

# **Sayed R. Mehmood**

Associate Professor  
School of Environment and Natural Resources  
The Ohio State University  
2021 Coffey Road  
Columbus, OH 43210

Tel. (614) 688-2211  
Mehmood.9@osu.edu

## **EDUCATION**

- Auburn University. Ph.D. 1999. Forest Economics and Policy.
- University of Arkansas at Little Rock, MBA. 2016.
- University of Maine. M.S. 1995. Forest Economics.
- University of Chittagong, Bangladesh. B.Sc. (Hons.) 1993. Forestry.

## **EMPLOYMENT EXPERIENCE**

Associate Professor, School of Environment and Natural Resources, The Ohio State University, 2017-.

Associate Professor, School of Forestry and Natural Resources, University of Arkansas at Monticello, 2008-2017.

Assistant Professor, School of Forestry and Natural Resources, University of Arkansas at Monticello, 2001-2007.

Post-doctoral Research Fellow, School of Forestry and Wildlife Management, Auburn University, 1999-2001.

## **RESEARCH INTERESTS**

Econometric models of forest landowner and consumer behavior. Analyses of environmental and natural resource policy issues. Application of economic and socio-political theories to natural resource and environmental issues. Economic contribution/impact of natural resource sectors. Assessment and valuation of ecosystem services. International trade in natural resources. Sustainable natural resource based economic development. Social and community forestry.

## **SELECTED RESEARCH FUNDING**

Cannella, M., Q. Wang, and S. Mehmood. 2023. Managing Uncertainty and Market Information to Enhance Maple Syrup Business Viability. USDA AMS Grant. \$493,602, OSU amount: \$61,000.

Bruskotter, J, B. Sohngen, and S. Mehmood. 2019. Estimating the Value of Ohio's Fisheries. Ohio Department of Natural Resources, Wildlife and Fisheries Division. \$114,684.

Mehmood, S.R., G. Karns, K. Smith, L. Ober, L. Taylor-Ide, and S. Weikert. 2019. Leveraging Education and Research to Promote Maple Syrup Production in Ohio, Pennsylvania, and West Virginia. USDA AMS grant. \$492,100.

Parajuli, R., J. Gordon, S. Mehmood, E. Wiseman, T. Ochuodho, and J. Henderson. 2019. Urban forestry economic analysis in the Southern region. Virginia Department of Forestry. Amount awarded: \$130,000.

Parajuli, R., J. Gordon, S. Mehmood, O. Joshi, and J. Henderson. 2019. Urban forestry economic analysis in Northeastern Midwest region. Wisconsin Department of Natural Resources. Amount awarded: \$160,000.

Davies, G.M., K. Zhao, R. Williams, D. Hix, K. Smith, and S. Mehmood. 2019. Inventory to Inform Sustainable Management and Use of OSU's Forest Resources. Ohio. OSEP Award, 2018-2019, \$80,000.

Davies, G.M., B. Wenner, R. Williams, Collaborators: Mehmood S., Smith K. 2019. PyroGoat - Prescribed fire and goat grazing as tools to control invasive species and restore productive oak forests. OARDC SEEDS Grant, 2019-2021, \$50,000.

Mehmood, S.R. and K. Floress. 2018. Integrating Family Forest Owners into Cross-boundary Oak Conservation in Southeast Ohio. USDA Forest Service. \$33,667.

Mehmood, S.R. and M. Pelkki. 2013. Economic Analysis of Shortleaf-Bluestem Restoration in the Ouachita National Forest. \$92,268.

Mehmood, S.R. and M. Pelkki. 2013. Economic Analysis of Ozark Highlands Ecosystem Restoration. \$100,116.

Mehmood, S.R. and M. Pelkki. 2012. Life Cycle Assessment of Agroforestry Bioenergy Plantations. Sun Grant. \$12,000.

Mehmood, S. R. 2007. Economic and Policy Impacts of the Red Oak Borer on Non-industrial Private Forest (NIPF) Landowner Behavior in Northern Arkansas. USDA Forest Service. Amount: 15,270 over 3 years.

