations





Kristi Lekies, Associate Professor

Extension Appointment: Youth Education and Leadership

Contact Information (tel) 614.688.3537 • lekies.1@osu.edu



Website(s): <https://senr.osu.edu/our-people/kristi-s-lekies>

EDUCATION

- Ph.D., Human Development and Family Studies, Iowa State University, 1998
- M.S., Home Economics/Child and Family Services, University of Wisconsin-Stout, 1993
- B.A., Social Work, University of Wisconsin-Madison, 1986

EXPERIENCE

Dr. Lekies began her career as a social worker in Northwestern Wisconsin where she worked with adolescents and their families, community organizations, schools, and residential treatment programs. During graduate school, she spent a year in the former East Germany where she studied rural youth and communities in areas undergoing rapid change. Prior to joining The Ohio State University, she worked in early childhood education research at Cornell University and developed an interest in children and the natural environment. She joined OSU in 2006, first with Ohio 4-H as the Research and Evaluation Specialist, and later working with OSU Extension on leadership initiatives and teaching courses on grant writing and program evaluation. She has been with the School of Environment and Natural Resources since 2010 as part of the Environmental Social Science and Rural Sociology specializations. She advises students in the Natural Resources Management major and conducts applied research and evaluation projects.

EXTENSION PROGRAM/RESEARCH/TEACHING

Program Evaluation and Consultation

Current evaluation activities have focused on projects related to climate, agriculture, and water, as well as the impacts of long-term participation in outdoor adventure recreation programs. I also consult with parks, youth programs, and other organizations on how to measure the impacts of educational and outdoor programs.

Youth Environmental Education Outreach Initiative

This initiative engages graduate and undergraduate students in program planning and informal education activities for children and youth. Since 2009, I have produced the weekly program, Youth Beat Radio, which airs on Columbus Community Radio Stations WCRS 92.7/98.3 FM and WGRN 94.1 FM, with a new podcast under development. Additionally, I have organized youth leadership summits on the environment for high school students to learn about environmental issues, develop leadership skills, and create action plans to improve communities and the environment.

Youth Water Education Assessment

An assessment of youth water education across the Midwest has recently been completed with Extension collaborators across the region.

AREAS OF EXPERTISE

Dr. Lekies has a broad background which enables her to work across disciplines including education, youth development, community development, parks and outdoor recreation, and environment and natural resources. Her research focuses on childhood experiences with nature and outdoor environments such as community gardens, parks, and outdoor recreation that provide opportunities to connect with nature and support human well-being.

Areas of expertise include:

- Program evaluation
- Program planning and development
- Children, youth, and the natural environment
- Youth leadership
- Rural youth and communities
- Transdisciplinary approaches to research

FEATURED WORKS

Publications: Promoting Transdisciplinary Learning through a Summer Course on Climate, Water, and Agriculture.

K. Lekies & R. Moore, Natural Sciences Education, 2020.

Youth Water Education: Programs and Potential in the American Midwest. J. Hougham, K. Lekies, S. Bohrerova, C. Wood, K. Jaeger, B. Schroeder, A. Timmerman, A. Nardi, & R. Power. Journal of Soil and Water Education, Sept. 2020, 75(5), 117A-122A.

The Transformative Power of Parks. Forthcoming 2022. Sagamore. P. Fix, L. Larson, T. Stein, S. Park, K. Tidball, K. Scholl, & K. Lekies (Eds.)

Webinars and Presentations: Results from a Regional Youth Water Education Needs Assessment. North Central Region Water Network, Feb. 12, 2020.

Developing a Graduate Level Course on Environmental Evaluation: What Competencies are Needed? American Evaluation Association Conference, 2019.

Climate Education Solutions for the U.S. Corn Belt. Byrd Polar Research Center Symposium: Climate Change Research at Ohio State, 2019.

Developing Urban Youth Through Outdoor Adventure Recreation. National Association of Extension 4-H Educators Conference, 2018.

Hands-on Nature: Rocks, Shells, and other Fascinating Items that Children Collect. European Early Childhood Education Research Association Conference, 2018.

