

**INTERNATIONAL SOCIETY OF FOREST RESOURCE ECONOMICS (ISFRE)
2019 Annual Meeting**

Resources, Markets, Policies and People: The Broadening Scope of Forest Economics

**May 14-15, 2019
The Blackwell Inn
The Ohio State University
Columbus, OH**

Tuesday, May 14

BREAKFAST: 7:00 – 8:00 AM

OPENING SESSION: 8:00 – 10:15 AM

Room: TBA

8:00 AM: Welcome; Sayeed Mehmood, *The Ohio State University*

8:15 AM: ISFRE Business Matters, Marc Measells, *Mississippi State University*

8:30 AM: Keynote Speech—Dr. Tim Haab; *Chair, Department of Agricultural, Environmental, and Development Economics, The Ohio State University*

9:15 AM: Panel Discussion—“From Where I Sit: Recent Trends and Future Directions of Forestry and Forest Economics”.

Panelists:

Jeffrey P Prestemon, *USDA Forest Service*

Daniel Balser, *Chief, Division of Forestry, Ohio Department of Natural Resources*

Fred Cabbage, *NC State University*

Mary Ellen Aronow, *Hancock Natural Resource Group*

BREAK: 10:15 – 10:30 AM

INVITED SESSION: 10:30 – Noon

Spatial, Temporal, and Market Approaches for Modelling Forest Sector Pathways—An Invited Special Session

Room: TBA

Moderator: Adam Daigneault, University of Maine

Global forest management, carbon sequestration and bioenergy supply under alternative shared socioeconomic and relative concentration pathways; *Alice Favero, Georgia Tech, Adam Daigneault, University of Maine*

The future of deforestation and forest sector emissions in the Shared Socioeconomic Pathways; *Craig M.T. Johnston, University of Wisconsin-Madison*

Downscaling global forestry projections to regional conditions; *Justin S. Baker and Jason Jones, RTI International, Gregory Latta, University of Idaho, Sara Ohrel and Shaun Ragnauth, US-EPA*

Global woody biomass harvest volumes under different SSP-RCP scenarios: does socioeconomic development outrun climate change mitigation; *Nicklas Forsell, Pekka Lauri, Mykola Gusti, Anu Korosuo, Petr Havlík, and Michael Obersteiner, International Institute of Applied Systems Analysis (IIASA)*

Discussant: Brent Sohngen, The Ohio State University

LUNCH: Noon - 1:30 PM

CONCURRENT SESSIONS: 1:30 – 3:00 PM

SESSION 1A: Forest Management

Room: TBA

Moderator: TBA

Evaluating the Economic Benefits of Changing from Pure Forest to Mixed Forest Considering Carbon Payment and Harvesting Intensity; *Wan-Yu Liu and Yow-Ru Lin, National Chung Hsing University, Taiwan*

Consequences of Evolving Forestry Practice Cost Trends on the Financial Feasibility of Timber Management Scenarios in the Southern U.S.; *Pushkar Khanal and Thomas Straka, Clemson University*

Long-term timber cutting contracts in the southeastern U.S.: Updating the primer valuation framework; *Hector I. Restrepo, Richard B. Mei, and Bronson P. Bullock, University of Georgia*

Financial performance of diverse levels of early competition suppression and pre-commercial thinning on loblolly pine stand development: Using Historical Data; *Shaun M. Tanger, Louisiana State University*

SESSION 1B: Climate Change

Room: TBA

Moderator: TBA

Multi-criteria Management of Central Hardwood Forests under Climate and Fire Uncertainty with a Scenario Optimization Approach; *Wu Ma, Jingjing Liang, and Mo Zhou, Purdue University.*

Multi-model assessment of long-term climate change impacts on forests; *Alice Favero, Georgia Institute of Technology; Robert Mendelsohn, Yale University; Brent Sohngen, The Ohio State University; and Benjamin Stocker, CREAM*

Land Use Sector GHG Mitigation Potential across Socio-Economic Future Scenarios; *Jason Jones, Yongxia Cai, Justin Baker, RTI Internal; Gregory Latta, University of Idaho; and Christopher Wade, RTI International*

Impact of Climate Change on wildfire across China, based on plot-level data from national forest inventory; *Shilei Liu, and Jintao Xu, Peking University, China*

SESSION 1C: Energy and Carbon

Room: TBA

Moderator: TBA

Environmental and Health Benefits of Electricity Generation from Woody Biomass in the Southwestern United States; *Dr. Ching-Hsun Huang, Northern Arizona University; Dr. Benjamin A Bagdon, Colorado State University*

