

International Society of Forest Resource Economics (ISFRE)

2022 ISFRE Meeting

New Opportunities and Challenges in Forest Resource Economics
for Forest Products, Ecosystem, and Carbon Management

May 23-25, 2022, Traverse City, Michigan

Agenda and Schedule



Department of Forestry
MICHIGAN STATE UNIVERSITY

Natural Resources Building, 480 Wilson Rd, East Lansing, MI 48824

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Great Lakes Biochar Network (GLBN)

<https://www.canr.msu.edu/biochar/>



Agenda

Date	Time	Agenda and Session in Progress	Room
Monday May 23	5:00 - 7:00 PM	Reception and Networking	Roof Top
Day 1			
Tuesday May 24	6:30-8:00 AM	Breakfast and Poster Setup	Restaurant
	8:00-8:15 AM	Opening Remarks: Dr. Rich Kobe <i>Chair, MSU Department of Forestry</i>	Ballroom A & B
	8:15-9:30 AM	Keynote 1: Dr. Runsheng Yin <i>Professor, Michigan State University</i> Keynote 2: Dr. Brett Butler <i>Director, USDA Forest Service National Woodland Owner Survey</i> Q&A with the speakers.	Ballroom A & B
	9:30-10:00 AM	Break and Poster Presentations	Restaurant
	10:00 –12:00 PM	Concurrent Sessions 1A: Forest Management	Ballroom A
		Concurrent Sessions 1B: Forest Product Markets	Ballroom B
	12:00-1:00PM	Lunch and Poster Presentations	Restaurant
	1:00–3:00PM	Concurrent Sessions 2A: Forest Carbon and GHG	Ballroom A
		Concurrent Sessions 2B: Economic Contribution	Ballroom B
	3:00-3:30 PM	Break and Poster Presentations	Restaurant
	3:30-5:30 PM	Concurrent Sessions 3A: Forest Product Supply	Ballroom A
		Concurrent Sessions 3B: Ecosystem Services	Ballroom B
	5:30 PM-	Dinner on your own.	
	6:30-7:30 PM	Journal Publication 101: Meet the Editors	Ballroom A
Day 2			
Wednesday May 25	6:30 - 8:00 AM	Breakfast and Business Meeting	Restaurant
	8:00 - 10:00 AM	Concurrent Sessions 4A: Forest Economics	Ballroom A
		Concurrent Sessions 4B: Investment and Trade	Ballroom B
	10:00-10:30 AM	Break and Student Awards	Restaurant
	10:30-12:30 PM	Concurrent Session 5A: Forest Landowners	Ballroom A
		Concurrent Session 5B: Economic Impacts	Ballroom B
	12:30– 1:30 PM	Closing & Thank You: Dr. Jagdish Poudel, <i>MI DNR</i> Lunch and Poster Take down	Restaurant
	2:00- 5:30 PM	Tour (Housler Sawmill, Mesick MI)	
Thursday May 26		Departure	

Keynote

Ballroom A and B, Time: 8:15 AM — 8:45 AM

Moderator: Emily Huff

Title: The outcomes of alternative approaches to forest carbon accounting and credit taking*Runsheng Yin, Ph.D.*Professor, Department of Forestry, Michigan State University
Editor in Chief, Forest Policy and Economics

Abstract: In forest sector carbon accounting and credit taking, inconsistencies, and even confusion, abound regarding how timber and carbon are treated as joint products, whether the Paris Agreement rules of additionality and permanence are followed, and if the differentiated durations of harvested wood products (HWP) are captured. Here, we tackle these issues by moving beyond the stand-level Faustmann model and establishing an analytic framework of forest production that is more compatible with the carbon sequestration/storage requirements and thus exploring the outcomes of alternative approaches. We show that properly accounted for, forest sector efforts of emission offsetting are important and credit worthy and, thus, deserve to be seriously promoted and financially rewarded. Because of the inseparability between timber and carbon, as well as the relatively low carbon price, however, it is not necessarily a choice of either timber or C in reality; rather, it is a matter of both in many circumstances. In the case of intensively managed pine plantations in the U.S. South, the impact of adding carbon to valuation on the optimal rotation is limited, while the effect on the total/net revenue is substantive. The different service lives of HWP, coupled with the additionality and permanence rules, influence accounting outcomes significantly, calling for more integrated and thorough assessment of forest sector climate solutions.

