THE 6TH FOREST VEGETATION SIMULATOR CONFERENCE

Hilton Hotel

Fort Collins, CO

March 7th- 9th

Tuesday, March 7th, 2023

7:30 - 8:30 am	**Registration**	**Lobby**
8:30 – 9:00 am	**Welcome and Keynote Address**	**Troy Heithecker, Associate Deputy Chief – National Forest Systems**
Session 1: Model Development Morning Moderator: Mike Shettles / Afternoon Moderator: Mark Castle	
9:00 – 9:30 am	*Functional diversity effects on individual-tree growth, crown ratio, and tree mortality in California forests: implications for FVS modeling*	**Christopher Looney**
9:30 – 10:00 am	*Evaluating Long-Term Seedling Growth Across Densities Using Nelder Plots and the Forest Vegetation Simulator (FVS) in the Black Hills, South Dakota, USA*	**Wade Tinkham**
10:00 – 10:30 am	**Coffee Break**	
10:30 – 11:00 am	*Use of FVS to evaluate competing vegetation control and fertilization effects on reforestation*	**Katherine Wood**
11:00 – 11:30 am	*How Long Was That Treatment Effective? An FIA-Based Imputation Procedure to Account for Natural Tree Regeneration Post-Treatment in FVS*	**Sebastian Busby**
11:30 – 12:00 am	*REGEN2FVS: Linking REGEN3 to the Forest Vegetation Simulator in Project Analyses*	**Chad Keyser**
12:00 – 1:30 pm	**Lunch Break**	
1:30 – 2:00 pm	*The Acadian Variant of the Forest Vegetation Simulator: Evolution, Assessment, and Future Development*	**Aaron Weiskittel**
2:00 – 2:30 pm	*Accessing and using Forest Inventory and Analysis (FIA) data in FVS*	**John Shaw**
2:30 – 3:00 pm	*FVSOnline Server Software Components, Installation, and Management*	**Nicholas Crookston**
3:00 – 3:30 pm	**Coffee Break**	
3:30 – 4:00 pm	*A bottom-up approach for national-level projections of forest growth in Canada*	**Mathieu Fortin**
4:00 – 4:30 pm	*Climatic sensitivities derived from tree rings improve predictions of the Forest Vegetation Simulator growth and yield model*	**Courtney Giebink**
5:00 – 6:00 pm	**Social at Hilton – no host bar**	

Wednesday, March 8ᵗʰ, 2023

Session 2: Project Application
Morning Moderator: Lance David / Afternoon Moderator: Mike Battaglia

Time	Title	Presenter
8:30 – 9:00 am	*Improving postfire management decision-making by understanding the consequences of passive and active forest management following large stand-replacing wildfires*	**Morris Johnson**
9:00 – 9:30 am	*Modeling Outyear Treatments for Large-scale Landscape Restoration in FSveg Spatial Data Analyzer*	**Haley Anderson**
9:30 – 10:00 am	*Using FVS to Update Old Stand Data to Improve, Prescribed Treatments and Timber Sale Decisions*	**Jared Nobles**
10:00 – 10:30 am	**Coffee Break**	
10:30 – 11:00 am	*Using FIA data and FVS to Develop Yield Streams and State-and-Transition Models for National Forest Planning*	**John Shaw**
11:00 – 11:30 am	*FVS Modeling for the Devils Hens Nest Vegetation Management Project*	**Joseph Elliott**
11:30 – 12:00 am	*Integration of Wildlife Habitat Into a Constrained-Optimization Timber Management Strategy*	**Casey Phillips**
12:00 – 1:30 pm	**Lunch Break**	
1:30 – 2:00 pm	*FVS and Natural Climate Solutions: Initial Feedback from Forest Carbon Modeling Group Engagement*	**Christopher Woodall**
2:00 – 2:30 pm	*Simulating potential of improved forest management for carbon sequestration on Northeastern US forests*	**Weier Liu**
2:30 – 3:00 pm	*Automating High-Resolution, Large-Extent FVS Simulations for a Carbon Accounting Protocol*	**Dave Schmidt**
3:00 – 3:30 pm	**Coffee Break**	
3:30 – 4:00 pm	*Development of Carbon Entity Guidelines for Wildfire and Prescribed Fire in the Continental United States*	**Shawn Urbanski**
4:00 – 4:45 pm	**Panel Discussion: Carbon Modeling**	**Chris Woodall, Weier Liu, Dave Schmidt**

Thursday, March 9th, 2023

Session 3: Model Evaluation
Morning Moderator: John Shaw / Afternoon Moderator: Dan Wagner

Time	Title	Speaker
8:30 – 9:00 am	*Impacts of Early Stand Density Treatments on Observed vs Projected Diameter and Height Increments in Mixed Conifer Stands of the Inland Northwest*	**David Affleck**
9:00 – 9:30 am	*Growth and Yield Modeling for the State of Maine*	**Jereme Frank**
9:30 – 10:00 am	*Using an automated, high-resolution FVS workflow for regional planning in California.*	**Carrie Levine**
10:00 – 10:30 am	**Coffee Break**	
10:30 – 11:00 am	*Assessing the accuracy of FVS for evaluating effects of landscape disturbance*	**Ethan Yackulic**
11:00 – 11:30 am	*Calibrating FVS growth and mortality multipliers in Northern California from FIA observations*	**Sara Loreno**
11:30 – 12:00 am	*Assessment of Crown Base Recession in Uneven-Aged Ponderosa Pine Forests of Colorado and Arizona*	**Wade Tinkham**
12:00 – 1:30 pm	**Lunch Break**	
1:30 – 2:00 pm	*FVS in the Hands of a Consultant*	**Clara Clark**
2:00 – 2:30 pm	*Integrating FIA with a New Approach to Make FVS Climate-Aware in the Pacific Northwest*	**David Diaz**
2:30 – 3:00 pm	*Power-user Features of FVS and FVSOnline*	**Nicholas Crookston**
3:00 – 3:30 pm	**Coffee Break**	
3:30 – 4:15 pm	**Panel Discussion: Future FVS Development**	**Mark Castle, Clara Clark, Nick Crookston, David Diaz, Aaron Weiskittel**
4:15 – 4:30 pm	**Wrap -up**	