

Dr. Melissa M. Kreye

Curriculum Vitae

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The Pennsylvania State University
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Education

Ph D, University of Florida, Gainesville, Florida, USA, 2016.
Major: Forest Resources and Conservation
Supporting Areas of Emphasis: Forest Economics
Dissertation Title: Valuing forest conservation programs to protect water quality

MS, Humboldt State University, Arcata, California, USA, 2008.
Major: Fisheries Biology
Supporting Areas of Emphasis: Wastewater Utilization
Dissertation Title: Metal accumulation in gill epithelial and liver tissue in Steelhead trout (Oncorhynchus mykiss) reared in reclaimed wastewater

BS, Humboldt State University, Arcata, California, USA, 2004.
Major: Fisheries Biology

Professional Positions

Academic

Assistant Professor of Forest Resources Management, Pennsylvania State University. (January 21, 2018 - Present).
Tenure line research (25%) and extension (75%) appointment

Post-Doctoral Fellow, University of Florida. (July 1, 2016 - December 30, 2018).
Fellow for the USDA Agriculture, Food and Research Initiative Post-Doctoral Research and Instruction. Examined forest-water policy opportunities in the southeastern US.

Post-Doctoral Researcher, University of Florida. (June 1, 2014 - May 30, 2015).
Post-Doctoral Researcher in the Department of Wildlife Ecology and Conservation. Examined the efficacy of economic solutions for conserving habitat for the Florida Panther on private lands.

Biological Technician, Humboldt State University. (January 1, 2006 - December 30, 2007).
Conducted water quality monitoring for the Wastewater Aquaculture program and the Arcata Wastewater Facility.

Project Manager, Humboldt State University. (January 1, 2006 - December 30, 2007).
Oversaw operations at the Arcata Wastewater Aquaculture Program.

Fisheries Technician, Humboldt State University. (January 1, 2003 - December 30, 2004).
Assisted with operations at the university fish hatchery.

Government

Fisheries and Wildlife Technician GS-2 and 3, United States forest Service: Lassen National Forest. (January 1, 2000 - August 1, 2002).

Conducted monitoring activities associated with forest and wildlife management plans.

Professional

Program Coordinator, Cooperative for Conserved Forest Ecosystems: Outreach and Research. (January 1, 2008 - December 30, 2014).

Oversaw operations associated with research and outreach programs addressing forest conservation issues in Florida. Housed in the School of Forest Resources and Conservation at the University of Florida.

Fisheries and Hydrological Technician, Scotia Pacific Company. (January 1, 2004 - December 30, 2005).

Conducting monitoring procedures associated with watershed and timber management plans.

EXTENSION

Extension Instruction

3 unique programs, 83 extension courses or events since 2019, 9,000+ participants, multistate audiences

Established Programs

1. Program Director, “*Forest Owner Carbon and Climate Education Program*”. This award-winning nationally recognized program is a collaboration between 13 Extension institutions and 3 USDA Climate Hubs. <https://sites.psu.edu/focce/>
 - a. Lead Instructor, On-line and in-person extension presentations. These presentations offer landowners and professionals an introduction to forest carbon markets and climate-smart forestry. I conducted 12 events through Penn State Extension, and 24 events as an invited speaker, between 2020 to 2023 reaching over 3,300 participants nationwide. Direct instruction was further supported by a library of over 20 extension articles on climate-smart forestry.
 - b. Lead Instructor, On-Line peer education course, “*Legacy Planning and Forest Carbon*”, through Penn State Extension and Clemson Cooperative Extension Service. A multistate pilot program was launched in June 2023 with 10 women forest owner participants. Curriculum was delivered using assigned readings and group activities. 10 hours of training. This new program will be offered annually.
 - c. Lead Instructor, On-Line professional development course for educators, “*Extension Educator Training Course: Carbon Incentives for Forest Owners*”, This pilot program was launched through Penn State Extension on March 8, 2023, reaching 89 participants nationwide with 10 hours of training. The curriculum was delivered using a combination of direct instruction and panel discussions and was supported with a 47-page training manual. This new program will be offered annually <https://sites.psu.edu/focce/events/>
2. Program Director, “*Forest Benefits and Values*”. This award winning nationally recognized program a collaboration between extension professionals at Penn State and delivered using team-teaching methods. <https://ecosystems.psu.edu/research/labs/forest-benefits-and-values-lab>
 - a. Lead-instructor and Co-Instructor, 12 online events (1-3 hours) were delivered through Penn State Extension between 2019 to 2021 reaching over 2,300 participants nationwide. Topics incorporated my research on economic and social benefits provided by endangered species, bird conservation, watershed protection, prescribed fire and forest foraging. Curriculum was developed in collaboration with

research faculty and supplemented with extension articles and a research-based calculator tool.

- b. Co-Director and Co-Instructor, Professional development course for peer-educators, "*Effective Environmental Outreach Strategies*". Trainings provide peer-educators the skills needed to enhance impacts on human behavior and biodiversity conservation. A total of 19 events were delivered through Penn State Extension (in-person and online) from 2019 to 2022 to over 1,200 participants nationwide. Trainings (1 to 3 hours) included direct instruction and was supplemented with a 32-page guidebook and planning tools. Audiences largely came from the Mid-Atlantic region of the US.
 - c. Co-Director and Co-Instructor, On-line extension presentations, "*Advice from the Woods*". I participated in eight online events through Penn State Extension reaching over 1,400 participants from 2020 to 2023. This program uses a panel of forestry and wildlife extension professionals to tackle commonly-asked questions as a team. Topics I addressed include human wildlife conflict, carbon markets, and prescribed fire. Audiences come from Pennsylvania, Maryland, Ohio, Virginia, New Jersey, Oklahoma, West Virginia, Delaware, Maine, Massachusetts, New York, and Vermont.
3. Co-Director and Co-Instructor, Professional development course for graduate students, "*Broadening Extension through Graduate Student Training (BEST)*". This non-credit course was held in person in June 2022 and June 2023 at the Pennsylvania State University main campus. The program is led by 6 extension faculty and enrolled 51 graduate students from the Penn State College of Agricultural Sciences. My part of the training involves 15 hours of direct instruction, panel discussions and guest speakers. Certificates of completion were provided to students.