Website: Youth Beat Radio <http://youthbeat.osu.edu>

4-H Idea Starter: Bats



Alexis Londo, Program Director

Extension Appointment: Applied Geospatial Analysis and Remote Sensing

Contact Information (tel) 614.247.6099 • londo.4@osu.edu



Website(s):

EDUCATION

Alexis has a BSF in Forestry (emphasis in interpretative recreation) and an MSF in forestry (Biometrics) both from Stephen F. Austin State University and a Ph.D. in Forest Science (biometrics and remote sensing) from Mississippi State University.

EXPERIENCE

Prior to coming to OSU, she served as the Geomatics Coordinator for the Gulf Coastal Plain and Ozark Landscape Conservation Cooperative (GCPOLCC). In this role, she connected the functional roles of geomatics (data development, dissemination, and applications) across the partner organizations and agencies of the GCPOLCC to define, design, and deliver natural and cultural resources at desired landscape levels.

EXTENSION PROGRAM/RESEARCH/TEACHING

Alexis Londo has served as a lecturer and the Program Director for the Applied Geospatial analysis and remote sensing outreach program in SENR since January 2014. In this capacity, she is developing a remote sensing outreach program for foresters, farmers and landowners across Ohio. She also teaches several courses in SENR including forest biometrics, statistics, introduction to spatial information for the environment and natural resources, and sustainable forest products.





Jack McGowan-Stinski, Program Manager

Extension Appointment: 100% Sponsored Programs

Contact Information (tel) 989.287.1734 • mcgowan-stinski.1@osu.edu



Website(s): <http://lakestatesfiresci.net/index.html>

EDUCATION

- Master of Science 1997 Central Michigan University Emphasis: Conservation Biology
- Bachelor of Science 1988 University of Wisconsin-Stevens Point Emphasis: Wildlife Biology, Water Resources

EXPERIENCE

Career Positions:

- Program Manager, Lake States Fire Science Consortium (2013 - present)
- Senior Project Scientist, Cardno JFNew (2011 - 2013)
- Fire Manager and Land Steward, The Nature Conservancy - Michigan and Wisconsin Chapters (1993 - 2011)
- Adjunct Professor, Central Michigan University (2002 - 2010)
- Graduate Teaching Assistant, Central Michigan University (1990 - 1992)
- Habitat Evaluation Specialist LTE, Michigan Department of Natural Resources (1990)
- Natural Resource Specialist, Wisconsin Department of Natural Resources (1989 - 1990)
- Biological Technician, USDA Forest Service (1988 - 1989)
- Wildlife Intern LTE, Wisconsin Department of Natural Resources (1987)
- Resort Naturalist (Volunteer), USDA Forest Service (1986)

EXTENSION PROGRAM/RESEARCH/TEACHING

Since 1994 I have served as lead instructor or cadre for training of wildland fire personnel (TNC, University, Agencies and Organizations: Annual Refreshers (RT-130), Annual Work Capacity Tests (Arduous Fitness Standard), NWCG fire courses, including: S Courses: S-130/131/133/134/190/211/230/234/290/390; L-180; RX Courses: Rx-300/301/310/341 and TNC's Workshop on Ecological Burning; Incident Commander for an eleven day Crew Boss Academy (I-200, L-280, S-230, and S-234); evaluator, final evaluator, and agency certifier on numerous task books (FFT2, FFT1, ICT5, ICT4, ENGB, FIRB, FEMO, RXB3, RXB2).

I recently developed the Wildland Fire Certification Program as part of the Natural Resource Major at Grand Valley State University (includes S-130/190/133/290, Fire Ecology course [RX-310], and internship hours). I also taught courses in Fire Ecology, Conservation Biology and Restoration Ecology at Central Michigan University.



AREAS OF EXPERTISE

- Wildland Fire/ Prescribed Fire Management
- Growing Season Fire
- Fire Ecology
- Fire Effects

FEATURED WORKS

Recent Example of invited presentation at Fire in Eastern Oak Forests Conference 2019: https://youtu.be/RI_vw4oqxltI





Sayeed R. Mehmood, Associate Professor

Extension Appointment: Natural Resources Economics

Contact Information (tel) 614.688.2211 • mehmood.9@osu.edu



Website(s): <http://ohiowood.osu.edu/>

EDUCATION

- B.Sc. (Hons), Forestry: University of Chittagong, Bangladesh
- MS, Forest Economics: University of Maine
- PhD, Forest Economics and Policy: Auburn University

EXPERIENCE

Sayeed has been Associate Professor of natural resource economics at SENR since 2017. Before joining Ohio State, we was a member of the faculty at University of Arkansas for 16 years. Prior to that he worked as a post-doctoral fellow at Auburn University.

