Center for Advanced Forestry Systems

Semi-Annual CAFS IAB Meeting
October 25, 2022
Virtual via Zoom
https://maine.zoom.us/j/86517045856

Hosted by the University of Maine,
Center for Research on Sustainable Forests

DRAFT AGENDA

2:00 PM	Welcome/Overview	Aaron Weiskittel, UM	
2:05 PM	CAFS Lead Site & Updates	Aaron Weiskittel, UM	

NEW PROJECT PROPOSALS

2:10 PM	22.98 Online GeoSpatial Data Portal	New	Okan Pala, NCSU
2:20 PM	22.99 Loblolly pine silviculture	New	Bronson Bullock, UGA
2:30 PM	Open Discussion/Concerns/Comments	All	

PROJECT UPDATES

2:40 PM	16.69 Stand and Tree Responses to Late Rotation Fertilization	Continuing	Kim Littke, UW
2:45 PM	19.75 Assessing & mapping regional variation in site carrying capacity across the primary forest types in the US	Continuing	Cristian Montes, UGA or Rachel Cook, NCSU
2:50 PM	19.76 Assessing & mapping regional variation in site productivity across the primary forest types in the US	Continuing	Jaslam Poolakkal, UI; Haley Anderson
2:55 PM	20.78 Intraspecific hydraulic responses of commercial tree seedlings to nursery drought conditioning	Continuing	Andrei Toca, PU
3:00 PM	20.79 Multi-regional evaluation of new machine learning algorithms for mapping tree species distribution and abundance	Continuing	Kasey Legaard, UM
3:05 PM	20.80 Using hyperspectral imaging to evaluate forest health risk	Continuing	Sylvia Park, PU
3:10 PM	20.81 Resilience of soil organic matter to harvesting: A global study of long-term soil productivity experiments	Continuing	Jeff Hatten, OSU
3:15 PM	20.82 Stand response to thinning: Enhancing response prediction through modeling	Continuing	Eric Turnblom, UW
3:20 PM	20.83 Using predictive analytics to decompose site index	Continuing	Jason Cross, UW

3:25-3:35	BREAK		
3:35 PM	20.84 Physiologic response to commercial fertilization programs in Pacific Northwest forest plantations	Continuing	Kim Littke, UW
3:40 PM	21.85 Variation in productivity, wood quality and soil carbon of nine conifer species across a gradient in water deficit	Continuing	Emily Von Blon, OSU
3:45 PM	21.86 Stem form of nitrogen fertilized Douglas-fir trees	Continuing	Doug Mainwaring, OSU
3:50 PM	21.87 Linking leaf area index and remote sensing across different forest types	Continuing	Andrew Trlica, NCSU
3:55 PM.	21.88 Quantifying silvicultural treatment effect on lumber quantity and quality in loblolly pine	Continuing	Joe Dahlen, UGA
4:00 PM	21.89 Quantifying carbon sequestration as a function of silvicultural treatment in loblolly pine	Continuing	Joe Dahlen, UGA
4:05 PM	21.90 Improving Forest Sample Estimation through UAS Canopy Structure Stratification	Ending	Logan Wimme, UI
4:10 PM	21.91 NCSU START	Continuing	Rachel Cook, NCSU
4:15 PM	21.92 UMaine START	Continuing	Aaron Weiskittel, UM
4:20 PM	22.93 UMaine INTERN The Effect of Common Field Merchandizing Methodologies on Estimates of Sawlog Volume	Ending	Ryan Smith, UM
4:25 PM	22.94 NCSU INTERN New Techniques in Predict Fertilizer Response in Loblolly Pine	Continuing	Rachel Cook, NCSU
4:30 PM	22.95 UIdaho INTERN Improving Tree Seedling Survival with Defense-enhancing Endophytes	Continuing	Abby Ferson, UI
4:35 PM	22.96 SUNY Monroe Community College START	New	Jon Little, MCC
4:30 PM	22.97 UIdaho INTERN Definition of Tree Dominance as Measured by Remote Sensing	New	Noel Dougherty, UI
4:40 PM	IAB/Site Breakouts	All	
4:55 PM	Reconvene/June 2023 IAB/Final Comments	All	
5:00 PM	Adjourn		