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 (Cottage 36)*		
Monday, November 14, 2016			
7:00 - 8:00 AM	*Breakfast Buffet (Main Dining Room)*		
8:00 - 10:00 AM	**Session 1 - Forest inventory and sampling** *(Heritage Room)*		
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 - 9:05 AM	Stem measurements using photogrammetric point cloud	Bogdan Strimbu	Oregon State University
9:05 - 9:25 AM	The Lies in LiDAR	John Kershaw	University of New Brunswick
9:25 - 9:45 AM	Plot size and prediction model form effects on diameter distribution recovery methods	Charles Sabatia	Mississippi State University
9:45 - 10:05 AM	Panel Discussion	Nan Pond	SilviaTerra
10:05 - 10:30 AM	*Coffee and Snack Break*		
10:30 - 11:50 PM	**Session 2 - Assessing economic efficiency of sampling, measurement, and modelling methods** *(Heritage Room)*		
10:30 - 10:50 AM	Optimal Sample Size and Plot Size or Point Sampling Factor Based on the Cost-Plus-Loss Criterion Using the Fairfield Smith Plot Size Relationship	Tom Lynch	Oklahoma State University

10:50 - 11:10 AM	Borrowing information from one species to predict aboveground biomass in another: a mixed-modeling approach	Phil Radtke	Virginia Tech
11:10 - 11:30 AM	Sample design when you're working with someone else's money and land: A consultant's perspective	Stephen Logan	F&W Forestry
11:30 - 11:50 PM	Panel Discussion	Zack Parisa	SilviaTerra
11:50 - 1:15 PM	*Lunch (Main Dining Room)*		
1:15 - 3:15 PM	**Session - 3 Prediction of tree and stand-level attributes** *(Heritage Room)*		
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 - 2:55 PM	Wavelet decomposition of the sample variance for areal sampling methods	Jeff Gove	USFS
2:55 - 3:15 PM	Panel Discussion	Robert Froese	Michigan Tech
3:15 - 3:45 PM	*Coffee Break*		
3:45 - 5:30 PM	**Session - 4 Projecting Tree, Stand and Forest Growth** *(Heritage Room)*		
3:45 - 4:05 PM	Accounting for uncertainty in growth and yield models	Cristian Montes	University of Georgia
4:05 - 4:15 PM	Hybrid growth and yield models for Eucalyptus clones subject to different environmental conditions in Brazil	Henrique Scolforo	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 - 4:50 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
4:50: 5:00	Growth and yield of loblolly pine in the southern US - A meta-analysis	Hector Restrepo	University of Georgia
5:00 - 5:10 PM	Benchmarking gains from planting improved loblolly pine genotypes	Melissa Shockey	University of Georgia

5:10 - 5:30	Panel Discussion	John Paul McTague	Rayonier
5:30 - 6:30	*PPS Sampling (Heritage Room)*		
6:30 - 8:00	*Dinner (Main Dining Room)*		
8:00 - 10:00	*Evening Reception (Cottage 36)*		
	Tuesday, November 15		
7:00 - 8:00 AM	*Continental Breakfast*		
8:00 - 9:40 AM	**Session 5 - Modeling methods in forestry** *(Heritage Room)*		
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 - 9:20 AM	Modifying the component ratio method: Implications for carbon accumulation in eastern U.S. forests	David Walker	Virginia Tech
9:20 - 9:30 AM	Developing Enhanced Forest Inventories from Point Clouds Across the Northern New England Region	Elias Ayrey	University of Maine
9:20 - 9:40 AM	An exploration of methods and factors influencing the prediction of occurrence and proportion of rot in trees of the Northeastern United States	Jereme Frank	University of Maine
9:40 - 10:00 AM	*Coffee and Snack Break*		
10:00- 12:00 PM	**Session 6 - Mixed Topics** *(Heritage Room)*		
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	Does commercial thinning improve the volume growth efficiency of large conifer trees?	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 Sciences
10:50 - 11:10AM	Is Height-Diameter Relationship Affected by Stand Origin?	Mahadev Sharma	Ontario Forest Research Institute
11:10 - 11:20 AM	Growth and yield models for loblolly pine in the Western Gulf region	Bronson Bullock	University of Georgia
11:20 - 11:30 AM	Quantifying the growth and yield of Mountain Pine Beetle (MPB) affected stands in British Columbia (BC), Canada	Wenli Xu	British Columbia Ministry of Forests

11:30 - 11:40 AM	[Green weight, taper, and volume equations for loblolly pine in Oklahoma USA](#)	William Harges	Oklahoma State University
11:40 - 12:00 PM	[Quantifying white-tailed deer browse impacts with forest inventory data across the Lake States region of the United States](#)	Stephanie Patton	University of Minnesota
12:00 - 12:30 PM	Business meeting		
12:30 - 1:30 PM	Lunch *(Main Dining Room)*		
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