EXTENSION PROGRAM/RESEARCH/TEACHING

Research:

Rural economic development through sustainable natural resource management; regional economic impacts of shifts in natural resource market trends; human and biophysical factors of collaborative forest restoration; demographic patterns in urban green space usage; natural resource valuation; collaborative approaches to reducing forest fragmentation.

Teaching:

- ENR 3200 Natural Resource Policy
- ENR 5325 Forest and Public Lands Policy
- ENR 8980 SENR Graduate Seminar

AREAS OF EXPERTISE

Natural resource economics, regional economics, natural resource/environmental policy analysis.



FEATURED WORKS

- Leveraging Education and Research to Promote Maple Syrup Production in Ohio, Pennsylvania, and West Virginia. This is a multi-state project funded by a USDA-AMS grant received in 2019 along with co-PIs Gabe Karns, Kathy Smith and Les Ober.
- Accessing New Markets in this Time of Uncertainty: An Acer grant two-night webinar for maple syrup producers. May 2020.
- Ohio Timber Price Report. Published twice a year in collaboration with Kathy Smith.
- Mehmood, S.R. 2020. Economic Importance of Ohio's Hardwoods and its Implications for Oak Sustainability. Ohio Woodland Journal, Winter 2020.
- Mehmood, S.R. 2019. Ohio's Forest Economy, 2017. Ohio State University Extension.
- Mehmood, S.R. and A. Shrestha. 2020. Forest Economy of Ohio's Northeastern Region. Ohio State University Extension.
- Mehmood, S.R. and A. Shrestha. 2020. Forest Economy of Ohio's Southeastern Region. Ohio State University Extension.
- Mehmood, S.R. and A. Shrestha. 2020. Forest Economy of Ohio's Northwestern Region. Ohio State University Extension.
- Mehmood, S.R. and A. Shrestha. 2020. Forest Economy of Ohio's South-central Region. Ohio State University Extension.
- Mehmood, S.R. and A. Shrestha. 2020. Forest Economy of Ohio's East-central Region. Ohio State University Extension.
- Mehmood, S.R. and A. Shrestha. 2020. Forest Economy of Ohio's Southwestern Region. Ohio State University Extension.
- <http://ohiowood.osu.edu/>



Risa Pesapane, Assistant Professor

Extension Appointment: Ecosystem and Wildlife Health

Contact Information (tel) 614.292.7570 • pesapane.1@osu.edu



@RisaPesapane

Website(s): <https://u.osu.edu/pesapane/>

EDUCATION

- 2019 Ph.D. in Ecology, designated emphasis in Vector-borne Disease, University of California, Davis
- 2011 M.S. in Wildlife Science, focus on Disease Ecology, Virginia Tech
- 2007 B.S. in Biology, Virginia Tech
- 2006 B.S. in Wildlife Science, Virginia Tech

EXPERIENCE

Dr. Pesapane is a broadly trained disease ecologist who studies parasites and pathogens in both human and animal populations by leveraging tools from community ecology, molecular ecology, landscape ecology, microbiology, entomology, and epidemiology. She has conducted research across the United States and abroad in partnership with state and federal agencies as well as local non-profit or non-governmental organizations. Specifically, in Ohio she has developed collaborative relationships with the Ohio Wildlife Center, the Ohio Department of Health, the Ohio Department of Natural Resources, the Ohio Department of Agriculture, and the Ohio branch of the USDA Animal and Plant Health Inspection Service (APHIS) Veterinary Services.

EXTENSION PROGRAM/RESEARCH/TEACHING

Dr. Pesapane's programming includes invited talks and workshops throughout Ohio, outreach materials, and guest lectures at various universities and institutions. Topics are focused on ticks, tick-borne disease, mites, wildlife disease and conservation, and One Health.