Invited Speaker Events

1. Virginia Forest Products Summit, Hot Springs, VA, Fall (September 2023)
2. Three Rivers Land Trust, Mooresville, NC, Summer (August 2023).
3. Forest Landowners Association, National Conference, Nashville, TN, Summer (June 2023)
4. Virginia Forestry Summit on Climate Change, Williamsburg, VA, Spring (May 27, 2023).
5. Wisconsin Farm Bureau, Spring (April 12, 2023).
6. Pennsylvania Forest Landowners Conference, State College, PA, Spring (March 25, 2023).
7. Pennsylvania Northwest Woodland Owners Association, Erie, PA, Spring (March 18, 2023).
8. Southern Allegheny Woodlands Owner's Association, Bedford, PA, Spring (March 11, 2023).
9. Virginia Tech Symposium on Forest Carbon, Williamsburg, VA, Spring (March 3, 2023).
10. Pennsylvania North Central Woodland Owners Association, Spring (February 23, 2023).
11. Florida Forest Service CFA Meeting, Spring (February 14, 2023).
12. USDA Northeast Climate Hub, Fall (December 6, 2022).
13. Pennsylvania Forestry Association, State College, Fall (November 5, 2022).
14. South Dakota Society of American Foresters Fall Conference, Fall (October 21, 2022).
15. South Dakota Department of Agriculture and Natural Resources, Fall (October 16, 2022).
16. Arkansas Forestry Association, Little Rock, AR, Fall (October 12, 2022).
17. Forest Landowner Association- Forest Carbon University, Fall (September 8, 2022).
18. Special Focus Sessions of the FIA National User Group, Spring (March 25, 2022).
19. 2022 Watershed Forestry Summit- PA Bureau of Forestry, Spring (March 2, 2022).
20. Central State Foresters and Forestry POC, Spring (February 14, 2022).
21. Pennsylvania Hardwood Development Council, Spring (February 10, 2022).
22. University of Alaska, Fairbanks, AK, Summer (June 25, 2022).

23. South Dakota Department of Agriculture and Natural Resources, Fall (November 13, 2021).
24. Southern Regional Extension Forestry, Fall (September 2, 2021).

Other Extension Presentations

1. Ag Progress Days, State College, PA, Summer (August 11, 2022).
2. Penn State Energy Days, Spring (May 26, 2022).
3. College Connections webinar series, Spring (April 20, 2022).
4. Bio renewables Symposium 2022, Institutes for Energy and the Environment and SAFES Institute at Penn State, Spring (April 2, 2022).
5. Water Cooler Talk, Penn State Extension Water Team, Fall (October 27, 2021)
6. Community Stewardship Leadership Program, Master Gardner Programs, Summer (June 1, 2021).
7. Ag Progress Days, State College, PA, Summer (August 11, 2021).
8. Mainstreaming Biodiversity in the Decade of Action, Penn State Sustainability Institute, Spring (Jan 27, 2021).

Articles and Other Publications

55 extension publications since 2014, 39 lead author, 47,000+ views

Climate-smart Forestry Topics

1. Balawejder, K. (Author - Undergraduate Student), & Kreye, M. M. (2023). What Can Trees Tell Us About Climate Change? (pp. 2). Penn State Extension. <https://extension.psu.edu/what-can-trees-tell-us-about-climate-change>
2. El Afandi, G. S., & Kreye, M. M. (50%) (2023). Climate Regulation and Change: What is Causing it? Penn State Extension. Peer Reviewed. <https://extension.psu.edu/climate-regulation-and-change-what-is-causing-it>
3. Tanger, S., VanderSchaff, C., Sueseta, A., Kreye, M. M. (30%), & Norman, C. (2023). Carbon Accounting in Forest Management. (pp. 4). Penn State Extension. Peer Reviewed. <https://extension.psu.edu/carbon-accounting-in-forest-management>
4. Kreye, M. M. (80%), Kowalczyk, T., Khanal, P., & Sharma, S. (2023). How Much Should I be Paid to Manage Forest Carbon? (pp. 4). Penn State Extension. Peer Reviewed. <https://extension.psu.edu/how-much-should-i-be-paid-to-manage-forest-carbon>
5. Kreye, M. M. (50%), VanderSchaaf, C., Kowalczyk, T., & Clay, K. (2023). How to Manage Forests for Carbon: An Introduction for Family Forest Owners. (pp. 4). Penn State Extension. Peer Reviewed. <https://extension.psu.edu/how-to-manage-forests-for-carbon-an-introduction-for-family-forest-owners>
6. Tanger, S., VanderSchaff, C., Susaeta, A., & Kreye, M. M. (25%) (2023). Long-Term Financial Planning for Timber and Carbon. (pp. 4). Penn State Extension. Peer Reviewed. <https://extension.psu.edu/long-term-financial-planning-for-timber-and-carbon>
7. Kreye, M. M. (2023). The Economic Value of Private Forests and Climate Change Mitigation. (pp. 5). Penn State Extension. Peer Reviewed. <https://extension.psu.edu/the-economic-value-of-private-forests-and-climate-change-mitigation>
8. Cushing, T., Norman, C., Kreye, M. M. (25%), & Tanger, S. (2023). What Should I Think About Before Signing a Forest Carbon Contract? (pp. 4). Penn State Extension. Peer Reviewed. <https://extension.psu.edu/what-should-i-think-about-before-signing-a-forest-carbon-contract>
9. Kreye, M. M. (50%), Norman, C., & Sharma, S. (2023). Case Study 2: Three Landowners' Experiences with Climate Smart Forestry Programs. (pp. 4). Penn State Extension. Peer

Reviewed. <https://extension.psu.edu/case-study-2-three-landowners-experiences-with-climate-smart-forest-programs>

10. Tanger, S., Vanderschaff, C., Susaeta, A., & Kreye, M. M. (25%) (2023). Conversions Commonly Used When Comparing Timber and Carbon Values. (pp. 4). Penn State Extension. Peer Reviewed. <https://extension.psu.edu/conversions-commonly-used-when-comparing-timber-and-carbon-values>
11. VanderSchaaf, C., Susaeta, A., Norman, C., & Kreye, M. M. (25%) (2023). Forest Carbon Pools: Where are they? Penn State Extension. Peer Reviewed. <https://extension.psu.edu/forest-carbon-pools-where-are-they>
12. VanderSchaaf, C., Tanger, S., Susaeta, A., Kreye, M. M. (20%), & Norman, C. (2023). Methods for Estimating Carbon Within Forests. Penn State Extension. Peer Reviewed. <https://extension.psu.edu/methods-for-estimating-carbon-within-forests>
13. Kreye, M. M. (2023). Resources for Family Forest Owners: Carbon Markets and Climate-Smart Forestry. (pp. 2). Penn State Extension. Peer Reviewed. <https://extension.psu.edu/resources-for-family-forest-owners-carbon-markets-and-climate-smart-forestry>
14. Norman, C., & Kreye, M. M. (Co-Author, 30%) (2023). Case Study 1: Two Landowners' Experiences With Carbon Payment Programs. Penn State Extension. Peer Reviewed. <https://extension.psu.edu/case-study-1-two-landowners-experiences-with-carbon-payment-programs>
15. Kreye, M. M. (Co-Author, 50%), & Norman, C. (2022). Cómo los bosques almacenan el carbono. Penn State Extension. Peer Reviewed. (pp. 3). <https://extension.psu.edu/como-los-bosques-almacenan-el-carbono>
16. Kreye, M. M. (Co-Author, 50%), & Norman, C. (2022). What do Forest Carbon and Sequestration and Storage Mean? (pp. 2). Penn State Extension. Peer Reviewed. <https://extension.psu.edu/what-do-forest-carbon-sequestration-and-storage-mean>
17. Norman, C., & Kreye, M. M. (Co-Author, 50%) (2021). Questions to Ask Before Joining a Carbon Program. Penn State Extension. Peer Reviewed. <https://extension.psu.edu/questions-to-ask-before-joining-a-carbon-program>
18. Kreye, M. M. (Author, 50%), & Norman, C. (2020). Carbon Markets 101. Penn State Extension. Peer Reviewed. <https://extension.psu.edu/carbon-markets-101>
19. Norman, C., & Kreye, M. M. (Co-Author, 30%) (2020). How Forests Store Carbon. Penn State Extension. Peer Reviewed. <https://extension.psu.edu/how-forests-store-carbon>
20. Kreye, M. M. (Author 100%) (2019). Pennsylvania's Potential for Reducing Carbon Emissions using Private Forests. Penn State Extension. Peer Reviewed. <https://extension.psu.edu/pennsylvanias-potential-for-reducing-carbon-emissions-using-private-forests>
21. Kreye, M. M. (Author 75%) (2023). Facts about Forest Carbon and Carbon Markets. Penn State Extension. <https://sites.psu.edu/focce/files/2023/04/Facts-about-Forest-Carbon-Markets.pdf>

