

**Western Forest Economists &
International Society of Forest Resource Economics
2015 Meeting**

50 years of forest economics research

May 31 - June 2, 2015

**University of British Columbia Faculty of Forestry,
Forest Sciences Centre
2424 Main Mall, Vancouver, BC**



Program

May 31

3:00 pm-5:00 pm Optional: Stanley Park tour (Stanley Park)

7:00 pm-9:00 pm	CAWP Caseroom
	Fluid session

June 1, 2015

	Room 1001	Room 1002	Room 1003
Registration & Breakfast			
9:00 am-10:30am	Bioenergy and bioproducts 1	Ecosystem services	Innovations in modelling 1
Break			
10:45 am-12:15 pm	Bioenergy and bioproducts 2	Wildfire	Innovations in modelling 2
Lunch			
1:15 pm-2:45 pm	Bioenergy and bioproducts 3	Life Cycle Analysis	Forest management 1
Break			
3:00 pm-4:30 pm	Trade	Forestry trends 1	Incentives
Dinner			

June 2, 2015

	Room 1001	Room 1003	Room 1611
Breakfast			
9:00 am-10:30 am	Carbon	Forestry trends 2	Forest management 2
Break			
10:45 am-12:15 pm	Room 1005		
Lunch	Keynote session		
1:00 pm-2:00 pm	Optional: Highbury Energy gasification system tour (UBC Pulp and Paper Centre)		

Note: All breaks and meals will take place in the Atrium of the Forest Sciences Centre.

Poster session

This year's meeting will include a student poster session and competition. Each registered student may submit one poster for the competition.

Poster setup will be from 9:00 am-10:45 am on Monday, June 1 in the Forest Sciences Centre Atrium. Posters will remain on display until the end of the Keynote session on June 2.

Judging will occur throughout the day on June 1; results will be compiled no later than the end of the morning break on June 2. Judging will be led by James Henderson (Mississippi State University). Other Judges include Keith Stockman (USDA Forest Service), and one other to be announced.

Presentation of student poster competition awards will be performed by James Henderson during lunch on June 2, prior to conclusion of the meeting.

Keynote session

Status and trends in public land management (Moderator: Harry Nelson)

The keynote session will explore current issues and future trends in public land management in Canada and the US, highlighting differences and similarities between the two countries and the role of economics in addressing issues.



Luanne Lohr

National Program Lead for Economics Research, US Forest Service, United States Department of Agriculture.

USA



Doug Konkin

Adjunct Professor, Faculty of Forestry, University of British Columbia. Previously served as Deputy Minister (retired) of Forests, Lands and Natural Resource Operations, Province of British Columbia.

Canada

Presentations

Author	Title	Region
<i>Bioenergy and bioproducts - Session 1 of 3 (Moderator: Alicia Robbins)</i>		
Craig M.T. Johnston and G. Cornelis van Kooten	Wood biomass energy and climate urgency	Global
Mark Boyland	A Canadian forest sector bioeconomy: is it in reach?	Canada
Thomas Hobby	Biomass energy technology options – will gasification make a difference?	USA
Karen L. Abt, Prakash Nepal and Robert Abt	Forest and market consequences of pellet exports resulting from EU renewable energy policies	Europe/USA
<i>Ecosystem services (Moderator: Susan J. Alexander)</i>		
Shashi Kant, Ilan Vertinsky and Bin Zheng	Valuation of First Nations peoples' social, cultural, and land use activities using life satisfaction approach	Canada
Ram P. Dahal, Robert K. Grala and Jason S. Gordon	Quantification of values associated with land use in coastal areas of Mississippi and Alabama	Mississippi and Alabama
Stephen C. Grado, Kathleen L. Wolf, Marcus K. Measells and Alicia S.T. Robbins	Metro nature, urban forests and human health - valuation of urban ecosystem services	USA and Canada
Kahlil Baker	Assessing choices: the opportunity costs of participating in PES	Developing countries
<i>Innovations in Modelling - Session 1 of 2 (Moderator: Claire A. Montgomery)</i>		
Brock Davis, Ian Munn, James Henderson and Bronson Strickland	Economic tradeoffs of managing pine plantations for timber production or wildlife habitat	USA
Bin Mei	A pure-play timberland return index based on securitized timber firms	USA
Gwen Busby and Clark Binkley	Sources of risk in timberland investment	USA
Rene Zamora and John Sessions	Forward reaching optimization to increase economic value of trees for wood pole production	USA