AREAS OF EXPERTISE

- Disease ecology
- Ectoparasites
- Vector-borne disease
- Conservation
- Captive breeding
- One Health

FEATURED WORKS

[Asian longhorned ticks in Ohio \[fact sheet\]](#)





Matthew Shumar, Program Coordinator

Extension Appointment: Ohio Bird Conservation Initiative

Contact Information (tel) 614.706.6224 • shumar.3@osu.edu



<https://www.facebook.com/OhioBirdConservationInitiative/>



<https://twitter.com/obcibirds>



<https://twitter.com/matthewbuhrl>

EDUCATION

- B.S. 2002, Wildlife and Fisheries Science, Pennsylvania State University
- M.S. 2009, Wildlife and Fisheries Resources, West Virginia University

EXPERIENCE

Matthew Shumar is the Program Coordinator for the Ohio Bird Conservation Initiative, a collaboration of non-profit groups, businesses, state and federal government agencies, and citizens working to advance bird conservation efforts. In addition to his work with OBCI, he is an elected council member for the Association of Field Ornithologists, where he is webmaster and co-chair of their communications committee. Matthew is the co-editor of The Second Atlas of Breeding Birds in Ohio, a detailed assessment of over 200 of the state's breeding bird species.

EXTENSION PROGRAM/RESEARCH/TEACHING

Matthew's programming includes invited talks and workshops throughout Ohio, as well as guest lectures at various universities and institutions. Topics are focused on avian conservation, and frequently cover topics such as citizen science, avian migration, and forest ecology.



AREAS OF EXPERTISE

- Ornithology
- Citizen science
- Landscape ecology
- Forest ecology

FEATURED WORKS

Websites:

- <https://obcnet.org/>
- <https://ohiolightsout.org/>
- <http://www.ohiobirds.org/obba2/index.php>
- <http://afonet.org/>

Recent multimedia:

- <https://www.birdnote.org/listen/birdnote-presents/clear>
- <https://www.youtube.com/watch?v=IsPMBYoBCho>
- https://www.youtube.com/watch?v=0C93uksT6xM&list=PLF-7G9e991aInhyhfS3-L_NLOkfoQvz4Ro
- <https://soundcloud.com/wcaudubon/matt-shumar-obci-ohio-lights-out-and-urban-birding>
- <https://soundcloud.com/wcaudubon/matthew-shumar-program>

Recent publications:

- http://obcnet.org/uploaded_docs/OBCI_small_patch_guide_final_2020_web.pdf
- <http://www.psupress.org/books/titles/978-0-271-07127-5.html>



Brian Slater, Professor

Extension Appointment: Soil Resources

Contact Information

(tel) 614.292.7315

• slater.39@osu.edu



Website(s): <http://setll.osu.edu>

EDUCATION

- B.Agr.Sc. 1979 University of Queensland, Brisbane, Australia. Major: Land Resources.
- M.Agr.Sc. 1986 University of Queensland, Brisbane, Australia. Major: Soil Science.
- Ph.D. 1994. University of Wisconsin-Madison. Major: Soil Science.

EXPERIENCE

- 2020- Professor, Soil Resources, School of Environment and Natural Resources
- 2014-present Associate Director, School of Environment and Natural Resources,
- 2005-2020 Associate Professor, Soil Science, The Ohio State University
- 1997-2004 Assistant Professor, Sustainable Soil and Land Management, School of Natural Resources, The Ohio State University.

Australia:

- 1996-1997 Senior Land Resources Officer, Queensland Department of Natural Resources.
- 1995 Project Leader, Murray-Darling Basin Soil Information Strategy, CSIRO Division of Soils, Canberra, Australia.
- 1982–1995 Land Resources Officer, Land Use and Fisheries, Queensland Department of Primary Industries, Brisbane, Toowoomba, Roma, Australia
- 1981–1982 Environmental Consultant, CSR Energy Division, Brisbane
- 1980–1981 Research Scholar, Department of Agriculture, University of Queensland

University of Wisconsin–Madison:

- 1991–1994 Research Assistant, Department of Soil Science

EXTENSION PROGRAM/RESEARCH/TEACHING

Extension Programs:

Soil Environment Technology Learning Lab: Soils and Onsite Wastewater Treatment
Soil Resources and Soil Information Systems
Urban Soils: Assessment and Restoration
Soils for Christmas Tree Production

Research:

Digital Pedology: soil mapping and morphometrics
Wastewater movement and treatment in soils
Soil compaction
Urban soils

Teaching:

ENR 5260 Soil Landscapes: Morphology, Genesis and Classification
ENR 5279 Urban Soils and Ecosystem Services: Assessment and Restoration
ENR 5797 Iceland Education Abroad Program