Keywords: Carbon accounting, emission offset, additionality, permanence, joint production.

Dr. Yin is a professor of forest ecosystem economics and a unique scholar of Chinese forestry policy. He has conducted impact evaluation and policy research on ecosystem restoration programs, carbon accounting and credit-taking, forest carbon sequestration and storage, forest tenure reforms, and rural economic development. He has published more than 85 peer-reviewed papers in 34 journals. His research has been supported by the U.S. National Science Foundation, Agency for International Development, NASA, and Forest Service, among others. He has taught forest ecosystem services; forest carbon policy, economics, and finance; natural resource policy; and productivity measurement and analysis. He is an Editor-in-Chief of Forest Policy and Economics. In addition to the large number of graduate students and post-docs he has advised, he has host about 70 visiting scholars and doctorate trainees from China and India.

Keynote

Ballroom A and B, Time: 8:45 AM — 9:15 AM

Moderator: Emily Huff

Title: The Role of Family Forests in the Provision of Forest Products, Ecosystem Services, and Carbon Management*Brett J. Butler, Ph.D.*Director, USDA Forest Service National Woodland Owner Survey
Co-director, USDA Forest Service-University of Massachusetts Amherst Family Forest Research Center

Adjunct Professor, Department of Environmental Conservation, University of Massachusetts Amherst

Editor in Chief, Small-scale Forestry

Abstract: Society relies on forests for countless goods and services. Owners form the critical link between forests and society as it is they, within social, economic, political, and biophysical constraints, who decide what will be produced and, at least for private goods, who will be the direct beneficiaries. Across the United States, there are an estimated 285 million hectares of forestland, excluding interior Alaska. Of this acreage, 60% is privately owned and more specifically, 39% of the total acreage is owned by families, individuals, trusts, estates, and family partnerships, collectively referred to as family forest ownerships. The 9.5 million family forest ownerships control more forestland than any other ownership category, many of their lands are facing challenges ranging from development pressures to catastrophic wildfires, and the future of America's forest resources are largely in their hands. Most family forest ownerships: have relatively small holdings (mean = 11 ha); amenity values, such as privacy and nature protection, are of paramount importance; and most of the primary decision makers are older, white males. All of these factors are critical for understanding the nation's forests including wood supply, the potential for carbon sequestration, and the provision of other ecosystem services from these lands. This presentation will use a Systems Theory approach to explore the critical processes impacting the flows of these good and services.

Dr. Brett Butler is a national and international expert on forest ownership who has authored over 100 articles and reports on this subject. As part of the U.S. Forest Service, Northern Research Station, Forest Inventory and Analysis program, he coordinates the National Woodland Owner Survey and co-directs the Family Forest Research Center. He is an adjunct professor in the University of Massachusetts, Department of Environmental Conservation and the Editor-in-Chief for the journal Small-scale Forestry. He earned his Ph.D. from Oregon State University and his B.S. from the University of Connecticut.

Topic: Forest Management**Ballroom A , Time: 10:00 AM — 12:00 PM**

Moderator: Jagdish Poudel

- **Economic Models for Optimal Plantation Establishment of Temperate Hardwoods**

Sayon Ghosh, Doug Jacobs, Mike Saunders, Mo Zhou

Graduate Student, Department of Forestry and Natural Resources, Purdue University

Professor, Department of Forestry and Natural Resources, Purdue University

Associate Professor, Department of Forestry and Natural Resources, Purdue University

Associate Professor, Department of Forestry and Natural Resources, Purdue University

- **A stand level growth and yield model for oak-gum-cypress forest type in southern bottomlands**

Suchana Aryal, Eric McConnell

Graduate Student, Department of Forestry, Mississippi State University

Assistant Professor, Department of Forestry, Mississippi State University

- **The Informal Economy of Wiregrass Production for Longleaf Pine Restoration**

Tyler Carney, Damian Adams, Daisy Andrews, Susanna Goewey, Raelene Crandall, Andres Susaeta