Alavalapati, J., G. Amacher, S.R. Mehmood and W. Smith. 2006. Bioenergy: Optimum Incentives and Sustainability of Non-industrial Private Forests in the U.S. South. Renewable Energy Research and Development, USDA & DOE. Total \$656,525 over 3 years.

## **GRADUATE THESES SUPERVISED**

Determinants of Timber Bid Prices in Arkansas. M.S. Thesis by Prabudhda Dahal. 2004.

Harvesting and Information Seeking Behavior of Nonindustrial Private Forest Landowners Under Threat of Red Oak Borer. M.S. Thesis by Surendra G.C. 2007.

Factors Influencing Nonindustrial Private Forest Landowners' Willingness to Supply Biomass for Wood-based Bioenergy. M.S. Thesis by Omkar Joshi. 2009.

Analysis of Nonindustrial Private Forest Landowner Policy Preferences for Promoting Renewable Bioenergy. M.S. Thesis by Shivan G.C. 2009.

Trends in Consumption and Price of Wood-based and Conventional Sources of Energy in the United States. M.S. Thesis by Krishna Koirala. 2012.

Perceptions of Feral Hog Abundance, Biology, and Management Strategies by Landowners Enrolled in Arkansas Acres for Wildlife. M.S. Thesis by Jaret Rushing. 2014.

Life-cycle Analysis of Cellulosic Bioenergy from an Agroforestry System in the Mississippi Alluvial Valley. M.S. Thesis by Md. Farhad Hossain Masum. 2015.

Economic Impact Assessment of the Shortleaf-Bluestem Community Restoration Project. M.S. Thesis by Anusha Shrestha. 2016.

Socioeconomic Dimensions of Urban Greenspace Access and Usage Patterns. M.S. Thesis by Joshua Simon. 2020.

- Served on numerous graduate committees.

## **SELECTED REFEREED PUBLICATIONS**

Parajuli, R., S. Schons, P. Khanal, E. Wiseman, S. Chizmar\*, A. Lamica\*, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Perceived impacts of the COVID-19 pandemic on private-sector urban and community forestry in the southern United States. *Arboriculture and Urban Forestry*, <https://doi.org/10.48044/jauf.2023.020>.

Parajuli, R., S. Chizmar\*, A. Lamica\*, E. Wiseman, J. Gordon, T. Ochuodho, S. Schons, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Economic contribution analysis of urban and community forestry in the southern United States in 2019. *Journal of Forestry*, 121: 217-223.

Adhikari, R.K., N.C. Poudyal, T.O. Ochuodho, R. Parajuli, O. Joshi, S.R. Mehmood, J.F. Munsell, G. Dhungel, W. Thomas, E. Crocker. 2023. Predictors of Landowners' Intention to Manage Emerald Ash Borer (EAB) in Kentucky. *Forest Science* 69(4): 452-462.

Adhikari, R.K., N.C. Poudyal, T.O. Ochuodho, R. Parajuli, O. Joshi, S.R. Mehmood, J.F. Munsell, G. Dhungel, W. Thomas, E. Crocker. 2023. Understanding forest landowners' attitudes, perceived risk, and response to Emerald Ash Borer in Kentucky. *Journal of Forestry*. In Press.

Hoy, M., R. Parajuli, S. Chizmar, O. Joshi, J. Gordon, S. Mehmood, J.E. Henderson, P. Khanal, O. Witthun, and L. Buntrock. 2022. Business outlook of private urban forestry in the Northeast-Midwest region of the United States. *Arboriculture and Urban Forestry*, 48(5):278-292.