AREAS OF EXPERTISE

- Soil Resources
- Soils of Ohio
- Soil Survey and Mapping
- Geospatial Information Systems and Remote Sensing
- Soil Classification
- Soil Hydrology
- Sustainable Soil and Land Management
- Waste Management and Soils
- Soil Evaluation for Onsite Wastewater Treatment
- Urban Soils
- Forest Soils
- Soil Restoration

FEATURED WORKS

- Slater, B.K. and Mancil, K. (2019) Soil Evaluation for Home Septic Systems, OSU Extension, Agriculture and Natural Resources Fact Sheet. AEX-742-04.
- Mancil, K. and Slater, B.K. (2019). Why Do Septic Systems Malfunction? OSU Extension, Agriculture and Natural Resources Fact Sheet. AEX-741.
- Slater, B. K and T. Wilson (2018). Miamian: Ohio State Soil. Soil Science Society of America, Soils for Teachers. <https://www.soils4teachers.org/files/s4t/k12outreach/oh-state-soil-booklet.pdf>
- Mancil, K. and Slater, B.K. (2016). Septic System Maintenance. OSU Extension, Agriculture and Natural Resources Fact Sheet. AEX-740.
- Mancil, K. and Slater, B.K. (2016). Septic Tank: Soil Adsorption System. OSU Extension, Agriculture and Natural Resources Fact Sheet. AEX-743.
- Mancil, K. and Slater, B.K. (2016). Septic Tank: Mound System. OSU Extension, Agriculture and Natural Resources Fact Sheet. AEX-744.
- Mancil, K. and Slater, B.K. (2016). Using Soil to Remove Pollutants from Wastewater. OSU Extension, Agriculture and Natural Resources Fact Sheet. OSU Extension, Agriculture and Natural Resources Fact Sheet. AEX-745.
- Mancil, K. and Slater, B.K. (2016). Sand Bioreactors for Onsite Wastewater Treatment. OSU Extension, Agriculture and Natural Resources Fact Sheet. OSU Extension, Agriculture and Natural Resources Fact Sheet. AEX-754.
- Mancil, K.M and Slater, B.K. (2013). Suitability of Ohio Soils for Treating Wastewater. OSU Extension, Agriculture and Natural Resources. Bulletin. 896.
- Dontsova, K., Lee, Y.B., Slater, B.K. and Bigham, J.M. (2005). Gypsum for Agricultural Use in Ohio—Sources and Quality of Available Products. OSU Extension, Agriculture and Natural Resources Fact Sheet. ANR-20.
- Slater, B.K. and Mancil (2005). Soil and Site Evaluation for On-site Wastewater Treatment. OSU Extension, Agriculture and Natural Resources. Bulletin 905.



Kathy Smith, Program Director

Extension Appointment: 100%, Forestry

Contact Information

(tel) 614.688.3136

• smith.81@osu.edu



<https://www.facebook.com/OhWoodlandStewards>



https://twitter.com/OSUE_OWS

Website(s): woodlandstewards.osu.edu; u.osu.edu/ohiomaple

EDUCATION

Kathy received her bachelor's in forest resource management from The Ohio State University in 1985. She received her masters degree in natural resources management from OSU in 1989.

EXPERIENCE

Kathy joined ODNR, Division of Forestry in 1990 as a watershed forester. She covered a 10 county area in west central Ohio working with numerous watershed projects to promote riparian buffer restoration and developing management plans for both upland and riparian forests.

In 2001 Kathy moved to her position within the School, first as an Extension Associate than later as Program Director for the Ohio Woodland Stewards Program. She is responsible for coordinating, promoting and teaching programs targeted towards Ohio's many woodland owners and natural resource professionals.

