

Western Forest Economists 49th Meeting

May 18-20, 2014

Double Tree
Edgewater

Missoula
Montana



Events

Sunday May 18

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| 3:00 | Group Hike (meet at Double Tree lobby, led by Jordan Larson) |
| 4:30 | Brewery and Distillery Tour (meet at Double Tree Lobby, map available) |
| 6:00 | Welcome Appetizers (Double Tree atrium) |
| 6:30 | Dinner on your own (map available) |
| 8:00 | Fluid Sessions: Collaboration: Are we getting more done? |

Monday May 19

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| 7:00 | Breakfast |
| 8:00 | Keynote Speaker
Mark Lichtenstein
- Leveraging research in the process of budgeting for wildfire |
| 8:45 | Keynote Speaker
Dave Calkin
- Economics and risk assessment to support fire management – current efforts and future opportunities |
| 9:15 | Break |

9:30

Session 1: The economics of wildfire and hazardous fuel management and preventative wildfire mitigation

Thomas Buchholz

- Developing an analytical framework for quantifying greenhouse gas emission reductions from forest fuel treatment projects in Placer County, California

Matthew Thompson

- Modeling fuel treatment impacts on suppression costs: Where are we?

Charlotte Ham

- A closer look at drought conditions and wildland fire suppression expenditures in California

Max Nielsen-Pincus

- The effect of large wildfires on local labor markets and a preliminary assessment of the role of planning and adaptive capacity in community resilience: A mixed methods perspective from the western US

11:30

Lunch Keynote Speaker - TBD

12:30

Session 2: Escalating wildfire costs: modeling and cost containment

Anthony Prato

- Simulation of residential wildfire risk for Flathead County, Montana

Hari Katuwal

- The effects of information framing on willingness-to-pay for a wildfire management program to reduce wildfire risks in a contingent valuation survey

Mark Rasmussen

- Using timberland appraisal techniques to calculate wildland fire damages: Case study of Moonlight Fire

2:00

Break

2:15

Session 2A: Escalating wildfire costs: modeling and cost containment

Crystal Stonesifer

- Characterizing large airtanker use in federal fire suppression

Hari Kutuwal

- Suppression effectiveness for large wildland fire suppression effort

2:15

Session 2B: Escalating wildfire costs: modeling and cost containment

Michael Hand

- The influence of incident management teams on suppression resource use

Kevin Barnett

- Evaluating the economic efficiency of alternative wildfire management strategies

3:15

Break

3:30

Session 3A: The economics of carbon management now and in the future

Tyron Venn

- Economic evaluation of woody biomass energy versus fossil fuels

Thomas Buchholz

- Optimizing timber and carbon revenue under uncertainty – tool development for large property owners

Mr. Tom Hobby

- Quantifying emissions reductions for ecosystem restoration projects in the British Columbia Rocky Mountain Trench: Is biomass harvesting and utilization the answer?

Keith Stockmann

- Harvested wood product carbon storage estimates for all regions of the National Forest System from inception to 2012

3:30 Session 3B: The Economics of Forest Biomass and Sustainable Wood Production

Darius Adams

- Supply curves for delivered biomass in western Oregon and Washington

Mindy S. Crandall

- Modeling increased supply and emerging technologies in the forest products industry in the Pacific Northwest

Sinclair Tedder

- Logging high risk species and diversifying managed forests as strategies to increase socio-ecological resilience and adapt to climate change

William E. Schlosser

- Financially optimal harvest rotation timing using the Forest Resource Analysis System Software

Evan Hjerpe

- Valuing type and scope of forest and freshwater conservation: A meta-analysis

6:00 IAWF and AFE Exhibits (walk to the University of Montana University Center)

7:00 Monday evening BBQ (walk to Kiwanis Park Shelter)

8:00 Fluid Sessions: International Society of Forest Resource Economics (formerly SOFEW) **Changyou 'Edwin' Sun** plus a brief presentation by **Treasurer John Mills** about WFE and opportunities for sponsoring student presentations.

Tuesday May 20

7:00 Breakfast

8:00 Session 4A: Forest restoration and natural resource workforce analysis – commodity contributions and impacts

Colin Sorenson

- Employment impacts of timber harvesting and processing in the United States

Susan Winter, Kawa Ng and Doug Smith

- Economic contribution of national forests and grasslands — an example of economic contributions to sustainability

Chelsea McIver

- Who gets the work? Measuring the benefits of the collaborative forest landscape restoration program in western Montana

9:30 Break

8:00 Session 4B: Forest restoration and natural resource workforce analysis – commodity contributions and impacts

Chris Miller and Kawa Ng

- Ecosystem services and their contribution to sustainability: Examples and challenges

Ted Helvoight

- Critical habitat for threatened and endangered species: How should the economic costs be evaluated

Bistra Dilkina

- Applications of graph theory to optimize wildlife corridor systems for multiple species: Grizzly bear and wolverines in the northern Rockies

9:30 Break

9:45 Session 5A: Wood product analysis

Dr. Xiaoping Zhou

- West coast log and lumber export and their implications

Changyou “Edwin” Sun

- Intervention on U.S. bedroom furniture imports: Lessons and challenges

William E. Schlosser

- Real price appreciation forecast tool for log marketing

11:15 Break

11:30 **Beth Dodson** and **Steve Hayes**

- Developing a logging cost index for the western US

Robert Ahl and **Keith Stockmann**

- A data driven system for estimating minimum stump to mill and common costs for restoration forestry and other silviculture

9:45 Session 5B: Economics of government forests and natural resource management

William Warren

- The Clearwater Basin Collaborative: Finding a way forward to benefit the land and rural communities of North-Central Idaho

Karen Liu, Chris Miller and **Susan Winter**

- Economic guidance under the 2012 Planning Rule and 1982 Planning Rule

Kawa Ng

- Management action, contribution, and sustainability: A moderated discussion on indicator and evaluation

11:15 Break

11:30 **Chris Miller, Kawa Ng** and **N. Parachini**

- Benefits of land acquisitions: A screening-level approach using readily available GIS data

Todd Morgan

- Determining the costs of litigation of Forest Service projects in Region One

12:30 Lunch Keynote Speaker

Jay O’Laughlin

- Framework for economic analysis of proposed transfer of Federal lands to the state of Idaho

1:00 Western Forest Economist Business Meeting, Report of the Treasurer

1:30 Officers’ Meeting