Cost and Benefit Analysis for Converting Coal-heating to Electricity-heating in Rural Area: A Case Study in Beijing based on Choice Experiment Approach; *Hui Wang, Beijing Forestry University; Lei Jiang, Chongyang Li, Beijing Municipal Research Institute of Environmental Protection; Junke Zhang, Beijing Forestry University*

Potential Economic Impacts of Allocating More Land for Bioenergy Biomass Production in Virginia; *Thomas O. Ochuodho, University of Kentucky; Janaki Alavalapati, Auburn University; Pankaj Lal, Montclair State University; Domena A. Agyeman, University of Kentucky; Bernabas Wolde, and Pralhad Burli, Montclair State University*

Consistent carbon equivalents for pricing the warming power of surface albedo according to its social cost; *Jussi Lintunen, and Aapo Rautiainen, Natural Resources Institute Finland (Luke)*

BREAK: 3:00 – 3:15 PM

CONCURRENT SESSIONS: 3:15 – 4:45 PM

SESSION 2A: International Issues

Room: TBA

Moderator: TBA

Forest Planning Authorization and Deforestation in the Amazon Forest; *Bruno Kanieski da Silva, Erin O. Sills, NC State University; Stella Schons, Virginia Tech*

Forest Reference Levels for the EU Member States: Uncertainties arising from the flexibilities in Regulation and respective modelling assumptions; *Nicklas Forsell, Anu Korosuo, Mykola Gusti, IIASA, Austria; Sebastian Rüter, Thünen Institute of Wood Research, Germany; Petr Havlik, Michael Obersteiner, IIASA, Austria*

How would the eucalyptus plantation possibly fill China's timber demand and supply gap? *Miaoying Shi and Jintao Xu, Peking University, China.*

CBFM (Community-Based Forest Management): Participation and Impacts: A case study in East Java, Indonesia; *Soraya Dayu, Hank Stelzer, Michael Gold, University of Missouri; Herry Purnomo, World Agroforestry Center.*

SESSION 2B: Policy Analysis

Room: TBA

Moderator: TBA

Potential Economic Impacts of Future Water Policy at Canton Lake, Oklahoma; *Adam Frakes, Omkar Joshi, Oklahoma State University; Neelam Poudyal, Zack Darby, University of Tennessee*

Assessing the Effectiveness of Forest Incentive Program on Watershed Conservation: An Ecological–Economic Modeling Approach; *Yangyang Wang and Mo Zhou, Purdue University*

Financial Effects of Alternative Federal Income Tax Treatment of Timber Casualty Loss on Private Family Forest Landowners in the US South; *Srijana Baral and Yanshu Li, University of Georgia*

How State Laws Affect Illegal Cannabis Growing on National Forests; *Jeffrey P Prestemon, USDA Forest Service*

SESSION 2C: Wildfire and other issues

Room: TBA

Moderator: TBA

Forecasting Wildfire Suppression Costs: Aggregate Climate Drivers; *Bruno Kanieski da Silva, NC State University; Karen Abt, Jeff Prestemon, Natasha James, USDA Forest Service*

Evaluating the wildfire risks and its impact on forest carbon in the United States; *Raju Pokharel, Gregory S Latta, University of Idaho; Sara Ohrel, US EPA*

A Walk in the Woods: Leadership, Activism, and Professionalism in Natural Resources; *Fred Cabbage, NC State University*

POSTER RECEPTION: 5:00 – 7:00 PM

Room: TBA

Sponsored by School of Environment and Natural Resources, The Ohio State University

North Carolina's Land Use; Transitions between Agricultural and Forest Land; *Chinazor S. Azubike, North Carolina A & T State University; Timothy Mulrooney, North Carolina Central University; Lyubov Kurkalova, North Carolina A & T State University*

Forest Carbon Offsets: A Viable Opportunity for Small-Scale Forest Owners? *Mark Megalos, Rajan Parajuli, Mansfield Fisher, Stephanie Chizmar, NC State University; Tatyana Ruseva, Appalachian State University*

Effects of Tax Cuts and Jobs Act 2017 on Private Timber Income in the US South; *Srijana Baral and Yanshu Li, University of Georgia*

An Economic Valuation of Coastal Marshes and Wetlands in South Carolina; *Andrew Purcell, Puskar N. Khanal, and Thomas J. Straka, Clemson University*

Price Premiums Required for Growing Higher Quality Southern Pine on Longer Rotation Age; *Arun Regmi, Donald L. Grebner, Robert K. Grala, and John L. Willis, Mississippi State University*