EXTENSION PROGRAM/RESEARCH/TEACHING

- Coordinate the Ohio Woodland Stewards Program - our outreach program targeting woodland owners and those interested in trees and woodlands
- Focus on invasive species and their impact on Ohio woodlands.
- Focus on keeping Ohio woodlands healthy



AREAS OF EXPERTISE

- Forest management
- Riparian forest management
- Invasive species ID and control
- Tree planting
- Forestry herbicides
- Timber marketing
- Woodland management and invasives



FEATURED WORKS

- Great Lakes Early Detection Network (GLEDN) a regional app focused on helping clientele identify and report invasive species around the state - go.osu.edu/GLEDN
- Website for Woodland Stewards - woodlandstewards.osu.edu
- A series of Adobe Spark videos focused on identification of invasive species along with a series of fact sheets all located on the Woodland Stewards website.
- Ohio State Maple Syrup video to promote our Ohio State Maple Syrup products.
- Woodland Stewards program - Ohio Woodland Water and Wildlife newsletter



Marne A. Titchenell, Program Specialist

Extension Appointment: 100%, Wildlife

Contact Information (tel) 614.292.0402 • titchenell.4@osu.edu

 <https://www.linkedin.com/in/marne-titchenell>

Website(s): go.osu.edu/marne

EDUCATION

Marne Titchenell received her bachelor of science in wildlife management and forestry from The Ohio State University in 2004. She continued her study of forest wildlife, specifically bat populations in oak-hickory forests, at OSU School of Environment and Natural Resources, where she obtained her master of science in 2006.

EXPERIENCE

Marne has gained experience working as a biological and wildlife technician for the U.S. Fish and Wildlife Service and USDA Forest Service. In 2006, she worked as a naturalist for the Columbus and Franklin County Metro Parks, where she developed a passion for environmental education. In late 2007, Marne accepted her current position as Wildlife Program Specialist. She works to provide a variety of educational programs, workshops, conferences, and publications centered on wildlife ecology and biology, habitat management for wildlife, and managing nuisance wildlife species.

EXTENSION PROGRAM/RESEARCH/TEACHING

Marne programs in the areas of wildlife habitat management, wildlife ecology, and wildlife conflict/damage ID and prevention. As a state program specialist, she offers presentations in support of many Extension programs through the state. She is involved in the Ohio Woodland Stewards Program, where she shares her knowledge on forest wildlife management and enhancing backyards and urban areas for wildlife. She is also a co-director of Camp Canopy, a week-long camp for high school students interested in forestry and wildlife. Marne is chair of the Ohio Community Wildlife Cooperative, a collaborative program developed to help local government and community leaders dealing with wildlife conflict. Marne also co-founded the Ohio Bat Working Group, which works to facilitate communication, information-sharing, and collaboration between people working with bats in Ohio.



AREAS OF EXPERTISE

- Wildlife habitat management
- Nuisance wildlife management & damage ID
- Forest wildlife ecology
- Bat ecology and management
- Non-game species conservation and management (reptiles, amphibians, birds)
- Wildlife identification

FEATURED WORKS

Presentations:

- Top 10 Tips for Managing Woodlands for Wildlife
- Dealing with Wildlife Conflict in the Garden and Landscape
- Landscaping for Wildlife: Birds and Pollinators
- Bats: What You Didn't Learn Watching Batman
- Ohio's Common Reptiles and Amphibians

Publications:

- Getting to Know Ohio's Salamanders
- Cope with Canada Geese
- Ohio's Bat Conservation Plan
- Feral Swine in Ohio: Managing Damage and Conflicts
- Managing for Bobwhite Quail in Ohio's Agricultural Landscape

Program Websites:

- Ohio Bat Working Group - u.osu.edu/obwg
- Camp Canopy - www.campcanopy.com
- Ohio Woodland Stewards Program - woodlandstewards.osu.edu

Cooperating OSU Faculty & Staff

This is to recognize those OSU faculty and staff that really contribute to our programs but are not included in the directory or affiliated with the school.

Amy Stone, Agriculture and Natural Resources Extension Educator for Lucas County, Department of Extension

Ashley Kulhanek, Agriculture and Natural Resources Extension Educator for Medina County, Department of Extension

Curtis Young, Agriculture and Natural Resources Extension Educator for Van Wert County, Department of Extension

Dave Apsley, Natural Resources Specialist, Department of Extension

Elizabeth Hawkins, Field Specialist in Agronomic Systems, Department of Extension

Erik Draper, Agriculture and Natural Resources Extension Educator for Geauga County, Department of Extension

Greg LaBarge, Field Specialist in Agronomic Systems, Department of Extension

Harold Watters, Field Specialist in Agronomic Systems, Department of Extension

Jim Chatfield, Associate Professor, Department of Horticulture and Extension Specialist, Crop Science, Department of Plant Pathology

Joe Boggs, Assistance Professor, Department of Extension and Agriculture and Natural Resources Extension Educator for Hamilton County, Department of Extension