- Parajuli, R., S. Chizmar, M. Hoy, O. Joshi, J. Gordon, S. Mehmood, J.E. Henderson, J. Poudel, O. Witthun, and L. Buntrock. 2022. Economic contribution analysis of urban forestry in the Northeastern and Midwest States of the United States in 2018. *Urban Forestry & Urban Greening*, 69:127490.
- Tian, N., J. Gan, S. Mehmood, and M. Pelkki. 2022. Nonindustrial Private Forest Landowners (NIPF) Willingness to Pay for Forest Certification in Arkansas. *Small Scale Forestry* 21:681-695.
- Parajuli, R., S. Chizmar, M. Hoy, O. Joshi, J. Gordon, S. Mehmood, J. Henderson, J. Poudel, O. Witthun, and L. Buntrock. 2021. Economic Contribution Analysis of Urban Forestry in Northeastern and Midwest States in 2018. *Urban Forestry & Urban Greening*. <https://doi.org/10.1016/j.ufug.2022.127490>
- Masum, M.F.H., S.R. Mehmood, M. Pelkki, and H. Liechty. 2020. Estimating Carbon Efficiency of Bioenergy Systems in the Mississippi Alluvial Valley. *Forests* 2020, 11, 899; doi:10.3390/f11090899.
- Joshi, O., B. Chapagain, G. Kharel, N. Poudyal, B. Murray and S. Mehmood. 2019. College student and instructor perceptions of online instruction in agriculture and natural resource sciences. *Interactive Learning Environments* DOI: 10.1080/10494820.2020.1725896.
- Shrestha, A. and S.R. Mehmood. 2018. Economic Impacts of the Shortleaf-Bluestem Community Restoration Project. *Journal of Forestry* 116(6): 505-512.
- Henderson, J., T. Adams, T., O. Joshi, S. Tanger, L. Boby, W. Hubbard, C. Becker, R. Cantrell, J. Daystar, D. Hughes, B. Jackson, E. McConnell, S. Mehmood, W. Miller, J. Nowak, P. Tappe, and M. Pelkki. 2016. Standard Procedures and Methods for Economic Impact and Contribution Analysis in the Forest Products Sector. *Journal of Forestry*.
- G.C., Shivan and S.R. Mehmood. 2012. Determinants of Nonindustrial Private Forest Landowners Willingness to Accept Price Offers for Woody Biomass. *Forest Policy and Economics* 25(2012): 47-55.
- Joshi, Omkar and S.R. Mehmood. 2011. Factors Affecting Nonindustrial Private Forest Landowners' Willingness to Supply Woody Biomass for Bioenergy. *Biomass and Bioenergy* 35 (2011): 186-192.
- G.C., Shivan and S. R. Mehmood. 2010. Factors Influencing Nonindustrial Private Forest Landowners' Policy Preference for Promoting Bioenergy. *Forest Policy and Economics*. 12 (2010): 581-588.
- Joshi, Omkar and S.R. Mehmood. 2010. Segmenting Nonindustrial Private Forest Landowners in the South Based on their Management Objectives and Motivations for Wood-based Bioenergy. *Southern Journal of Applied Forestry*. 35(2):87-92.
- G.C., Surendra and S.R. Mehmood. 2008. Segmenting Landowners Based on Their Information Seeking Behavior: a Look at Landowner Education on the Red Oak Borer. *Journal of Forestry*. 107(6): 313-319.

Mehmood, S.R. and P. Dahal. 2005. Identifying the Factors Distinguishing Timber Sales on Industrial and Non-industrial Private Forest Lands in Arkansas. *Journal of the Arkansas Academy of Science*. 59: 132-136.

Mehmood, S.R., and D. Zhang. 2005. Determinants of Forest Landowner Participation in the Endangered Species Act Safe Harbor Program. *Human Dimensions of Wildlife*. 10(4): 249-257.

Dahal, P, and S.R. Mehmood. 2005. Determinants of Timber Bid Prices in Arkansas. *Forest Products Journal*. 55(12): 89-94.

Mehmood, S.R., D. Zhang, and J. Armstrong. 2003. Factors Associated with Declining Hunting License Sales in Alabama. *Human Dimensions of Wildlife*. 8:243-262.

Mehmood, S.R. and D. Zhang. 2002. Causes for Continuation of State Cost-share Programs for Non-industrial Private Forest Landowners. *For. Sci.* 48(3): 471-478.

Zhang, D. and S.R. Mehmood. 2002. Safe Harbor for the Red-Cockaded Woodpecker: Private Forest Landowners Share their Views. *J. For.* 100(5): 24-29.

Mehmood, S.R. and D. Zhang. 2001. Forest Parcelization in the United States: A Study of Contributing Factors. *J. For.* 99(4): 30-4.

Mehmood, S.R. and D. Zhang. 2001. A Roll-call Analysis of Endangered Species Act Amendments. *Amer. J. Agricul. Econ.* 83(3): 501-512.