Graduate Student, School of Forest, Fisheries, and Geomatics Sciences, University of Florida

Professor, School of Forest, Fisheries, and Geomatics Sciences, University of Florida

Undergraduate Student, School of Forest, Fisheries, and Geomatics Sciences, University of Florida

Undergraduate Student, College of Liberal Arts and Sciences, University of Florida

Assistant Professor, School of Forest, Fisheries, and Geomatics Sciences, University of Florida

Assistant Research Scientist, School of Forest, Fisheries, and Geomatics Sciences, University of Florida

- **Potential Use of High-resolution Imagery to Guide Treatment Response Following Disturbance**

Michael K. Crosby, T. Eric McConnell, Jason J. Holderiath, James R. Meeker, Chris A. Steiner, Brian Strom, and Crawford (Wood) Johnson

Assistant Professor, School of Agricultural Sciences and Forestry, Louisiana Tech University

Assistant Professor, Department of Forestry, Mississippi State University

Assistant Professor, School of Agricultural Sciences and Forestry, Louisiana Tech University

Entomologist, Forest Health Protection, USDA Forest Service

Biological Science Technician, Forest Health Protection, USDA Forest Service

Field Office Representative, Forest Health Protection, USDA Forest Service

Entomologist, Forest Health Protection, USDA Forest Service

Topic: Forest Product Markets**Ballroom B, Time: 10:00 AM — 12:00 PM**

Moderator: Matthew Pelkki

- **A Wood Fuel Cost Calculator**

Eric McConnell

Assistant Professor, Department of Forestry, Mississippi State University

- **Impact of hurricanes on forest market: land-use change assessment and drivers**

Ian Pereira Sartorio, Bruno Kanieski da Silva, Jesse Henderson, Shaun Tanger, Mohammed Marufuzzaman, Michael K. Crosby

PhD Student, Department. of Forestry, Mississippi State University,

Assistant Professor, Department of Forestry, Mississippi State University

Research Economist, Southern Research Station, USDA Forest Service

Assistant Professor, Department of Forestry, Mississippi State University

Associate Professor and Graduate Coordinator, Department of Industrial and Systems Engineering, Mississippi State University

Assistant Professor, Department of Agricultural Sciences and Forestry, Louisiana Tech University

- **Assessing the impact of climate change on the pulpwood market: A case study for Brazil**

Roberto Hajime S. Kimura, Bruno da Silva

Graduate Student, Department of Forestry at Mississippi State University

Assistant Professor, Department of Forestry at Mississippi State University

- **A network analysis approach for assessing the availability of re-sources and competition for it for Michigan's logging businesses**

Shivan GC, Karen Potter-Witter, Raju Pokharel

Ph.D. Candidate, Department of Forestry, Michigan State University

Professor Emeritus, Department of Forestry, Michigan State University

Assistant Professor, Department of Forestry, Michigan State University

Topic: Forest Carbon and GHG**Ballroom A , Time: 1:00 PM — 3:00 PM**

Moderator: Greg Latta

- **The impact of carbon-offset programs on the timber supply chain in the US South**

Bruno Kanieski da Silva, Jesse Henderson, Shaun Tanger, Rajan Parajuli, Frederick W. Cabbage

Assistant Professor, Department of Forestry, Mississippi State University
Research Economist, Southern Research Station, USDA Forest Service
Assistant Professor, Department of Forestry, Mississippi State University
Assistant Professor, Department of Forestry and Environmental Resource, North Carolina State University
Professor, Department of Forestry and Environmental Resource, North Carolina State University

- **Exploring the relationship between forest management and forest carbon storage and sequestration: lessons and applications from FIA data and a hybrid empirical, processed-based modeling approach**

Chad Papa

PhD Candidate & Research Assistant, Department of Forestry, Forest Carbon and Climate Program, Michigan State University

- **A new look at quantifying leakage in voluntary US forest carbon offset projects**

Gregory Latta, Justin S. Baker, Sara B. Ohrel, Adam Daigneault, Christopher S. Galik

