

**2016 Joint Annual Meeting**  
**Northeastern Mensurationists Organization (NEMO) / Southern**  
**Mensurationists (SOMENS)**  
**Sunday November 13, 2016 - Tuesday, November 15, 2016**

Colonial Inn  
Concord, MA

Time	Title	Presenter	Affiliation
Sunday, November 13, 2016			
5:00 - 8:00 PM	Meeting registration and opening reception		
Monday, November 14, 2016			
7:00 - 8:00 AM	Continental Breakfast		
8:00 - 10:00 AM	Session 1 - Forest inventory and sampling		
8:00 - 8:20 AM	A review of Bhutan's National Forest Inventory	Tim Gregoire	Yale University
8:20 - 8:30 AM	Expansion of State-level Estimation of Private Forest Landowner Population Size to the County-level	Neil Ver Planck	Michigan State University
8:30 - 8:50 AM	Effect of Ground Plot Spatial Accuracy on the Calibration of Area-Based LiDAR Forest Inventory Estimates	Adam Dick	New Brunswick Department of Energy and Resource Development
8:50 - 9:00 AM	[short format presentation]		
9:00 - 9:20 AM	The Lies in LiDAR	John Kershaw	University of New Brunswick
9:20 - 10:00 AM	[Panel discussion on developments in inventory and sampling]		
10:00 - 10:30 AM	Coffee and Snack Break		
10:30 - 12:30 PM	Session 2 - Assessing economic efficiency of sampling, measurement, and modelling methods		
10:30 - 10:50 AM	Optimal Sample Size and Plot Size or Point Sampling Factor Based on the Cost-Plus-Loss Criterion Using the Fair eld Smith Plot Size Relationship	Tom Lynch	Oklahoma State University
10:50 - 11:00 AM	[short format presentation]		
11:30 - 11:50 AM	[long format presentation, or student session]		
11:50 - 12:30 PM	[Panel discussion on assessing economic efficiency of sampling, measurement and modelling methods ]		

12:30 - 1:15 PM	Lunch		
1:15 - 3:15 PM	Session - 3 Prediction of tree and stand-level attributes		
1:15 - 1:35 PM	Impacts of climate-driven, intraspecific variation in stem wood density on biomass stock assessments for tree species of the eastern US.	Brian Clough	University of Minnesota
1:35 - 1:45 PM	Stocking Diagrams over time: and simple ways to use repeat measurement data	David Larsen	University of Missouri, Columbia
1:45 - 2:05 PM	Modeling variation in individual tree defoliation caused by spruce budworm in Maine, USA and New Brunswick, Canada	Cen Chen	University of Maine
2:05 - 2:15 PM	Understanding Stripped Lines in Residual Plots of Stem Analyzed Dominant Height Modeling	Mingliang Wang	University of Georgia
2:15 - 2:35 PM	An Integrated System for Modeling Tree and Stand Survivals	Quang Cao	Louisiana State University
2:35 - 3:15 PM	[Panel discussion on Prediction of tree and stand-level attributes]		
3:15 - 3:45 PM	Coffee Break		
3:45 - 5:30 PM	Session - 4 Projecting Tree, Stand and Forest Growth		
3:45 - 4:05 PM	[long format presentation]		
4:05 - 4:15 PM	Hybrid growth and yield models for Eucalyptus clones subject to different environmental conditions in Brazil	Scolforo Henrique	North Carolina State University
4:15 - 4:35 PM	Allometric scaling of urban- versus forest-grown trees: responses to shading and wind resistance	David Macfarlane	Michigan State University
4:35 - 4:45 PM	Evaluating the Influence of Stem Form and Vigor on Product Potential, Growth, and Survival for Several Northern Commercial Hardwood Species	Mark Castle	University of Maine
4:45 - 5:30	[Panel discussion on projecting tree, stand and forest growth]		
5:30 - 6:30	PPS Sampling		
6:30 - 8:30	Dinner and evening reception		
Tuesday, November 15			
7:00 - 8:00 AM	Continental Breakfast		
8:00 - 9:40 AM	Session 5 - Use of nonparametric and parametric methods in forestry		
8:00 - 8:20 AM	Modeling Inventory Pine Product Proportions	Bill Stansfield	Campbell Global
8:20 - 8:30 AM	An assessment of uncertainty in volume estimates for stands reconstructed from tree stump information	James Westfall	USFS

8:30 - 8:50 AM	Modeling the Impact of Overstory Density on the Regeneration Dynamics of Missouri Ozark Forests	Lance Vickers	University of Missouri
8:50 - 9:00 AM	New Variable-top Merchantable Volume and Weight Equations Derived Directly from Cumulative Relative Profiles for Loblolly Pine	Dehai Zhao	University of Georgia
9:00 - 9:40 AM	[Panel discussion on modeling methods in forestry]		
9:40 - 10:00 AM	<i>Coffee and Snack Break</i>		
<b>10:00- 12:00 PM</b>	<b>Session 6 - Mixed Topics</b>		
10:00 - 10:20 AM	An evaluation of site-specific and generalized spatial models of aboveground forest biomass based on Landsat time-series and LiDAR strip samples in the eastern U.S.A.	Ram Deo	University of Minnesota
10:20 - 10:30 AM	Stand structural classification and associated driving factors for American beech ( <i>Fagus grandifolia</i> Ehrh) forests of Northeastern USA: Implications for forest management strategies	Arun Bose	University of Maine
10:30 - 10:50 AM	United, we stand; divided, we fall: Spatial associations model of two dominant riparian species under flooding	Ruihua Liu	Chinese Academy of Science
10:50 - 11:00 AM	Is Height-Diameter Relationship Affected by Stand Origin	Mahadev Sharma	Ontario Forest Research Institute
11:00 - 11:20 AM	[long format presentation]		
11:20 - 11:30 AM	Green weight, taper, and volume equations for loblolly pine in Oklahoma USA	William Harges	Oklahoma State University
11:30 - 11:50 AM	Quantifying white-tailed deer browse impacts with forest inventory data across the Lake States region of the United States	Stephanie Patton	University of Minnesota
11:50 - 12:00 PM	[short format presentation]		
12:00 - 12:30 PM	Business meeting		
12:30 - 1:30 PM	Lunch		
	<b>Adjourn</b>		