

Agenda 2006: 10th Annual NEMO Meeting

Grey Towers

Milford, PA

October 31st to November 1st

Tuesday, October 31st

7:30 Breakfast at Grey Towers

8:15 Registration

8:45 Welcome and Opening Remarks: Harry Valentine

Session I: John Brooks, Moderator

9:00 A hierarchical approach for scaling forest inventory and fuels data from local to landscape scales in the Chihuahuan Desert borderlands Helen M. Poulos, Ann E. Camp and Richard G. Gatewood

9:25 Measurement variability error for volume change estimation James A. Westfall and Paul L. Patterson

9:50 Regional forest inventory using an airborne profiling LiDAR Ross Nelson

10:15 Break

10:45 Will cruising in the future be pointless? Harry V. Wiant, Jr.

11:10 Thirty-six degrees of longitude and ten degrees of latitude: Building the NRS-FIA analytical science program William H. McWilliams

11:35 LOESS models for empirical yield curve development John Kershaw

12:00 Lunch at Grey Towers

Session II: Harry Valentine, Moderator

1:00 An improved trigonometric approach to height determination Don C. Bragg

1:25 A comparison of several sampling methods in partially-harvested stands in Maine Bob Lindemuth

1:50 Monitoring in the new Northern Research Station Charles T. Scott and James A. Westfall

2:15 Recovering forest parameters from canopy height observations Lauri Mehtätalo and Jukka Nyblom

2:40 The use of photography techniques to perform angle count sampling under a range of stand conditions Adam R. Dick

3:05 Break

3:35 Assessing radial sampling intensity based intra- and inter-tree variation in ring-width correlations Eddie Bevilacqua

4:00 A growth and yield simulator for managed, uneven-aged northern hardwood stands in New York Diane Kiernan and Eddie Bevilacqua

Wednesday, November 1st

7:30 Breakfast at Grey Towers

Session III: John Brooks, Moderator

- 8:30 Exploring spatial heterogeneity of model residuals for different spatial patterns of tree locations Nirmal Subedi, Lianjun Zhang and Haijin Shi
- 8:55 Adventures in using FIA data for the U.S. forestland greenhouse gas emissions and sinks inventory Linda S. Heath and James E. Smith
- 9:20 Bayesian analysis of redwood LAI data Ed Green
- 9:45 Red Pine: Are localized tree volume equations needed for West Virginia Lichun Jiang and John Brooks
- 10:10 Break
- 10:40 Modelling effects of overstory density and competing vegetation on tree height growth Christian Salas, Albert R. Stage, Andrew P. Robinson
- 11:05 Reducing variance for radial line sampling coverage estimates Thomas B. Lynch
- 11:30 Looking for the plateau in Douglas-fir annual volume increment David Hyink
- 12:00 Lunch at Grey Towers & Adjourn
- 1:00 Tour of Grey Towers (optional)