Author	Title	Region
<i>Bioenergy and bioproducts - Session 2 of 3 (Moderator: Alicia Robbins)</i>		
Sinclair Tedder	A preliminary assessment of the supply and demand for biomass residuals in British Columbia	British Columbia
Jean M. Daniels and Michael Paruszkiewicz	Estimates of potential wood energy demand in Alaska	Alaska
Caren C. Dymond and Adam Kamp	Wood energy production and consumption in BC	British Columbia
Kurt Niquidet	Estimates of residual fibre supply from a forest sector transportation model of the Canadian Prairie Provinces	Prairies of Canada
<i>Wildfire - Session 1 of 2 (Moderator: James Henderson)</i>		
Hailey K. Buckingham	Machine learning methods to improve fire suppression policies on simulated landscapes	USA
Keith D. Stockmann	Estimating fire program management cost savings from fuel treatments in the US Forest Service's Collaborative Forest Landscape Restoration Program, using the Risk and Cost Analysis Tools package	USA
Hari Katuwal	Suppression resource for large wildland fire suppression during extended attack	USA
Karen Abt, Charlotte Ham and Jeff Prestemon	Budgeting for federal wildland fire suppression expenditures at two year lead times	USA
Michael S. Hand, Julie Gilbertson-Day, Lorri Peltz-Lewis and David Calkin	Wildfire suppression cost allocation: a case study of the California protection exchange	California
<i>Innovations in Modelling - Session 2 of 2 (Moderator: Omkar Joshi)</i>		
Gregory Latta, Justin Baker, Sara Ohrel and Annah Latane	Evaluating potential U.S. forest greenhouse gas fluxes with a spatial partial equilibrium model	USA
Changyou Sun	Imperfect competition and timber market dynamics after hurricanes	Louisiana
Anne-Hélène Mathey	Cumulative impacts of climate change on the Canadian forest sector's regional fibre supply and global trade patterns	Canada
Matthew P. Thompson, Karin L. Riley, Michael S. Hand and Joe H. Scott	Improved Spatial Fire Economics Modeling	USA

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<i>Bioenergy and bioproducts - Session 3 of 3 (Moderator: Keith Stockmann)</i>		
Raju Pokharel and Robert K. Grala	Mill capacity and willingness to utilize additional logging residues to produce electricity in southern United States	Southern USA
Mindy S. Crandall, Claire A. Montgomery and Darius Adams	The feasibility of intermediate processing centers to enable greater biomass supply	Pacific Northwest USA
Raju Pokharel and Robert K. Grala	Likelihood of developing wood-based bioenergy clusters in the southern United States	Southern USA
<i>Life Cycle Analysis (Moderator: Mark Rasmussen)</i>		
Chander Shahi and Krishnahari Homagain	Life cycle cost assessment of bioenergy production and biochar land application in northwestern Ontario, Canada	Ontario
Catalin Ristea and Thomas C. Maness	C3BO: a method for assessing the greenhouse gas and carbon balance of biofuel projects that displace gasoline with wood ethanol from fast growing tree plantations	USA
Prakash Nepal, Kenneth Skog, David McKeever, Richard Bergman, Karen Abt and Robert Abt	Carbon mitigation impacts of increased wood use for non-residential construction in the U.S.	USA
Catalin Ristea and Thomas C. Maness	Modeling the life-cycle biogenic carbon balance of afforestation-to-biofuel projects with the Biogenic Carbon Dynamics model (Bio-CarbD)	USA
<i>Forest Management - Session 1 of 2 (Moderator: Steve Grado)</i>		
Gregory E. Frey, Robert R. Davis, Frederick Cabbage, Diana Rodriguez-Paredes and Carole Megevand	Community forest enterprises in Mexico: competitiveness and value from enterprise and community perspectives	Mexico
Ana Paula Donicht Fernandes, Vitor Afonso Hoeflich and Harry Nelson	The traditional communities in Brazil and its importance for forest conservation	Brazil
William Wagner	Elkhorn - a coastal forest village concept in catalyzing regional economic forest activity	British Columbia
Angela Mawdsley	The use of value chain analysis to assess natural resource use	British Columbia
Daowei Zhang	The historical roots of institutional timberland investment in the U.S.: some implications for forest management and for international timberland investments	USA