Associate Research Professor, Department of Natural Resources and Society, University of Idaho
Department of Forestry and Environmental Resources, North Carolina State University
United States Environmental Protection Agency
School of Forest Resources, University of Maine
Department of Public Administration, North Carolina State University

- **Forest carbon under increasing product demand and land use change in the US South**

Jesse D. Henderson

Research Economist, Forest Economics and Policy, USDA Forest Service

Topic: Economic Contribution**Ballroom B, Time: 1:00 PM — 3:00 PM**

Moderator: Ram Dahal

• Economic Significance of Wildlife Management Areas in Oklahoma*Madison Gore, Omkar Joshi, Binod Chapagain, Neelam C. Poudyal, Sue Fairbanks*

Graduate Research Assistant, Oklahoma State University

Assistant Professor, Oklahoma State University

Postdoctoral Fellow, University of Tennessee

Associate Professor, University of Tennessee

Associate Professor, Oklahoma State University

• Comparing forestry sector and general economic impacts of COVID-19 in 2020*Matthew Pelkki, Rebecca Montgomery*

Director and Economic Analyst, Arkansas Center for Forest Business

College of Forestry, Agriculture, and Natural Resources, University of Arkansas at Monticello

• Feral Hog Damage Assessments in the Southern States of Arkansas, Louisiana, and East Texas*Alyssa D. Mineau, Nana Tian*

Graduate Student, Arkansas Forest Resources Center, College of Forestry, Agriculture & Natural Resources, University of Arkansas at Monticello

Assistant Professor, Arkansas Forest Resources Center, College of Forestry, Agriculture & Natural Resources, University of Arkansas at Monticello

• Evaluating the Impacts of the COVID-19 Pandemic on Forest-based Employment in the U.S. South*Stephanie Chizmar, Rajan Parajuli, Erin Sills*

Postdoctoral Research Scholar, Department of Forestry and Environmental Resources, North Carolina State University

Assistant Professor, Department of Forestry and Environmental Resources, North Carolina State University

Professor and Department Head, Department of Forestry and Environmental Resources, North Carolina State University

Topic: Forest Product Supply**Ballroom A, Time: 3:30 PM — 5:30 PM**

Moderator: Shaun Tanger

- **Spatial Dependencies within Mississippi's Primary Forest Products Manufacturers**

Eric McConnell, Michael Crosby

Assistant Professor, Department of Forestry, Mississippi State University

Assistant Professor, School of Agricultural Sciences and Forestry, Louisiana Tech University

- **Assessing the potential to produce biochar from low-value biomass in Michigan's forestry sector**

Nafisa Nowshin Ahmed, Raju Pokharel, Christopher Saffron, Jessica Miesel

Graduate Student, Department of Forestry, Michigan State University

Assistant Professor, Department of Forestry, Michigan State University

Associate Professor, Department of Biosystems and Agricultural Engineering, Michigan State University

Associate Professor, Department of Plant, Soil and Microbial Sciences, Michigan State University

- **Biomass Feedstock Availability and Economic Contribution of Biomass Power Facilities in the Lake States Region**

Ram Dahal, Raju Pokharel, Jagdish Poudel

Forest Economist, Wisconsin Department of Natural Resources

Assistant Professor, Department of Forestry, Michigan State University

Forest Economist, Michigan Department of Natural Resources

- **Understanding unsold timber offerings from the U.S. National Forest System**

Gregory Frey, Philadelphia Wilkens, Sonia Bruck

Research Forester, Southern Research Station, USDA Forest Service

U.S. Endowment for Forestry and Communities

Postdoctoral Researcher, North Carolina State University

Topic: Ecosystem Services**Ballroom B, Time: 3:30 PM — 5:30 PM**

Moderator: Sayeed Mehmood

- **Preferences and Willingness to Enroll in Woodland Conservation Program in Ohio USA**

Ahmed Saad Hussain, Sayeed Mehmood

Graduate Student, School of Environment and Natural Resources, The Ohio State University

Associate Professor, The Ohio State University

- **Willingness to Pay for Deer Hunting Site Attributes using Best-Worst Choice**