Wildlife Conservation Topics

1. Kreye, J., Kreye, M. M. (Co-Author, 30%), Zetwick, D. (Student Author - Undergraduate Student), Kline, H. (Student Author - Undergraduate Student), Regensburger, J. (Student Author - Undergraduate Student), & Grove, C. (Student Author - Undergraduate Student) (2021). Protected Species in Pennsylvania: The Bog Turtle. Penn State Extension. <https://extension.psu.edu/protected-species-in-pennsylvania-the-bog-turtle>

2. Kreye, J., Kreye, M. M. (Co-Author, 30%), Cunfer, N. (Student Author - Undergraduate Student), Gutshall, L. (Student Author - Undergraduate Student), Powers, E. (Student Author - Undergraduate Student), & Tomko, G. (Student Author - Undergraduate Student) (2021). Protected Species in Pennsylvania: Long-eared Owl. Penn State Extension. <https://extension.psu.edu/protected-species-in-pennsylvania-long-eared-owl>
3. Kreye, J., Kreye, M. M. (Co-Author, 50%), Schugt, B. (Student Author - Undergraduate Student), Stafford, M. (Student Author), Knipe, D. (Student Author - Undergraduate Student), & Gershey, J. (Student Author - Undergraduate Student) (2021). Protected Species in Pennsylvania: Allegheny Woodrat. Penn State Extension. <https://extension.psu.edu/protected-species-in-pennsylvania-allegheny-woodrat>
4. Kreye, M. M. (Author, 30%), Kreye, J., Cameron, C. (Student Author - Undergraduate Student), Kozlowski, T. (Student Author - Undergraduate Student), Crofton, A. (Student Author - Undergraduate Student), & Wenrick, D. (Student Author - Undergraduate Student) (2021). Protected Species in Pennsylvania: Blackpoll Warbler. Penn State Extension. <https://extension.psu.edu/protected-species-in-pennsylvania-blackpoll-warbler>
5. Kreye, M. M. (Author, 25%), Kreye, J., Lawrence, A. (Student Author - Undergraduate Student), Manslowski, X. (Student Author - Undergraduate Student), Wolfinger, A. (Student Author - Undergraduate Student), Lovasik, K. (Student Author - Undergraduate Student), & Spangeburg, K. (Student Author - Undergraduate Student) (2021). Protected Species in Pennsylvania: Northern Flying Squirrel. Penn State Extension. <https://extension.psu.edu/protected-species-in-pennsylvania-northern-flying-squirrel>
6. Kreye, M. M. (Author, 30%), Kreye, J., Lannan, A. (Student Author - Undergraduate Student), Sabol, C. (Student Author - Undergraduate Student), Knecht, B. (Student Author - Undergraduate Student), & Williams, B. (Student Author - Undergraduate Student) (2021). Protected Species in Pennsylvania: Yellow-bellied Flycatcher. Penn State Extension. <https://extension.psu.edu/protected-species-in-pennsylvania-yellow-bellied-flycatcher>
7. Kreye, J., Kreye, M. M. (Co-Author, 25%), Groshek, B. (Student Author - Undergraduate Student), Hawthorne, N. (Student Author - Undergraduate Student), Patterson, E. (Student Author - Undergraduate Student), Pauletta, A. (Student Author - Undergraduate Student), & Woodring, C. (Student Author - Undergraduate Student) (2021). Restoring Pennsylvania's Game Birds. Penn State Extension. <https://extension.psu.edu/restoring-pennsylvanias-game-birds>
8. Sharma, S. (Graduate Student), & Kreye, M. M. (Co-Author, 50%) (2021). Bird Friendly Forestry on Private Lands in Pennsylvania. Penn State Extension. <https://extension.psu.edu/bird-friendly-forestry-on-private-lands-in-pennsylvania>
9. Werner, P. (Graduate Student), Kreye, M. M. (Co-Author, 15%), & Avery, J. (2021). The Need for Turtle Conservation in Pennsylvania. Penn State Extension. <https://extension.psu.edu/the-need-for-turtle-conservation-in-pennsylvania>
10. Kreye, M. M. (Co-Author, 30%), Kreye, J., Lange, K. (Student Author - Undergraduate Student), Ensor, B. (Student Author - Undergraduate Student), Clark, J. (Student Author - Undergraduate Student), & Garner, Z. (Student Author - Undergraduate Student) (2021). The Indiana Bat: An Endangered Species in Pennsylvania. Penn State Extension. <https://extension.psu.edu/the-indiana-bat-an-endangered-species-in-pennsylvania>
11. Kreye, M. M. (2019). Understanding the Value of Wildlife in Pennsylvania. Penn State Extension. <https://extension.psu.edu/understanding-the-value-of-wildlife-in-pennsylvania>
12. Kreye, M. M. (Author, 70%), Pienaar, E., Soto, J., & Adams, D. (2016). Creating voluntary payment programs effective program design and ranchers' willingness to conserve Florida panther habitat. Wildlife Management. Peer Reviewed. Colorado State University. DOI: <http://dx.doi.org/10.25675/10217/180979>