Small Versus Large Logging Businesses in the Lake States of Michigan, Minnesota and Wisconsin: Status and Future Outlook; *Shivan Gc, Karen Potter-Witter, Michigan State University; Charles R. Blinn, University of Minnesota; Mark Rickenbach, University of Wisconsin*

Impact of Geospatial Factors on Fuel Reduction Treatment Implementation by Nonindustrial Private Forest Landowners; *Anusha Shrestha and Robert K. Grala, Mississippi State University*

Impact of European Union Demand for Bioenergy on US forests: plot-level analysis; *Houston Sudekum, University of Missouri; Francisco Aguilar, Swedish University of Agricultural Sciences; Ashkan Mirzaee, Ram Dahal, Ronald McGarvey, University of Missouri; Karen Abt, USDA Forest Service*

Wednesday, May 15

BREAKFAST: 7:00 – 8:00 AM

CONCURRENT SESSIONS: 8:00 – 9:30 AM

SESSION 3A: Forest Products

Room: TBA

Moderator: TBA

Estimation of the Effect of the Conservation Reserve Program (CRP) on the Price of Sawtimber in the US South; *Noel Perceval Assogbaa and Daowei Zhang, Auburn University*

Cross-Laminated Timber (CLT) in the U.S. South: A sawmills' perspective; *Rajan Parajuli, NC State University; Richard Vlosky, Mason LeBlanc, Louisiana State University; and Charles Gale, Doug Fir Consulting*

The superior utilization of spruce wood (*Picea abies* [L.] Karst) in Harghita County, Romania; *Molnár Gábor, Transilvania University, Romania*

Sawmills Willingness to Pay a Price Premium for Higher Quality Pine Sawtimber Grown to a Longer Rotation Age; *Arun Regmi, Donald L. Grebner, Robert K. Grala, and John L. Willis, Mississippi State University*

SESSION 3B: Input-output and other Forest Sector Models I

Room: TBA

Moderator: TBA

Contribution, Correlation, Causality? *Matthew Pelkki, University of Arkansas at Monticello.*

Economic Contribution of West Virginia's Forest Products Industry: A look at 2015 and 2017 Data; *C. Clinton Gabbert, Kathryn Arano Gazal, and Joseph F. McNeel, West Virginia University*

Capturing the Economic Contribution of Forest Products Industry in the North Central and Northeastern region of the United States: Development and Implementation of Standard Procedures and Methods; *Jagdish Poudel, Larry Leefers, Michigan State University; Melissa Gibson, Public Sector Consultants; Dave Neumann, Michigan Department of Natural Resources*

Evaluating Potential Sources of Aggregation Bias with a Structural Model of the U.S. Forest Sector; *Justin Baker, Christopher Wade, RTI; Gregory Latta, Justin Baker, University of Idaho; and Sara Ohrel, US EPA*

BREAK: 9:30 – 9:45 AM

CONCURRENT SESSIONS: 9:45 – 11:15 AM

SESSION 4A: Forest Products Trade

Room: TBA

Moderator: TBA

How long do U.S. forest products exports and imports persist? *Changyou Sun, Mississippi State University; and Xufang Zhang, Purdue University*

Impacts of China's import tariffs on Indiana's hardwood industry: A Welfare Analysis; *Xufang Zhang, Mo Zhou, and Eva Haviarova, Purdue University*

Do Protectionist Trade Policies Integrate Domestic Markets? Evidence from the Canada-US Softwood Lumber Dispute; *Jinggang Guo and Craig M.T. Johnston, University of Wisconsin-Madison*

Market share and exchange rate pass-through in the international wood pellet trade; *Alexandra Siebel-McKenna, University of Wisconsin-Madison*

SESSION 4B: Input-output and other Forest Sector Models II

Room: TBA

Moderator: TBA

Sectoral Aggregation Bias in Economic Contribution Analysis: The Case of Kentucky Forest Sector; *Domena A. Agyeman, Thomas O. Ochuodho, University of Kentucky; and Omkar Joshi, Oklahoma State University*

Forest Sector Dependence and Economic Well-Being of Kentucky Communities; *Kamana Poudel, and Thomas O. Ochuodho, University of Kentucky*

Status of eastern redcedar (*Juniperus virginiana*) encroachment and potential use in future bioproducts industry in Oklahoma; *Ravneet Kaur, Omkar Joshi, and Rodney E. Will, Oklahoma State University.*

Economic Impact of Urban Forests in Texas; *Nana Tian and Aaron Stottlemyer, Texas A&M Forest Service*

OPTIONAL TOUR OF HOMESTEAD FURNITURE: Noon Departure from the Hotel