Bijesh Mishra, Rodney Will, Omkar Joshi

PhD Candidate, Department of Natural Resource Ecology and Management, Oklahoma State University

Professor, Oklahoma State University

Assistant Professor, Oklahoma State University

- **Factors Affecting the Willingness to Pay for Forest Restoration at The Wilds in Ohio**

Priya Bhattacharya, Sayeed Mehmood

Graduate Research Associate, School of Environment and Natural Resources, The Ohio State University

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

- **Spatial analysis of the attributes of working forest conservation easements in Georgia, USA**

Sabhyata Lamichhane, Bin Mei, Jacek Siry

Graduate Student, Warnell School of Forestry and Natural Resources, University of Georgia

Professor, Warnell School of Forestry and Natural Resources, University of Georgia,

Professor, Warnell School of Forestry and Natural Resources, University of Georgia

- **Forest Ecosystem Services Valuation: A Choice Experiment Approach**

Saleh Mamun, Christopher R. McIntosh, Stephen Polasky

Postdoctoral Associate, Natural Resources Research Institute, Department of Applied Economics, University of Minnesota

Department of Applied Economics, University of Minnesota

Natural Resources Research Institute, Department of Applied Economics, Department of Ecology, Evolution & Behavior, University of Minnesota

Topic: Forest Economics**Ballroom A, Time: 8:00 AM — 10:00 PM**

Moderator: Eric McConnell

- **A Regional Predictive Model for Maple Syrup Production in United States**

Bobby Thapa, Thomas O. Ochuodho

Graduate Student, Department of Forestry and Natural Resources, University of Kentucky

Assistant Professor, University of Kentucky

- **National forest timber sale price and export price interlinkages in the USA**

Jaana Korhonen, Jesse Henderson, Jeffrey Prestemon.

Postdoctoral Researcher, Oak Ridge Institute for Science and Education (ORISE)

Research Economist, Southern Research Station, USDA Forest Service

Project Leader, Southern Research Station, USDA Forest Service

- **Comovement of southern pine sawtimber stumpage and lumber futures prices in the United States**

Junyeong Choi, Jianbang Gan, Nana Tian, Matthew Pelkki

Ph.D. Student, Department of ecology and conservation biology, Texas A&M University

Professor, Department of ecology and conservation biology, Texas A&M University

Assistant Professor, Forest Resources Center, University of Arkansas at Monticello

Professor, Forest Resources Center, University of Arkansas at Monticello

- **Modeling Supply and Demand of Timber Stumpage Market in the Lake State Region**

Kyle MacLean, Andy Finley, Raju Pokharel

Graduate Student, Department of Forestry, Michigan State University

Professor, Department of Forestry, Michigan State University

Assistant Professor, Department of Forestry, Michigan State University

Concurrent Session 4B

Topic: Investment, Markets, and Trade**Ballroom B, Time: 8:00 AM — 10:00 PM**

Moderator: Shivan GC

- **Market coverage and competition of various wood products in Michigan**

Naresh Khanal, Raju Pokharel, Emily Huff, Andy Finley, Jagdish Poudel

Graduate Student, Department of Forestry, Michigan State University

Assistant Professor, Department of Forestry, Michigan State University

Assistant Professor, Department of Forestry, Michigan State University

Professor, Department of Forestry, Michigan State University

Forest Economist, Forest Resource Division, Michigan Department of Natural Resources

- **Currency Exchange Rate and Forest Product Trade: Evidence from US-Brazil Softwood Plywood Market**

Perceval Assogba, Daowei Zhang

Assistant Professor, Forest Economics and Management, University of Tennessee

George Peake Jr. Professor of Forest Economics and Policy, Auburn University

- **Spatially-explicit global current and potential forestry production value**

Saleh Mamun, Stephen Polasky, Brent Sohngen, Jeff Smith

Postdoctoral Associate, Natural Resources Research Institute, Department of Applied Economics, University of Minnesota

Natural Resources Research Institute, Department of Applied Economics, Department of Ecology, Evolution & Behavior, University of Minnesota