13. Kreye, M. M. (Author, 60%), & Pienaar, E. (2016). Government Efforts to Protect Habitat for the Florida Panther on Private Lands: WEC368/UW413, 9/2016. EDIS. (85th), (pp. 5). University of Florida. Peer Reviewed. <https://journals.flvc.org/edis/article/view/128031>
14. Kreye, M. M. (Author, 60%), Pienaar, E., & Boughton, R. (2016). Landowner Cost-Share Incentives and Payments for Ecosystem Services: A Comparison of Key Program Features: [WEC370](#). University of Florida. Peer Reviewed.
15. Kreye, M. M. (Author, 70%), Pienaar, E., Boughton, R., & Wiggins, L. (2016). Safe Harbor Agreement: A Regulatory Assurance under the Endangered Species, WEC358/UW403, 12/2015. 1(3). University of Florida. Peer Reviewed. <https://journals.flvc.org/edis/article/view/127688>.
16. Kreye, M. M. (Author, 50%), & Pienaar, E. (2014). Protecting the Florida panther and panther habitat on private lands: conflicts and management. Biodiversity, Threatened and Imperiled Species. Colorado State University. Peer Reviewed. <http://dx.doi.org/10.25675/10217/86346>

Forest Conservation Topics

1. Kreye, M. M. (Author, 80%), Sharma, S. (Student Author - Graduate Student), & Gardner, B. (Student Author - Undergraduate Student) (2021). Understanding of Ecosystem Service Values by Conservation Professionals in the Northeastern US. *Connect Extension*. (pp. 3). (blog) <https://connect.extension.org/blog/interest-in-understanding-ecosystem-service-values-by-conservation-professionals-in-the-northeastern-us>
2. Kreye, J., Kreye, M. M. (Co-Author, 20%), Regmi, A. (Co-Author - Graduate Student), Seifert, J. (Student Author - Undergraduate Student), Incollingo, T. (Student Author - Undergraduate Student), & Houston, E. (Student Author - Undergraduate Student) (2020). Prescribed Fire: Does It Have a Place on My Land? Penn State Extension. Peer Reviewed. <https://extension.psu.edu/prescribed-fire-does-it-have-a-place-on-my-land>
3. Kreye, M. M. (Author, 100%) (2020). Tips for Measuring Impact in Environmental Education and Outreach. Penn State Extension. <https://extension.psu.edu/tips-for-measuring-impact-in-environmental-education-and-outreach>
4. Kreye, M. M. (Author, 100%) (2020) Impact calculator tool for environmental educators. Penn State Extension <https://ecosystems.psu.edu/research/labs/forest-benefits-and-values-lab/extension-products/tools>
5. Kreye, M. M. (Author, 100%) (2020). Public Demand for Forest Conservation and Water Protection in PA. Penn State Extension. Peer Reviewed. <https://extension.psu.edu/public-demand-for-forest-conservation-and-water-protection-in-pa>
6. Kreye, M. M. (Author, 100%) (2020). Benefit transfer tool for forest-water protection values. Penn State Extension <https://ecosystems.psu.edu/research/labs/forest-benefits-and-values-lab/extension-products/tools>
7. Kreye, M. M. (Author, 100%) (2019). Strategic Messaging: A Guide for Leaders and Officials. Penn State Extension. Peer Reviewed. <https://extension.psu.edu/strategic-messaging-a-guide-for-leaders-and-officials>
8. Kreye, M. M. (Author, 100%) (2019). Voter Behavior Towards Natural Areas Protection. Penn State Extension. Peer Reviewed. <https://extension.psu.edu/voter-behavior-towards-natural-areas-protection>
9. Kreye, M. M. (Author, 100%) (2019). Why Do Unplanned or Poorly Planned Timber Harvests Occur? Penn State Extension. Peer Reviewed. <https://extension.psu.edu/why-do-unplanned-or-poorly-planned-timber-harvests-occur>

10. Kreye, M. M. (Author, 70%), Pienaar, E., Boughton, R., & Wiggins, L. (2016). Using the Ecosystem Services Approach to Advance Conservation Efforts on Private Lands, [WEC369](#). University of Florida. Peer Reviewed.
11. Kreye, M. M. (Author, 70%), Escobedo, F., Adams, D., Stein, T., & Borisova, T. (2013). Valuing the Ecosystem Services of Florida's Forest Conservation Programs: The Economic Benefits of Protecting Water Quality: FOR309/FR377, 4/2013. University of Florida. Peer Reviewed. <https://doi.org/10.32473/edis-fr377-2013>

Extension Books and Training Materials

1. Kreye M., (Author 75%), C. Norman, and K. Brooks (Eds.) (2023). Forest Owner Carbon and Climate Education Educator Guidebook. Part 1: Carbon Incentives for Forest Owners (Pre-press version). The Forest Owner Carbon and Climate Education Program, Department of Ecosystem Science and Management, Pennsylvania State University, University Park, PA. Peer Reviewed. <https://sites.psu.edu/focce/resources/resources-for-educators/>
2. Kreye, M. M. (Author 100%) (2021). Strategies for Assessing Short-Term Impact in Environmental Education: A guide for outreach professionals. (32 pp). University Park, PA: Penn State Extension. Peer Reviewed. <https://extension.psu.edu/strategies-for-conducting-a-short-term-impact-analysis-a-guide-for-environmental-education-and-outreach-programs>
3. Kreye, M. M., (Author 75%) Adams, D., Ghimire, R., Morse, W., Stein, T., & Bowker, J.M. (2017). Forest Ecosystem Services and Cultural Values. (Gen. Tech. Rep. SRS-226.), (pp. 17). Asheville, NC: U.S. Department of Agriculture Forest Service, Southern Research Station. Peer-reviewed/refereed. DOI: <https://doi.org/10.2737/SRS-GTR-226>

Newsletter

- Kreye, M. M. (2019). In Melissa Kreye (Ed.), The Conservation Current Quarterly newsletter (2019). (4 editions) Penn State Forest Benefits and Values Program.

RESEARCH

Research Publications

18 peer-reviewed papers since 2014 (9 lead author), 267 total citations, 1 paper with 70 citations, h-index = 9.

1. Regmi, A. (Student Author - Graduate Student), Kreye, M. M. (Co-Author, 30%), & Kreye, J. (2023b). Forest Landowner Values and Perspectives of Prescribed Fire in the Northeast/Mid-Atlantic Region of the United States. *Journal of Fire Ecology* (in press). Graduate student research.
2. Freeman, S., Taff, B., Lawhon, B., Benfield, J., Kreye, M. M. (10%), Newton, J., Miller, L., & Newman, P. (2023). The Impact of Message Framing on Wildlife Approach During Ungulate Viewing Experiences in the Greater Yellowstone Ecosystem. *Journal of Interpretation Research* 28(1), 7-24. DOI: <https://doi.org/10.1177/10925872231157596>. Graduate student research.
3. Regmi, A. (Student Author - Graduate Student), Kreye, M. M. (Co-Author, 30%), & Kreye, J. (2023a). Forest landowner demand for prescribed fire as an ecological management tool in Pennsylvania, USA. *Forest Policy and Economics* 148. DOI: <https://doi.org/10.1016/j.forpol.2022.102902> Graduate student research.
4. Sharma, S. (Author - Graduate Student), & Kreye, M. M. (Co-Author, 50%) (2022b). Forest Owner Willingness to Accept Payment for Forest Carbon in the United States: A Meta-analysis. *Forests* 13(9). DOI: <https://doi.org/10.3390/f13091346> Graduate student research.
5. Sharma, S. (Primary Author - Graduate Student), & Kreye, M. M. (Co-Author, 30%) (2022a). Social Value of Bird Conservation on Private Lands in Pennsylvania. *Ecological Economics* 196(107426). DOI: <https://www.sciencedirect.com/science/article/pii/S092180092200088X> Graduate student research.