## **RESEARCH/EXTENSION REPORTS**

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: Regional Report. Southern Group of State Foresters. [https://southernforests.org/wp-content/uploads/2023/05/REGION\\_Facts.pdf](https://southernforests.org/wp-content/uploads/2023/05/REGION_Facts.pdf).

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: Methodology Report. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report - Alabama. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report - Arkansas. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report - Florida. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report - Georgia. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report - Kentucky. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report - Louisiana. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report - Mississippi. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report – North Carolina. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report - Oklahoma. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report – South Carolina. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report - Tennessee. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report - Texas. Southern Group of State Foresters.

Parajuli, R., S. Chizmar, A. Lamica, E. Wiseman, S. Schons, J. Gordon, T. Ochuodho, J.E. Henderson, S. Mehmood, and L. Johnson. 2023. Urban Forestry Economic Analysis in the Southern Region in 2019: State Economic Impact Report - Virginia. Southern Group of State Foresters.

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Regional Report. [[https://www.nmsfa.org/wp-content/uploads/2022/06/REGIONAL-REPORT\\_UF-Economic-Analysis.pdf](https://www.nmsfa.org/wp-content/uploads/2022/06/REGIONAL-REPORT_UF-Economic-Analysis.pdf)].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis in the Northeast and Midwest:

Methodology Report. [[https://www.nmsfa.org/wp-content/uploads/2022/06/METHODOLOGY-REPORT\\_UF-Economic-Analysis.pdf](https://www.nmsfa.org/wp-content/uploads/2022/06/METHODOLOGY-REPORT_UF-Economic-Analysis.pdf)].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Connecticut State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Illinois State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Indiana State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Iowa State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Maine State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Maryland State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Massachusetts State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Michigan State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Minnesota State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Missouri State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: New Jersey State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: New York State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Ohio State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Pennsylvania State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Vermont State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

Parajuli, R., M. Hoy, S. Mehmood, J. Gordon, O. Joshi, J.E. Henderson, O. Witthun, L. Buntrock, and D. Buckler. 2022. Urban Forestry Economic Analysis: Wisconsin State Report. [<https://www.nmsfa.org/urban-forestry-economic-study/>].

## **SELECTED PRESENTATIONS**

Mehmood, S. and A.S. Hussain. 2023. Mitigating Forest Loss in Central Ohio: A Private Woodland Owner Choice Experiment. Presentation made at the Society of American Foresters (SAF) Annual Convention, October 25-28, 2023. Sacramento, CA.

Mehmood, S. 2022. Political Economy of Endangered Species Act Implementation—are Expenditure Decisions Political, Economic, or Ecological? Presentation made at the International Society of Forest Resource Economists (ISFRE) Annual Meeting, May 24-25, 2022. Traverse City, MI.

Hussain, A.S. and S. Mehmood. 2022. Preferences and Willingness to Enroll in Woodland Conservation Programs in Ohio. Presentation made at the International Society of Forest Resource Economists (ISFRE) Annual Meeting, May 24-25, 2022. Traverse City, MI.

Bhattacharya, P. and S. Mehmood. 2022. Factors Affecting the Willingness to Pay for Forest Restoration at the Wilds in Ohio. Presentation made at the International Society of Forest Resource Economists (ISFRE) Annual Meeting, May 24-25, 2022. Traverse City, MI.

Mehmood, S. and A. Shrestha. 2022. Maple Syrup Production in Ohio, Pennsylvania, and West Virginia: Current Status and Potential for Future Expansion. Presentation made at the 2022 Society of American Foresters Annual Convention, September 21-24, 2022. Baltimore, MD.

Kulupparachchi, M., S. Mehmood, B. Sohngen, and J. Bruskotter. 2022. Economic Valuation of Sports Fisheries in Ohio. Presentation made at the Lake Erie – Inland Waters Annual Research Review, December 8-9, 2022. Columbus, OH.

Shrestha, A., and S. Mehmood. 2021. Comparison between First-generation and Multi-generation Maple Syrup Producers. Presentation made at the 2021 Society of American Foresters Annual Convention. Virtual event.