Les Ober, Agriculture and Natural Resources Program Assistance, Department of Extension

Nicholas Bastas, Professor of Soil and Environmental Chemistry, School of Environment and Natural Resources

Robert Gates, Associate Professor of Wildlife Ecology and Management, School of Environment and Natural Resources

Roger Williams, Associate Professor of Forest Ecosystem Analysis and Management, School of Environment and Natural Resources

Steve Matthews, Associate Professor of Wildlife Landscape and Ecology, School of Environment and Natural Resources

Tim McDermot, Agriculture and Natural Resources Extension Educator for Franklin County, Department of Extension and Visiting Instructor, College of Veterinary Medicine

Zuzana Bohrerova, Research Specialist, Department of Civil Environment and Geodetic Engineering

Signature Programs

The Extension Program in the School has a core of signature educational programs that are offered annually. These programs are open to a wide variety of clients, from agency personnel to private landowners. Programs are typically advertized state-wide and regionally, drawing participants from all adjoining states. Many of these programs offer simultaneous tracks of presentations and include outdoor learning as an educational element.

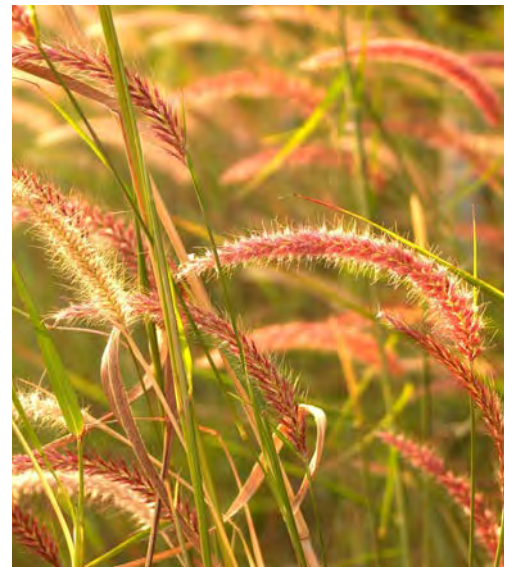
Ohio Woodland Stewards Program

Ohio is 30% forested with over 340,000 family forest owners controlling approximately 84% of the resource. The Ohio Woodland Stewards program strives to offer these landowners a variety of educational programming options with the goal being to make them better stewards of the resource they manage. The program offers classes to help landowners with basic introductory management skills (tree id, invasive species management) and then offers additional classes, fact sheets and newsletter articles that help them build those skills for their specific management goal and objectives. The program strives to help landowners and natural resource managers stay up to date on newly emerging woodland issues such as spotted lanternfly, beech leaf disease and a vast array of invasive plant species.



The Ecolab at OSU-Mansfield

The Ecolab at OSU-Mansfield engages faculty, students, and public in a range of sustainability issues centered in the outdoor realm. Offering a unique campus setting for experiential education, hands-on research and robust community engagement, opportunities abound on the Mansfield campus to investigate topics of forest management, pollinator conservation, food security in economically depressed population centers, rural industries such as maple syrup, and more. Healthy environments and healthy societies are inextricably linked, and collaboration with the School of Environment and Natural Resources (CFAES) has enabled Ecolab to highlight that vital relationship to Ohioans. Through a working showcase of best practices, Ecolab participants - from students to natural resource professionals and everyone in between - are encouraged to think more critically and ecologically about the world around them.



Ohio Certified Volunteer Naturalist Program

Ohioans interest in nature is growing and individuals need opportunities to be involved in caring for and exploring nature in their local communities. At the same time, volunteers with an understanding of Ohio's environment and natural resources and the skills to participate effectively in environmental education, habitat protection, and monitoring have a critical role to play in helping to conserve our natural heritage.

The Ohio Certified Volunteer Naturalist (OCVN) program address both of these needs by giving Ohioans the chance to learn about our diverse eco-regions, flora and fauna, and conservation from The Ohio State University College of Food, Agriculture and Environmental Sciences (CFAES) staff and faculty as well as professional naturalists and natural resources experts in their community. The Ohio Certified Volunteer Naturalist (OCVN) program includes a 40-hour education course on Ohio's environment and natural resources and certification after 40 hours of volunteer service in the areas of interpretation and education, citizen science, or program support as well as on-going continuing education. The course is offered in collaboration between staff in the School of Environment and Natural Resources and local OSU Extension county offices, state and local park districts, environmental centers, and arboretum.