6. Sharma, S. (Author - Graduate Student), & Kreye, M. M. (Co-Author, 50%) (2021). Public Attitudes towards Birds and Private Forest Land Conservation. *Society and Natural Resources* 12(11). DOI: <https://doi.org/10.3390/f12111525> Graduate student research.
7. Kreye, M. M. (Author, 75%), Adams, D., Soto, J., Rimsaite, R. (Co-Author - Postdoctoral Student), & Tanner, S. (2021). Economic and Ethical Motivations for Forest Restoration and Incentive Payments. *Society and Natural Resources*. DOI: <https://doi.org/10.1080/08941920.2021.1938320> Post-doctoral scholars.
8. Rimstaite, R. (Author - Postdoctoral Student), & Kreye, M. M. (Co-Author, 50%) (2021). Assessing the Value Extension Adds to Decision Making among Natural Resources Leaders. *Journal of Extension* 59(1). ISBN/ISSN: EISSN-1077-5315. Post-doctoral scholar.
9. Sellers, S. (Primary Author - Graduate Student), Kreye, M. M. (Co-Author, 35%), Carney, T. (Co-Author - Graduate Student), Ward, L., & Adams, D. (2021). Can Payments for Watershed Services Help Advance Restoration of Longleaf Pine?: A Critically Engaged Research Approach. *Forests* 12(279), 32. DOI: <https://doi.org/10.3390/f12030279> Graduate student research.
10. Kreye, M. (Author, 80%), Adams, D. C., & Kline, J. D. (2019). Gaining Voter Support for Watershed Protection. *Land Use Policy* 89. <https://doi.org/10.1016/j.landusepol.2019.104227>, My dissertation research.
11. Kreye, M. (Author, 50%), Rimsaite, R., & Adams, D. C. (2019). Public Attitudes about Private Forest Management and Government Involvement in the Southeastern United States. *Forests* 10(9). DOI: <https://doi.org/10.3390/f10090776>, ISBN/ISSN: 10.3390/f10090776. Post-doctoral scholar.
12. Kreye, M. (Author, 60%), Adams, D. C., & Ober, H. K. (2018). Protecting Imperiled Wildlife Species on Private Lands: Forest Owner Values and Response to Government Interventions. *Ecological Economics* 149, 254-264. DOI: <https://doi.org/10.1016/j.ecolecon.2018.03.016>, ISBN/ISSN: 0921-8009. My post-doctoral research.
13. Kreye, M. (Author, 50%), Pienaar, E. F., Soto, J. R., & Adams, D. C. (2017). Creating Voluntary Payment Programs: Effective Program Design and Ranchers' Willingness to Conserve Florida Panther Habitat. *Land Economics* 93(3), 459-480. DOI: <https://doi.org/10.3368/le.93.3.459>, ISBN/ISSN: 0023-7639. My post-doctoral research.
14. Kreye, M. (Author, 60%), Pienaar, E. F., & Adams, A. E. (2017). The Role of Community Identity in Cattlemen Response to Florida Panther Recovery Efforts. *Society & Natural Resources* 30(1), 79-94. DOI: <https://doi.org/10.1080/08941920.2016.1180730>, ISBN/ISSN: 0894-1920. My post-doctoral research.
15. Kreye, M. (Author), Adams, D. C., Escobedo, F. J., & Soto, J. R. (2016). Does policy process influence public values for forest-water resource protection in Florida? *Ecological Economics* 129, 122-131. DOI: <https://doi.org/10.1016/j.ecolecon.2016.06.007>, ISBN/ISSN: 0921-8009 My dissertation research.
16. Kreye, M. M. (Author, 50%), & Pienaar, E. (2015). A Critical Review of Efforts to Protect Florida Panther Habitat on Private Lands. *Land Use Policy*. ISBN/ISSN: 10.1016/j.landusepol.2015.06.018. My post-doctoral research.
17. Pienaar, E. F., Kreye, M. (Author, 50%), & Jacobs, C. (2015). Conflicts between Cattlemen and the Florida Panther: Insights and Policy Recommendations from Interviews with Florida Cattlemen. *Human Ecology* 43(4), 577-588. DOI: <https://doi.org/10.1007/s10745-015-9765-x>, ISBN/ISSN: 0300-7839. My post-doctoral research.
18. Kreye, M. M. (Author, 80%), Adams, D. C., & Escobedo, F. (2014). The Value of Forest Conservation for Water Quality Protection. *5*(5), 862. DOI: <https://doi.org/10.3390/f5050862>, ISBN/ISSN: 1999-4907. My dissertation research.

Professional Oral Presentations

53 since 2010, presenter for 31, 8 invited, 27 national venues, 1 international venue