Dahl, J., D. Apsley, K. Floress, and S. Mehmood. 2019. Engaging Ohio's Appalachian Woodland Communities through Innovative Outreach: Ohio Oak Collaborative. 2019 SAF Annual Convention. October 30-November 3, 2019, Louisville, KY.

Randall, C., J. Bartig, L. Iverson, K. Floress, S. Mehmood, and M. Smith. 2019. A New Interagency Model: The Ohio Oak Collaborative. 2019 SAF Annual Convention. October 30-November 3, 2019, Louisville, KY.

Mehmood, S.R. 2019. Improving Critical Thinking in the Classroom. Presentation made at the 2019 Teaching and Learning Symposium, August 13, 2019.

Mehmood, S.R. Forest Products Industry Contributions to Ohio's Economy: A Comparison of Statewide and Regional Analyses. Presentation made at the 2018 ISFRE Conference, March 19-21, 2018; Gatlinburg, TN.

Mehmood, S.R. Do Endangered Species have a Future? An Exploration Through Theory, Research and Practice. SENR Seminar Series. September 20, 2018. Columbus, OH.

Mehmood, S.R. and K. Bogart. 2017. Visitor Spending Patterns at the Buffalo National River. Presentation made at the 2017 ISFRE Conference, May 30-June 1, 2017; New Orleans, LA.

Shrestha, A. and S.R. Mehmood. 2016. Economic Impacts of Timber Sales from Ecological Restoration in the Ouachita National Forest. Oral presentation made at the 2016 International Society of Forest Resource Economics conference, April 4-5, 2016; Raleigh, NC.

Forests' Contribution to a Sustainable Society. 2014. Presentation made at the Arkansas Forestry Association Annual Meeting, September 23-24, 2014, Hot Springs, AR.

Masum, M.D. F.H., S.R. Mehmood, M. Pelkki and H. Liechty. 2013. Life Cycle Analysis of Cellulosic Bioenergy of Agroforestry Systems in Mississippi Alluvial Valley. Presentation made at the Society of American Foresters (SAF) Annual Convention, Charleston, SC, Charleston 23-26, 2013.

Mehmood, S.R. and M.F.H. Masum. 2013. Factors Influencing Household Income of Indigenous People in Bangladesh. Presentation made at the Southern Forest Economics Workers (SOFEW) meeting, Auburn, AL, March 10-12, 2013.

Mehmood, S.R. 2013. Energy From Forest-based Biomass: Private Landowners' Perspective. Presentation made at the Arkansas Registered Foresters Annual Meeting in Ferndale, AR.

Mehmood, S.R. and K. Koirala. 2012. Long-run Price Relationships Between Woody Biomass and Other Sources of Energy. Presentation made at the Society of American Foresters Annual Convention, Spokane, WA, October 24-27, 2012.

Koirala, K. and S.R. Mehmood. 2012. A Look at Long Run Price Relationships between Woody Biomass and Other Sources of Energy. Presentation made at the Southern Forest Economics Workers (SOFEW) meeting, Charlotte, NC, March 20-21, 2012.

Mehmood, S.R.. 2010. Nonindustrial Private Landowner Price Acceptance and Policy Preference Behavior for Woody Biomass. Presentation made at the Society of American Foresters (SAF) Annual Convention. October 26-30, 2010 Albuquerque, New Mexico.

Joshi, O. and S.R. Mehmood 2009. Understanding nonindustrial private forest landowners' willingness for supplying wood based biomass for bioenergy. Presentation made at the Southern Forest Economist Workers annual meeting (SOFEW). March 8-10, 2009 Chapel Hill, North Carolina.

GC, Shivan. and S.R. Mehmood. 2009. Determinants of non-industrial private forest landowners' willingness to accept price offers for supplying biomass. Presentation made at the Southern Forest Economist Workers annual meeting (SOFEW). March 8-10, 2009 Chapel Hill, North Carolina.

Mehmood, S.R. 2009. Fuel From Forest-based Biomass: The NIPF Landowner Dimension. Presentation made at the April meeting of Northwest Chapter, Arkansas Division of the Ouachita Society of American Foresters, April 2, 2009, Russellville, AR.