Department of Agricultural, Environmental and Development Economics, The Ohio State University

High Meadows Environmental Institute, Princeton University

- **Integration of Public Farmland and Timberland REITs with their Private Equity Counterparties and Selected Asset Classes**

Srijana Baral, Bin Mei

PhD Candidate, Warnell School of Forestry and Natural Resources, University of Georgia

Professor, Warnell School of Forestry and Natural Resources, University of Georgia

Topic: Forest Landowners**Ballroom A, Time: 10:30 AM — 12:30 PM**

Moderator: Puskar Khanal

- **The effect of information nudges on landowner's willingness to meet with public foresters**

Ana Gutierrez, Jerrod Penn, Michael Blazier

Research Assistant, Arkansas Center for Forest Business, University of Arkansas at Monticello

Assistant Professor, Department of Agricultural Economics and Agribusiness, Louisiana State University

Dean, College of Forestry, Agriculture, and Natural Resources, University of Arkansas at Monticello

- **An analysis of the factors associated with forestland enrollment in property tax incentive programs in Georgia**

Sagar Godar Chhetri, Yanshu Li

Post-Doctoral Research Associate, Arkansas Center for Forest Business, University of Arkansas at Monticello, Arkansas

Assistant Professor, Warnell School of Forestry and Natural Resources, University of Georgia

- **Rancher's preference and willingness to pay for attributes and outcomes of non-traditional management practices: A best-worst choice experiment study**

Saroj Adhikari, Omkar Joshi

P.H.D. Student, Department of Natural Resource Ecology & Management, Oklahoma State University

Assistant Professor, Department of Natural Resource Ecology & Management, Oklahoma State University

- **Predictors of landowner intention to manage emerald ash borer (EAB) in the central hardwood region**

Ram K. Adhikari, Neelam C. Poudyal, Thomas O. Ochuodho, Rajan Parajuli, Omkar Joshi, Sayeed R. Mehmood, John F. Munsell, Gaurav Dhungel, William Thomas, Ellen Crocker, Mo Zhou

Postdoctoral Research Associate, the University of Tennessee - Knoxville

Associate Professor, the University of Tennessee – Knoxville

Assistant Professor, University of Kentucky

Assistant Professor, North Carolina State University

Assistant Professor, Oklahoma State University

Associate Professor, Ohio State University

Professor, Virginia Polytechnic Institute and State University (Virginia Tech)

Graduate Student, University of Kentucky

Extension Forester, University of Kentucky

Assistant Professor, University of Kentucky

Associate Professor, Purdue University

Topic: Economic Impacts**Ballroom B, Time: 10:30 AM — 12:30 PM**

Moderator: Thomas O. Ochuodho

- **Private Forest Landowner Demand for Prescribed Burning in Pennsylvania**

Arun Regmi, Melissa M. Kreye, Jesse K. Kreye

Graduate Student, Penn State University

Assistant Professor, Department of Ecosystem Science and Management, Pennsylvania State University

Assistant Professor, Department of Ecosystem Science and Management, Pennsylvania State University

- **Mississippi Timber Severance Tax and its Contribution in Regional Economy**

Sakar Nepal, Eric McConnell

Graduate Student, Department of Forestry, Mississippi State University

Assistant Professor, Department of Forestry, Mississippi State University

- **Political Economy of Endangered Species Act Implementation—are Expenditure Decisions Political, Economic, or Ecological?**

Sayeed R Mehmood

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

- **Factor endowment and structural change in Kentucky forest industry**

Thomas O. Ochuodho, Domena A. Agyeman

Assistant Professor, Department of Forestry and Natural Resources, University of Kentucky

Postdoctoral Associate, Virginia Tech University

Posters

Date: Tuesday, May 24, 2022,

Location: In between the Ballrooms and Restaurant

Presentation times: Poster 1-4: 9:30-10:30 AM

Poster 5-9: 12:30-1:00 PM

Poster 9-11: 3:00-3:30 PM

1. Forest Owner Perspectives of Prescribed Fire in the Mid-Atlantic region of the US

Arun Regmi, Melissa M. Kreye, Jesse K. Kreye

Graduate Student, Penn State University

Assistant Professor, Department of Ecosystem Science and Management, Pennsylvania State University