1. Kreye, M. M. (Author and Presenter), Regmi, A., & Kreye, J. (August 29, 2023). "Landowner Perceptions and Values for Prescribed Fire in the Northeast Region," Northeast-Midwest Prescribed Fire Science and Management Workshop, Madison, WI. Invited. Regional.
2. Kreye, M. M. (May 10, 2023). "Ecosystem Markets and Prescribed Fire," National Mitigation Banking Association, Jacksonville, FL, 45 in attendance, Invited. National.
3. Regmi, A., Kreye, M. M. (Author and Presenter), & Kreye, J. (March 24, 2023). "Landowner Values and Perspectives of Prescribed Fire," Pennsylvania Forest Landowner Conference, Jim Finley Center for Private Forests, State College, PA, 35 in attendance, Accepted. Regional.
4. Neupane, K., & Kreye, M. M. (Author and Presenter). (March 24, 2023). "Women's Perceptions of Forest Management and Climate Change in the Eastern US," Pennsylvania Forest Landowner Conference, Jim Finley Center for Private Forests, State College, PA, 37 in attendance, Accepted. Regional.
5. Regmi, A., Kreye, M. M. (Co-author and presenter), & Kreye, J. (October 6, 2022). "Private Forest Landowner Perspectives of Prescribed Fire across the Northeastern US," Fire Across Boundaries: Connecting Science and Management Conference, Association for Fire Ecology and Pau Costa's, Florence, Italy, 200 in attendance, Accepted.
6. Sharma, S., & Kreye, M. M. (Co-Author). (September 28, 2022). "Bird Friendly Forestry on Private Lands in Pennsylvania.," State College Bird Club Annual Meeting, State College, PA, 30 in attendance. Invited.
7. Kreye, M. M. (Author and presenter), & Norman, C. (September 25, 2022). "Forest Owner Carbon and Climate Education Program," Society of American Foresters Annual Convention, Baltimore, MD, 50 in attendance, Accepted.
8. Regmi, A., Kreye, M. M. (Co-Author), & Kreye, J. (September 25, 2022). "The use of prescribed burning in the Mid-Atlantic forests: Private Forest landowners' perspectives.," Society of American Foresters Annual Convention, Baltimore, MD, 35 in attendance, Accepted.
9. Sharma, S., Kreye, M. M. (Co-Author), & Kreye, J. (September 22, 2022). "Willingness to Accept (WTA) payment for carbon sequestration among private forest landowners in the USA: A meta-analysis." Society of American Foresters (SAF) National Convention, Baltimore, MD, 60 in attendance, peer-reviewed/refereed. Accepted.
10. Regmi, A., Kreye, M. M. (Co-author), & Kreye, J. (September 6, 2022). "Spatial Variation in Landowners Opinions of Prescribed Burning across the Mid-Atlantic Region," Natural Areas Conference, Duluth, MN. Accepted.
11. Regmi, A., Kreye, M. M. (Co-Author), & Kreye, J. (May 23, 2022). "The economic value of prescribed burning in northeastern forests.," International Society of Forest Resource Economics, Traverse City, MI. Accepted.
12. Kreye, M. M. (Author), Regmi, A., & Kreye, J. (May 23, 2022). "Forest Owner Perspectives of Prescribed Fire in the Mid-Atlantic region of the US.," International Society of Forest Resource Economics, Traverse City, MI. Accepted.
13. Kreye, M. M. (Author and Presenter). (April 21, 2022). "Designing a co-creation process for climate change related curriculum," Association of Natural Resource Professionals, Online, 35 in attendance, Accepted.
14. Regmi, A., Kreye, M. M. (Co-Author), & Kreye, J. (March 24, 2022). "The Value of Prescribed Burning in the Northeastern Forests," Graduate and Undergraduate Research Expo, Gamma Sigma Delta, State College, PA. Accepted.

15. Regmi, A., Kreye, M. M. (Co-author), & Kreye, J. (November 30, 2021). "The Value of Prescribed Burning in Northeastern Forests," 9th International Fire Ecology and Management Congress, Accepted. National.
16. Kreye, M. M. (November 4, 2021). "Conserving Charismatic and Iconic Forest Ecosystems on Private Lands," Society of American Foresters, Accepted. National.
17. Kreye, M. M. (Author and Presenter). (May 25, 2021). "Measuring Short Term Impact in Environmental Education," ANREP Annual Conference, Association of Natural Resource Extension Professionals, Accepted. Universities.
18. Kreye, M. M. (Author and Presenter). (April 7, 2021). "Social Value of Bird Conservation in PA," Energy and Environmental Economics Seminar, Penn State Department of Agricultural Economics and Rural Sociology, University Park, Invited. Universities.
19. Regmi, A., Kreye, M. M. (Co-Author), & Kreye, J. (March 23, 2021). "Forest Owner Values Towards Prescribed Fire in Pennsylvania," Gamma Sigma Delta 2021 Graduate and Undergraduate Research Expo, Accepted. Universities.
20. Sharma, S. & Kreye, M. M. (Co-Author). (December 16, 2020). "The Social Value of Bird Conservation on Private lands in Pennsylvania", " A Community on Ecosystem Services. Accepted.
21. Regmi, A. Kreye, M. M. (Co-Author), & Kreye, J. (December 16, 2020). "Willingness to Pay for Prescribed Fire on Private Lands in Pennsylvania.", " A Community on Ecosystem Services. Accepted.
22. Sharma, S. & Kreye, M. M. (Co-Author). (November 12, 2020). "The Social Value of Bird Conservation on Private lands in Pennsylvania", " The Western Pennsylvania Land Conservation Summit. Accepted.
23. Sharma, S., & Kreye, M. M. (Co-Author). (April 27, 2020). "The Social Value of Bird Conservation on Private lands in Pennsylvania", " Department of Ecosystem Science and Management Graduate Seminar. Accepted.
24. Kreye, M. M. (Author and Presenter), & Regmi, A. (January 4, 2020). "Landowner Demand for Prescribed fire in PA," Pennsylvania Prescribed fire Council Meeting, Gettysburg, PA, 250 in attendance, Invited.
25. Kreye, M. M. (Author and Presenter). (November 20, 2019). "Impact Assessment Tools for Fire Outreach Programs," 8th International Fire Ecology and Management Congress, Association for Fire Ecology, Tucson, AZ, Accepted.
26. Kreye, M. M. (Author), Rimsaite, R., & Adams, D. (November 2, 2019). "Public Attitudes Toward Timber Harvesting the Southeastern US," Society of American Foresters 2019 National Convention, Louisville, KY, 30 in attendance, Accepted.
27. Sharma, S., & Kreye, M. M. (Author). (October 8, 2019). "Social value of Bird Conservation in Pennsylvania," Natural Areas Association Conference, Natural Areas Association, Pittsburgh, PA, Accepted.
28. Kreye, M. M. (Author and Presenter). (March 22, 2019). "Understanding the Value of Wildlife in PA," Pennsylvania Forest Landowners Conference, PA Center For Private Forests, State College, Accepted.

Research Posters Presented

14 total since 2010, 7 as lead author and presenter, 4 posters received awards.