Joshi, O. and S.R. Mehmood. 2008. Factors effecting nonindustrial private forest landowners participation in biomass supply for wood based bioenergy. Presentation made at the Graduate Student Symposium. March 26-28, 2008 Mississippi State University, Starkville, Mississippi.

Mehmood, S.R. 2007. Energy from Forest-based Biomass: A Look at the Constraints and some Early Data from Landowners. Presentation made at the Society of American Foresters Annual Convention. October 23-26, 2007. Portland, OR.

Susaeta, A, J. Alavalapati, D. Carter and S. Mehmood. 2007. Impacts of bioenergy markets on Non Industrial Private Forest Management in the southeastern USA. Presentation made at the Society of American Foresters Annual Convention. October 23-26, 2007. Portland, OR.

Mehmood, S.R. 2007. A Look at Bioenergy from Forest-based Cellulosic Sources. Presentation made at the 2007 Annual Meeting of the United States Society of Ecological Economists. June 23-27. New York, NY.

## **SELECTED POSTER PRESENTATIONS**

Kulupparachchi, M., J. Bruskotter, S. Mehmood, and B. Sohngen. 2021. Economic Valuation of Sports Fisheries in Ohio. Poster presented at the 2021 DNR Wildlife and Fisheries Research Review, December 9, 2021.

Mehmood, S.R. and E. McConnell. 2019. An Analysis of Ohio Stumpage and Saw Log Prices, 1960-2019. Poster presented at the Society of American Foresters Annual Convention, October 30-November 3, Louisville, KY.

Mehmood, S.R. 2018. Economic Benefits from Forest Resources: A Look at Two Ohio Regions. Poster presented at the Society of American Foresters Annual Convention, October 3-7, Portland, OR.

Shrestha, A. and S.R. Mehmood. 2016. Economic Impacts of Collaborative Ecosystem Restoration in the Ouachita National Forest. Poster Presented at the 2016 Collaborative Restoration Workshop, April 26-27, 2016; Denver, CO.

Shrestha, A. and S.R. Mehmood. 2015. Economic Impact Assessment of the Shortleaf-Bluestem Community Restoration Project. Poster Presented at the 2015 SAF Annual Convention, November 3-6, 2015; Baton Rouge, LA.

Masum, MD. F.H., S.R. Mehmood, M. Pelkki, H. Liechty and M. Blazier. 2013. Life Cycle Analysis of Carbon Balance of Agroforestry Systems in Mississippi Alluvial Valley. Poster Presented at the 12<sup>th</sup> Annual Southern Bioproducts and Renewable Energy Conference, Tunica, MS, September 17-18, 2013.

Masum, M.F.H., S.R. Mehmood, M. Pelkki, and H. Liechty. 2013. Life Cycle Analysis of Cellulosic Bioenergy from Agroforestry Systems in the Mississippi Alluvial Valley. Poster presented at the Southern Forest Economics Workers (SOFEW) meeting. March 10-12, 2013, Auburn, AL.

Joshi, O. S.R Mehmood, and Shivan GC. 2009. Segmenting nonindustrial private forest landowners in the south based on their forest management objectives and willingness for supplying wood based biomass. Poster presented at Southeastern Natural Resources Graduate Student Symposium. February 25-27, 2009, Starkville, Mississippi.

GC, Shivan. S.R. Mehmood, and Omkar, J. 2009. Assessment of the factors influencing nonindustrial private forest landowners' policy preference for promoting bioenergy in the southern United States. Poster Presented at Southeastern Natural Resources Graduate Student Symposium. February 25-27, 2009, Starkville, Mississippi.

Alavalapati, J.R.R., W. Smith, G. Amacher, and S. Mehmood. 2006. A framework to determine optimum mix of policies to promote bioenergy and sustainability of forests. Poster presented at the NCSE 6th National Conference on Science, Policy and the Environment: Energy for a Sustainable and Secure Future. January 26-27, 2006, Washington, DC.

McPeake, R., J. Hipp, S.R. Mehmood, and R. Rainey. 2005. Developing a Wildlife Enterprise: Is it for you? Poster presented at the Rural Life Conference. February 11, Pine Bluff, AR.