Assistant Professor, Department of Ecosystem Science and Management, Pennsylvania State University

2. [Cancelled]

3. Identifying locations for biochar production from low-value biomass in Michigan

Nafisa Nowshin Ahmed, Raju Pokharel, Christopher Saffron, Jessica Miesel

Graduate Student, Department of Forestry, Michigan State University

Assistant Professor, Department of Forestry, Michigan State University

Associate Professor, Department of Biosystems and Agricultural Engineering, Michigan State University

Associate Professor, Department of Plant, Soil and Microbial Sciences, Michigan State University

4. Identifying hotspots to establish mass timber processing facilities in Michigan

Naresh Khanal, Raju Pokharel, Emily Huff, Andy Finley, Jagdish Poudel

Graduate Student, Department of Forestry, Michigan State University

Assistant Professor, Department of Forestry, Michigan State University

Assistant Professor, Department of Forestry, Michigan State University

Professor, Department of Forestry, Michigan State University

Forest Economist, Forest Resource Division, Michigan Department of Natural Resources

5. Timber Supply Analysis in Arkansas: A Case Study from Magnolia City, Arkansas

Sagar Godar Chhetri, Matthew Pelkki

Post-Doctoral Research Associate, Arkansas Center for Forest Business, University of Arkansas at Monticello, Arkansas

Director & Professor, Arkansas Center for Forest Business, College of Forestry, Agriculture & Natural Resources, University of Arkansas at Monticello

Date: Tuesday, May 24, 2022,

Location: In between the Ballrooms and Restaurant

6. Uneven Forest Management Principles and Urban Ecosystem Services Supply

Robert Jarred Sparks, Puskar Khanal

Graduate Student, Department of Forestry & Environment Conservation, Clemson University

Assistant Professor, Clemson University

7. Economic Models for Optimal Plantation Establishment of Temperate Hardwoods

Sayon Ghosh, Doug Jacobs, Mike Saunders, Mo Zhou

Graduate Student, Department of Forestry and Natural Resources, Purdue University

Professor, Department of Forestry and Natural Resources, Purdue University

Associate Professor, Department of Forestry and Natural Resources, Purdue University

Associate Professor, Department of Forestry and Natural Resources, Purdue University

8. Optimal Rotation Age with Stochastic Input Distribution

Shaun M. Tanger, Bruno Kanieski da Silva, Jesse D. Henderson

Assistant Professor, Department of Forestry, Mississippi State University

Assistant Professor, Department of Forestry, Mississippi State University

Research Economist, Forest Economics and Policy, USDA Forest Service

9. The Time-Varying Link of Public Timber REITs with Private Timberland, Real Estate, and Financial Assets

Srijana Baral, Bin Mei

PhD Candidate, Warnell School of Forestry and Natural Resources, University of Georgia

Professor, Warnell School of Forestry and Natural Resources, University of Georgia

10. Optimal Routing for Softwood Sawmill Supply Chain: Strategic Repair of Road and Bridge Infrastructure

Swagat Attreya, Shaun M. Tanger, Eric McConnell, Michael Crosby

Graduate Student, Department of Forestry, Mississippi State University

Assistant Professor, Department of Forestry, Mississippi State University

Assistant Professor, Department of Forestry, Mississippi State University

Assistant Professor, School of Agricultural Sciences and Forestry, Louisiana Tech University

11. The logging sector in East Texas

Thomas Frampton, Anusha Shrestha

Undergraduate Student, Department of Forestry, Stephen F. Austin State University

Assistant Professor, Stephen F. Austin State University

Abstracts

Scan me to see the
Abstracts



Housler's Sawmill in Mesick, Michigan Northern Hardwood Forest

Michigan State University and Michigan Department of Natural Resources offers a field tour option to visit a northern hardwood sawmill and northern hardwood forest. This tour will utilize a group bus for transportation to Housler's Sawmill in Mesick, Michigan. Participants will need to be able to handle short flights of stairs and willing to wear hardhats, safety glasses, and ear plugs for the sawmill portion of the afternoon. These items will be provided to each participant for the tour.