1. Regmi, A., Kreye, M.M. (Co-author), Kreye, J.K. 2023. Spatial analysis of forest owner perspectives of prescribed fire in Mid-Atlantic, USA. Presented at the Gamma Sigma Delta at Penn State Research Expo. March 30th (Awarded 1st place)

2. Regmi, A., Kreye, M. M. (Co-Author) & Kreye, J. (May 23, 2022). "Forest Owner Perspectives of Prescribed Fire in the Mid-Atlantic region of the US.," International Society of Forest Resource Economics, Traverse City, MI.
3. Regmi, A., Kreye, M. M. (Co-author), & Kreye, J. (September 6, 2022). "Spatial Variation in Landowners Opinions of Prescribed Burning across the Mid-Atlantic Region," Natural Areas Conference, Duluth, MN.
4. Regmi, A., Kreye, M.M. (Co-author), Kreye, J.K. 2023. Spatial analysis of forest owner perspectives of prescribed fire in Mid-Atlantic, USA. Presented at the Graduate Exhibition at Penn State University. March 24th (Awarded 1st place)
5. Regmi, A., Kreye, M. M. (Co-Author), & Kreye, J. (March 24, 2022). "The Value of Prescribed Burning in the Northeastern Forests," Graduate and Undergraduate Research Expo, Gamma Sigma Delta, State College, PA.
6. Regmi, A., Kreye, M. M. (Co-Author), & Kreye, J. (March 23, 2021). "Forest Owner Values Towards Prescribed Fire in Pennsylvania," Gamma Sigma Delta 2021 Graduate and Undergraduate Research Expo, Accepted. (Awarded 1st place) Universities.
7. Sharma, S., & Kreye, M. M. (Co-Author). (October 8, 2019). "Social value of Bird Conservation in Pennsylvania," Natural Areas Association Conference, Natural Areas Association, Pittsburgh, PA, Accepted. Poster of graduate student thesis research.
8. Kreye, M. M. (Author and Presenter). (March 2, 2018). "Managing for Ecosystem Services on Private Forest Lands: Best practices for non-market valuation," Pennsylvania State University Extension Conference, Pennsylvania State University, State College, PA, Accepted. State.
9. Kreye, M. M. (Author and Presenter). (March 2, 2018). "Water Resource Protection at the Ballot Box: Understanding Voter Preferences and Behavior," Pennsylvania State University Extension Conference, Pennsylvania State University, State College, PA, Accepted. State.

Grants and Sponsored Research

Over \$2.6 million in external research/extension funding, Lead PI for over \$2 million.

Fellowships

1. Kreye, M. M. (Principal Investigator, 100% credit), Fellowship, "Penn State Extension Fellowship Program," Penn State Extension, Penn State. Awarded: \$62,400. August 1, 2019 – 2021.
2. Kreye, J., Kreye, M. M. (Co-Investigator, 50% credit), & Regmi, A. (Graduate Student), Fellowship, "Demand for prescribed fire on private lands in the Mid-Atlantic United States," Joint Fire Sciences Fellowship Program, Federal Agencies. Awarded: \$25,000, August 5, 2020 - September 30, 2022.
3. Kreye, M. M. (Principal Investigator, 100% credit), Sharma, S. (Graduate Student), Fellowship, "Rob Olszewski Fellowship in Forest Policy & Analysis," Forest Landowners Association, Associations, Awarded: \$14,880, May 1, 2021 - May 31, 2022.

Grants

1. Kreye, J., Kreye, M. M. (Co-Investigator, 40% credit), Grant, "Resilience to Wildfire Impacts through Adaptation: Directing Support for Private Lands Burning in California," Joint Fire Sciences Program, Federal Agencies. Awarded: \$315,690. January 30, 2023 - December 31, 2025.
2. Kreye, M. M. (Principal Investigator, 50% credit), Muth, A., & Norman, C., Grant, "Forest Owner Carbon and Climate Education Program (FOCCE)," USDA National Institute of Food and Agriculture, Federal Agencies. Awarded: \$1,500,000. January 1, 2022 - December 31, 2025.

3. Kreye, M. M. (Principal Investigator, 100% credit), Grant, "Human-WTD Interactions and SARS-CoV-2 Risks," USDA Animal and Plant Health Inspection Service, Federal Agencies. Awarded: \$183,937. July 1, 2023 - June 30, 2024.
4. Kreye, M. M. (Principal Investigator, 50% credit), Parajuli, R. Khanal, P, Ruseva, T., Kowalczyk, T. Grant, "Social and economic impact of forest carbon markets in the Eastern US," U. S. Endowment for Forestry and Communities, Inc., Corporations. Awarded: \$149,287. June 1, 2022 - June 30, 2024.
5. Burkhart, E. P., Jacobson, M. G., Kreye, M. M. (Co-Investigator, 10% credit), Grant, "Improving Knowledge and Conservation of Pennsylvania Medicinal and Edible Plants," COP: Department of Conservation and Natural Resources, Commonwealth of Pennsylvania. Awarded: \$31,663. April 4, 2022 - October 31, 2023.
6. Mc Dill, M. E., Jacobson, M. G., Kreye, M. M. (Co-Investigator, 10% credit), Muth, A., Norman, C., Grant, "Evaluating the Feasibility of a Pennsylvania Forest Carbon Cooperative," USDA Forest Service, Federal Agencies. Awarded: \$50,000. September 23, 2021 - September 30, 2023.
7. Townsend, P., Kreye, M. M. (Co-investigator, 30% credit), Nash, A., & McCann, R., Grant, "Reaching Underrepresented in Climate Change Education (RUCCE): A National Approach for STEM," Washington State University, Universities and Colleges. Awarded: \$150,000 October 1, 2021 - September 30, 2023.
8. Kreye, M. M. (Principal Investigator, 100% credit), Grant, "Public Preferences for Policies that Protect Public Benefits, and Support Private Forest Landowners," USDA National Institute of Food and Agriculture, Federal Agencies. Awarded: \$139,770. August 1, 2018 - July 31, 2019.

Pending

Muth, A., Kreye, M. M. (Co-Investigator, 33% credit), "Legacy Mineland Restoration Planning Across Pennsylvania," COP: Department of Conservation and Natural Resources, Commonwealth of Pennsylvania. Total requested: \$100,000. Submitted: July 19, 2023.

Research Reports to Sponsor

Townsend, P., McCann, R., Kreye, M. M., Nash, A., *Climate Change Community Programs and Opportunities*. 30 pp. Annual Report, National Science Foundation. (August 2022).

Sharma, S., Kreye, M. M., *The Rob Olszewski Fellowship in Forest Policy & Analysis*. 10 pp. Final Report, Forest Landowner Association. (May 2022).

Kreye, M. M., *Forest Management and Social Values in Pennsylvania and the Mid-Atlantic Region*. 2 pp. Annual Report, USDA National Institute of Food and Agriculture. (February 2021 and 2020).

Kreye, J. Kreye, M. *Landowner Values for Prescribed Fire in the Mid-Atlantic Region*. 45 pp. Final Report, Joint Fire Sciences. (September 2022).

Kreye, M. M., *Public Preferences for Policies that Protect Public Benefits and Support Private Forest Landowners*. 10 pp. Final Report, USDA National Institute of Food and Agriculture. (July 31, 2019).

Students Advised

Advisor (7)

Nicholas Tait, Capstone Advisor, (August 27, 2023- Present)

Kripa Neupane, Doctoral Advisor and Committee Chair (August 27, 2022 - Present).

Arun Regmi, Doctoral Co-Advisor and Committee Chair (June 1, 2019 - July 24, 2023)

Paris Werner, Master's Co-Advisor (January 1, 2021 - May 2023).

Sadikshya Sharma, Master's Advisor and Committee Chair (January 1, 2019 - May 30, 2021).