## **TEACHING EXPERIENCE**

The Ohio State University:

- ENR 4000: Natural Resource Policy
- ENR 5325: Forest and Public Lands Policy

University of Arkansas at Monticello:

- NRM 4013: Natural Resource Economics
- NRM 4043: Natural Resource Policy
- NRM 5203: Social Aspects of Natural Resource Management
- NRM 3123: Human Dimensions of Natural Resources
- FRS 5113: Statistics in Research I
- FRS 5123: Statistics in Research II
- FRS 5233: Graduate Natural Resource Policy
- FRS 5253: Advanced Forest Economics

## **EXTENSION PUBLICATIONS**

Mehmood, S.R. and K. Smith. 2023. Ohio Timber Price Report Fall 2022 to Spring 2023 Comparison. Ohio Woodlands Stewards Program. 2p.

Mehmood, S.R. and K. Smith. 2023. Ohio Timber Price Report Spring 2023 to Fall 2023 Comparison. Ohio Woodlands Stewards Program. 2p.

Mehmood, S.R. 2023. Ohio's Forest Economy, 2021. A trifold summarizing the economic contributions of Ohio's forest products sector.

Mehmood, S.R. and K. Smith. 2022. Ohio Timber Price Report Fall 2021 to Spring 2022 Comparison. Ohio Woodlands Stewards Program. 2p.

Mehmood, S.R. and K. Smith. 2022. Ohio Timber Price Report Spring 2022 to Fall 2022 Comparison. Ohio Woodlands Stewards Program. 2p.

Mehmood, S.R. and A. Shrestha 2021. Northeast Ohio Regional Forestry Report, 2019. 4p.

Mehmood, S.R. and A. Shrestha 2021. Northwest Ohio Regional Forestry Report, 2019. 4p.

Mehmood, S.R. and A. Shrestha 2021. East Central Ohio Regional Forestry Report, 2019. 4p.

Mehmood, S.R. and A. Shrestha 2021. South Central Ohio Regional Forestry Report, 2019. 4p.

Mehmood, S.R. and A. Shrestha 2021. Southeast Ohio Regional Forestry Report, 2019. 4p.

Mehmood, S.R. and A. Shrestha 2021. Southwest Ohio Regional Forestry Report, 2019. 4p.

Mehmood, S.R. and K. Smith. 2021. Ohio Timber Price Report Fall 2020 to Spring 2021 Comparison. Ohio Woodlands Stewards Program. 2p.

Mehmood, S.R. 2021. Ohio's Forest Economy, 2019. A trifold summarizing the economic contributions of Ohio's forest products sector.

Mehmood, S.R. and A. Shrestha 2020. Northeast Ohio Regional Forestry Report, 2017. Ohio State University Extension.

Mehmood, S.R. and A. Shrestha 2020. Northwest Ohio Regional Forestry Report, 2017. Ohio State University Extension.

Mehmood, S.R. and A. Shrestha 2020. East Central Ohio Regional Forestry Report, 2017. Ohio State University Extension.

Mehmood, S.R. and A. Shrestha 2020. South Central Ohio Regional Forestry Report, 2017. Ohio State University Extension.

Mehmood, S.R. and A. Shrestha 2020. Southeast Ohio Regional Forestry Report, 2017. Ohio State University Extension.

Mehmood, S.R. and A. Shrestha 2020. Southwest Ohio Regional Forestry Report, 2017. Ohio State University Extension.

Mehmood, S.R. 2019. 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. 2018. Does Resource Abundance Always Lead to a Strong Forestry Sector? A Comparison of Three Ohio Regions. *Ohio Woodlands, Water, & Wildlife*, Winter 2018.

Mehmood, S.R. 2017. Ohio's Forest Economy 2015. A trifold summarizing the economic contributions of Ohio's forest products sector.

## **EXTENSION PRESENTATIONS**

Mehmood, S. 2023. Maple Economics: Does a Maple Syrup Business Make Sense for my Woodlands? Presentation made at the Ohio River Valley Woodlands, Water and Wildlife Workshop, March 18, 2023.

Mehmood, S. 2023. Economics Considerations for Starting a Maple Syrup Business. Presentation made at Ohio Maple Days Workshop, December 9, 2023.