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Trade (Moderator: G. Cornelis van Kooten)		
Craig M.T. Johnston and G. Cornelis van Kooten	Modeling trade in forest products: a solution to the tariff problem	Global
David Evison and Lei Wang	Impacts of changing patterns of forestry trade to the global forest business: the rise of Asia and the Pacific Rim	Global
Han Zhang and Qing Zhao	A monthly model of China's demand for log imports: a cointegration approach	China
Rajan Parajuli, Sudipta Sarangi, Sun Joseph Chang and R. Carter Hill	The United States-Canada Softwood Lumber Agreement 2006: an actual versus optimal export tax	USA and Canada
Rebecca Ewing	A review of the Canada-US Softwood lumber dispute from a BC perspective	British Columbia
Mark Rasmussen	The Wind Chill Index: expressing log export increments in terms of US housing starts	USA
Forestry Trends - Session 1 of 2 (Moderator: Harry Nelson)		
Greg Latta, Andrew Platinga and Matthew Sloggy	The effects of internet use on global demand for paper products	Global
Ram P. Dahal, James E. Henderson, Ian A. Munn, Donald Grebner and Robert Grala	Structure and contribution of the U.S. forest products industry over time	USA
Gregory E. Frey, Keith Blatner, Michael Jacobson et al.	25 Years of economic research on non-timber forest products in the United States: history, trends, status, and future priorities	USA
Bob Ewing and Alicia Robbins	Forest paradigms: reframing forestry's future	USA
Incentives (Moderator: Mark Rasmussen)		
Kel Rayens	Stakeholder evaluation of the potential of market-based instruments (MBIs) for conservation in Rwanda	Rwanda
Jesse D. Henderson	An empirical agent-based model of heterogeneous forest landowner decision-making	North Carolina
Matt Vermette and Hayley Hesseln	Assessing the economic benefits of co-operation: a case study of small forest operators in Saskatchewan	Saskatchewan
Jason Gordon, James Henderson, Butch Bailey et al.	Climate change education in forestry extension: a case study from Mississippi	Mississippi

Author	Title	Region
<i>Carbon (Moderator: Claire A. Montgomery)</i>		
Bruce Lippke, Elaine O'Neil and Holly Fretwell	We have carbon negative technologies, but who really knows, and why don't we use them?	Global
Joseph Buongiorno	Long-term implications of CO2 fertilization for global forests and forest industries	Global
Ram Pandit, Prem R. Neupane and Bishnu Hari Wagle	Economic feasibility of REDD+ in community forests of Nepal: evidence from REDD+ piloting sites	Nepal
David Evison	The New Zealand forestry sector's experience in providing carbon sequestration services within the framework of an emissions trading scheme	New Zealand
William Stewart, Benktesh Sharma and Jeremy Fried	Assessing carbon and ecosystem footprints of forest management scenarios for California's timberlands over 40 years of growth, management and disturbances	California
Baojing Sun, Craig M.T. Johnston and G. Cornelis van Kooten	Carbon flux in British Columbia's forests: options for biomass as an energy source	British Columbia
<i>Forestry Trends - Session 2 of 2 (Moderator: Bin Mei)</i>		
Dave Cohen and Alice Palmer	Firm transformation in the Canadian forest sector: what is really happening!	NA and Europe
Jiali J. Leng	Results and trends from the B.C. Ministry of Forests, Lands and Natural Resource Operations-Annual Survey of Mills	British Columbia
Mahsa Mojahednia, Harry Nelson and Chris Gaston	Assessing the impact of policies and regulations on timber supply: British Columbia case study	British Columbia
Hakan Uslu and Larry Teeter	Changes in forest products production and their effects on rural economies of West Alabama	Alabama
<i>Forest Management - Session 2 of 2 (Moderator: Larry Teeter)</i>		
Zhuo Ning and Changyou Sun	Forest management and wildfire prevention under forest carbon policies	USA
Ngaio Hotte and Harry Nelson	Policies and incentives to support collaborative wildfire planning and management in British Columbia	British Columbia
Harry Nelson, Allan Carroll, Brad Seely, Clive Welham and Arnold Moy	Evaluating the cost-effectiveness of Alberta's forest management strategies in response to the Mountain Pine Beetle	Alberta
Zhen Xu	Modeling potential impact of Mountain Pine Beetle infestation on the lumber industry in Alberta	Alberta
Sun Joseph Chang	Generalized Faustmann formula with forest taxation	USA

Location map

Faculty of Forestry, Forest Sciences Centre
2424 Main Mall
Vancouver, BC



Location map

CAWP Caserom