Housler Sawmill is a family owned and operated hardwood mill that is the epitome of Michigan's forest products industry. They have their own logging crews to supply the mill and purchase logs from other wood producers. They are trained and certified by Michigan's Sustainable Forestry Initiative and a member of the Michigan Association of Timbermen-Self Insurers' Fund to maintain a high level of responsibility and safety in all aspects of their business operations. Mill owners will be assisting in the tour and available for your questions.

After departing the sawmill, the bus will make a 60-minute stop on the return route to Traverse City to a quality northern hardwood forest stand. This field stop is designed to have an interactive and energetic discussion around the economic importance and variability of the hardwood industry in Michigan and the Upper Great Lakes region. We hope you can join us for this afternoon adventure outside .

Time and Schedule.

- 2:00 PM Depart from Hotel (Traverse City)
- 2:30 PM Arrive at Housler Sawmill, Mesick MI
- 2:30-4:00PM: Tour of hardwood sawmill, log receiving yard, finished product shipping yard (Discussion will be around species use, methods of wood utilization, and market conditions for hardwood lumber products.)
- 4:00 PM: Depart sawmill for hardwood forest site visit
- 4:15-5:00 PM : Forest Field stop to discuss economics of hardwood forest management in Michigan
- 5:30: Arrival to Hotel (Traverse City)

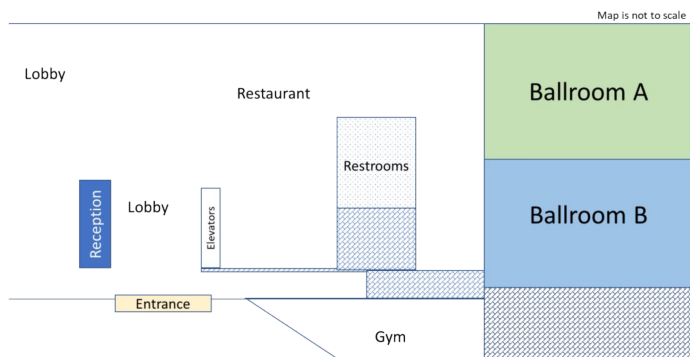
This tour is made possible by -
Michigan Department of Natural Resources



Information

- Reception:** 2 hours (5-7 PM) , May 23 : Roof Top (Rain Location: Restaurant)
- Breakfast:** 1.5 hours (6:30-8:00 AM), May 24 and 25 : Restaurant
- Lunch:** 1 hour, May 24 (12:00-1:00 PM) and May 25 (12:30-1:30 PM): Restaurant
- Keynotes:** **1 hour (8:15-9:15 AM), May 24: Ballroom A & B**
Keynotes are followed by Q&A with the speakers
- Concurrent Sessions:** 2 hours, May 24 –25: Ballroom A & B
- Special Session:** 1 hour (6:30-7:30 PM), May 24 : Ballroom A
- Poster Presentations:** May 24 during breaks and lunch, Between Restaurant & Ballrooms
- Breaks:** 30 mins, May 24 and 25, Restaurant
- Business Meeting:** 30 mins (7:30-8:00AM), May 25, : Restaurant
- Awards:** **30 mins, May 25, (10:00 —10:30 AM): Restaurant**
- Tour:** 3.5 hours, May 25, (2:00-5:30 PM): Housler Sawmill, Mesick MI

Meeting Room locations



Department of Forestry
MICHIGAN STATE UNIVERSITY

Host Team @MSU Department of Forestry

Raju Pokharel, Assistant Professor
raju2020@msu.edu, (517) 353-9447

Emily Huff, Assistant Professor, ehuff@msu.edu

Runsheng Yin, Professor, yinr@msu.edu

Jagdish Poudel, Adjunct Assistant Professor
poudelja@msu.edu | PoudelJ@michigan.gov

**Scan for more info on
2022 ISFRE Meeting**



For more details: https://www.canr.msu.edu/isfre_meeting/
<https://www.isfre.msstate.edu/>