Environmental Professionals Network (EPN)

Ohio is home to thousands of environmental professionals working every day to make the world a better place. The Environmental Professionals Network (EPN) is a service of the School of Environment and Natural Resources that connects and grows environmental professionals in-person and online. Participants in the Environmental Professionals Network can access many online services and are linked to thousands of professionals in Ohio and beyond. Professionals are thus connected in a “community” of people who share their passion for our world and its environment, natural resources, people, and communities -- local to global. The EPN will help you grow professionally and be more effective in your job, and be inspired about your career. In its eight-year history, over 3,500 unique individuals have participated in an EPN breakfast program and this year the EPN surpassed a milestone of 2,200 online participants.



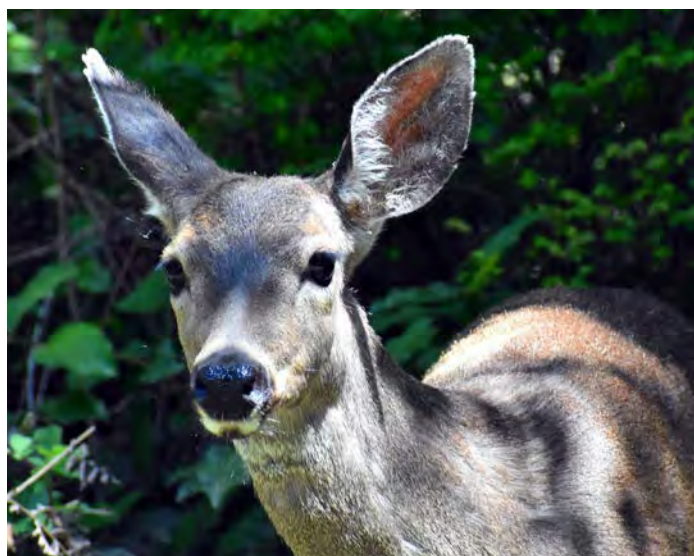
The Ohio Timber Price Report

Having current data on the forest products market is essential for forest landowners, the industry, policy makers, and forestry professionals. As the state's primary and unbiased source of outreach, it behooves extension specialists and educators to collect and disseminate such information. The Ohio Timber Price Report has been an excellent and reliable source of long-term data in Ohio stumpage and saw log prices. Having been in existence since 1960, it is also one of the longest running continuous source of timber price data in the nation. Timber prices vary over time for a variety of reasons including shifts in consumer tastes and preferences, changes in domestic and international trade, policy measures, weather patterns, and shifts in production trends due to technological change and new products. Long term data collected for the Timber Price Report help us identify these trends. Consequently, the data is used by a variety of stakeholders for purposes ranging from planning, timber valuation, policy formulation to litigation.



The Ohio Woodland, Water, and Wildlife Conference

Across the state of Ohio there are numerous individuals charged with managing Ohio's varied natural resources. These individuals are either in charge of land management for metro-parks, city parks, county parks or conservancy districts or are working with landowners who are responsible for managing the resource. The decisions they make or the recommendations they provide have a critical impact on the future health and well-being of Ohio's natural resources. Providing opportunities for these land managers and natural resources professionals to improve their knowledge base will allow them to better serve their clientele and be better manage the lands they oversee. To meet these needs, the SENR Extension program now offers an annual conference Ohio Woodland, Water, and Wildlife Conference. The conference provides concurrent sessions with presentations addressing well-established management practices as well as emerging ecosystem issues, while offering certification and continuing education credits to attendees. The knowledge gained by the attendees can have a large multiplier effect when considering the amount of land resources the attendees have the potential to impact. For example, in one year the conference attendees represented 18 different park districts that had management responsibilities for over 90,000 acres of Ohio's park lands. Conference information is available on the Ohio Woodland Stewards website.



Soil Health Program

The Soil Health program is an outreach effort to educate and engage with stakeholders (farmers, gardeners, homeowners) on holistic management of soils. Soil health integrates soil chemical, biological and physical properties into a single framework. This program provides support for quantifying soil health and for management practices that foster soil health. The program also engages with growers through on-farm research.





THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

<http://senr.osu.edu>