Benjamin Gardner, Undergraduate Research Activity (September 1, 2018 - December 30, 2019).

Renata Rimsaite, Postdoctoral Advisor (June 18, 2018 - July 30, 2019).

Graduate Committees (8)

Sadikshya Sharma, Doctoral Committee (June 1, 2021 - Present).
Tyler Carney, Doctoral Committee (January 1, 2021 - May 31, 2023).
Stephanie Freeman, Doctoral Committee (January 2021 - May 31, 2022).
Julissa Irizarry, Doctoral Committee (January 2021 - Present).
Cathryn Pugh, Master's Thesis Committee (July 1, 2019 - May 30, 2022).
Brianna Bonshock, Master's Thesis Committee (June 1, 2019 - May 30, 2021).
Vishnupriya Sankaraman, Doctoral Committee (September 1, 2018 - December 30, 2021).
Sean Sellers, Master's Thesis Committee (June 2020 - December 2020).

Teaching Experience

Pennsylvania State University

FOR 480, Natural Resources Policy and Administration, Co-instructor, 3 credit hours, 2 courses.
FOR 596, Individual Studies, 1 credit hour, 4 courses.
FOR 600, Thesis Research
FOR 601, Dissertation Research
FOR 602, Supervised Exp/Coll Teaching

Guest Lectures

FOR 480 Natural Resource Policy, Department of Ecosystem Science and Management, 25 participants, Internal to Penn State, Academic. Fall (March 23, 2022).
FOR 480 Natural Resource Policy, Department of Ecosystem Science and Management, 25 participants, Internal to Penn State, Academic. Fall (April 1, 2021).
FOR 440 Forest Conservation and Economics, Department of Ecosystem Science and Management, 20 participants, Internal to Penn State, Academic. Fall (October 14, 2020).
WFS 497 Avian Outreach, Department of Ecosystem Science and Management, 15 participants, Internal to Penn State, Academic. Fall (October 1, 2019).
WFS 497 Avian Outreach, Department of Ecosystem Science and Management, 15 participants, Internal to Penn State, Academic. Fall (September 1, 2018).

Professional Memberships

Association of Natural Resource Extension Professionals. Member (2019 - Present).
Association of Fire Ecology. Member (2019 – Present).
Pennsylvania Prescribed Fire Council. Member (2019 - Present).
Society of American Foresters. Member (2012 - Present).

Awards and Honors

Integrated Research/Extension Team Award, College of Agricultural Sciences, Pennsylvania State University. (November 2022).

Gold Level Award for Innovative Natural Resource Program, Association for Natural Resource Extension Professionals. (November 25, 2022).

Media Attention

Article, "Pa. private forest landowners want to use controlled fire to manage their woods," Internet, Penn State Press Release. (February 16, 2023).

<https://www.psu.edu/news/research/story/pa-private-forest-landowners-want-use-controlled-fire-manage-their-woods/>

Article, "Faculty in College of Ag Sciences recognized for research achievements," Internet, Penn State press release. (November 8, 2022). <https://www.psu.edu/news/agricultural-sciences/story/faculty-college-ag-sciences-recognized-research-achievements/>

Article, "USDA Invests \$9M to Expand Reach and Increase Adoption of Climate-Smart Practices," Internet, USDA Press Release. (January 12, 2022). <https://www.nifa.usda.gov/about-nifa/press-releases/usda-invests-9m-expand-reach-increase-adoption-climate-smart-practices>

Article, "Although most support avian conservation, few recognize current plight of birds," Penn State press release. (December 15, 2021). <https://www.psu.edu/news/research/story/although-most-support-avian-conservation-few-recognize-current-plight-birds/#:~:text=%E2%80%9CMost%20survey%20respondents%20believe%20that,over%20the%20last%2050%20years.>

Article, New at Penn State Extension: Forest Benefits and Values Program. Association of Natural Resource Extension Professionals (Summer 2019). <https://myemail.constantcontact.com/Summer-2019-News-from-ANREP.html?soid=1110910745893&aid=0qEPtleB0vQ>

SERVICE

Service to the Profession

Service to Conferences and Committees

Moderator. "Thursday Think Tank: The Changing Impact of Forests on Investments," Society of American Foresters National Convention, Baltimore, MD (2022)

Working Group Chair, E1 Policy and Economics Working Group, Society of American Foresters, 500 members (2021 -2022)

Special Session Coordinator and Moderator "Conserving Charismatic and Iconic Forest Ecosystems on Private Lands," Society of American Foresters, Online. (2021).

Co-Organizer, National Extension Climate Initiative World Cafe, Association of Natural Resources Extension Professionals. Online. (2020).

Moderator. "Innovation in Benefit Transfer Methods," Applications and Potential of Ecosystem Services Valuation within USDA, USDA, Washington, DC (2019).

Moderator. "Valuing Natural Areas," A Community on Ecosystem Services, University of Florida, Washington, DC, (2018)

Service to Governmental Agencies

Pennsylvania Woodland Stewardship Partnership, Committee Member. (2019-2023).

Pennsylvania Games Commission, Deer Management Plan, Panel Moderator (2019).

Peer Reviewer for Research Journals

Trees, Forests & People, Reviewer. (August 2023)

People and Nature, Reviewer. (December 10, 2020).

Forests, Reviewer. (September 9, 2019 - January 20, 2020).

Small-Scale Forestry, Reviewer. (October 10, 2019).

International Journal of Wildland Fire, Reviewer. (January 1, 2019).

Ecological Economics, Reviewer. (October 1, 2018).

Service to the University

College

Committee Work

Member, Extension Faculty Advisory Committee (2021 - Present).

Member, Forestry and Wildlife Extension Team, Committee Member (2018 - Present).

Member, Library Committee, Faculty Organization (2020 - 2021).

Member, Extension Awards Committee (2021 - 2022).

Participation in Development/Fundraising Activities

Member, Extension Professional Development Committee, Penn State Extension (2020).

Contributor, Strategic Planning Workshop, Human Dimensions of Natural Resources and the Environment Program (2019).

Participation in Governance Bodies and Related Activities

Member, Extension Faculty Advisory Committee to the Director (2018-Present).

Participation in Recruitment and Retention Activities

Search Committee Member, Extension Evaluation Director Position, (2019).

Department

Contributions to Programs to Enhance Diversity, Equity, Inclusion, and Belonging

Member, Diversity and Inclusion Committee (2018 - Present).

Department visioning activities

Member, Forestry Curriculum Visioning Committee (2021).

Organizing Conferences and Service on Conference Committees

Co-organizer, Department Seminar Series (2021).

Participation in Recruitment and Retention Activities

Search Committee Member, Goddard Post-doctoral Research Assistant position (2023).

Search Committee Member, Goddard Chair position, (2020).

Search Committee Member, PA Onestop Faculty position, (2018)