Mehmood, S. 2022. What do Market and Timber Price Fluctuations Mean for you? Presentation made at the Ohio River Valley Woodlands, Water and Wildlife Workshop, March 26, 2022.

Mehmood, S. 2022. Advising Woodland Owners on the Economic Feasibility of Maple Syrup Production. Presentation made at the in-service training event for service foresters, July 15, 2022. Mansfield, OH.

Mehmood, S. 2022. Economics of Maple Syrup Production. Presentation made at Maple Boot Camp, June 25, 2022. Mansfield, OH.

Mehmood, S. 2021. The *Value of your* Woodlands. Presentation made at the Ohio River Valley Woodlands, Water and Wildlife Workshop, March 27, 2021. Virtual event.

Mehmood, S. 2021. Ohio Maple Producers Survey. Presentation made at 2021 Ohio Maple Days, Ashland, OH, December 11, 2021.

Mehmood, S.R. 2019. Timber Prices and Forest Products Market: A Look at the Underlying Trends and Future Outlook. Presentation made at the Ohio River Valley Woodlands and Wildlife Workshop, March 30, 2019.

Mehmood, S.R. 2019. Forest Products Industry Contributions to Ohio's Economy: A Look at the 2017 Data. Presentation made at the Ohio Forestry Association annual meeting, March 6-7, 2019.

Mehmood, S.R. 2019. The Ohio Timber Price Report: An Introduction and a Look at the Underlying Trends. Presentation made at the Tri-chapter ACF Training Workshop, September 6, 2019, Wheeling, WV.

Mehmood, S.R. 2018. The Economics of Growing (Christmas) Trees. Presentation made at the Christmas Tree Grower's Winter Meeting. January 20, 2018.

Mehmood, S.R. 2018. How to Figure Costs/Benefits of Natural Resource Projects. Presentation made at the Ohio Woodland, Water, and Wildlife Conference, March 7, 2018.

Mehmood, S.R. 2018. Economic Outlook for the Forest Products Industry. Presentation made at the Tri-state Extension Meeting, March 17, 2018, Cincinnati, OH.

Mehmood, S.R. 2018. Making the Most from Selling your Timber. Presentation Made at 2018 Woodlands and Wildlife, Defiance & Williams County, July 26, 2018.

## **LANGUAGE ABILITIES**

- **English:** Fluent in speaking, reading, and writing
- **Bengali:** Fluent in speaking, reading, and writing
- **Japanese:** Basic Fluency in Speaking, reading, and writing
- **Spanish:** Limited fluency in speaking, reading, and writing
- **Arabic:** Limited abilities

## **PROFESSIONAL MEMBERSHIP**

- Society of American Foresters (SAF).
- Association of Environmental and Resource Economists (AERE).
- International Society of Forest Resource Economists (ISFRE).
- International Association of Society and Natural Resources (IASNR).

## **PROFESSIONAL CONTRIBUTIONS**

- Associate Editor, Journal of Forestry. 2013-present.
- Associate Editor, Society and Natural Resources. 2020-present.
- Member, Ohio Stewardship Implementation Committee.
- University of Kentucky Forest Health Center Advisory Board member.
- Diversity, Justice, Inclusion, and Equity Task Force, School of Environment and Natural Resources, The Ohio State University.
- Representative, E Working Groups, Forest Science and Technology Board, Society of American Foresters, January 2011 – December 2013.
- Former Chair, E-1 Working Group (Economics, Policy and Law), Society of American Foresters.
- Former Chair, Policy and Legislative Committee, Ouachita Society of American Foresters.
- Former Chair, Southeast Chapter, Arkansas Division, Ouachita Society of American Foresters.
- Former Member, Cultural Diversity National Committee, Society of American Foresters.
- Current Member, Forest Practices Committee, Arkansas Forestry Association.
- Served as peer reviewer for numerous articles in Forest Science, Journal of Forest Economics, Journal of Forestry, Human Dimensions of Wildlife, Energy Policy, Biomass and Bioenergy, Contemporary Economic Policy, Canadian Journal of Forest Research, Land Economics, Southern Journal of Applied Forestry and Forest Policy and Economics.
- Served as External reviewer for several Forest Stewardship Council (FSC) certification documents.