



## Collaborative Meeting Agenda

Wednesday, March 10, 2021

1:30-3:00

**Online Meeting Only – No In-Person Options**

Join Zoom Online <a href="https://cbuilding.zoom.us/j/92264932800">https://cbuilding.zoom.us/j/92264932800</a>	Dial Direct +1 669 900 6833 +1 253 215 8782 833 548 0276 US Toll-free
One tap mobile +16699006833,,92264932800#	Meeting ID: 922 6493 2800
Find your local number: <a href="https://cbuilding.zoom.us/u/agZZrJDUr">https://cbuilding.zoom.us/u/agZZrJDUr</a>	

Contact: Scot Rogers, US Forest Service, 530-363-6623 or Facilitator [Gina Bartlett](#) 415-271-0049

The South Fork American River (SOFAR) Cohesive Strategy is an All-Lands Wildland Fire Management Strategy with three goals:

*Resilient Landscapes ♦ Fire Adapted Communities ♦ Safe & Effective Wildfire Response*

1:30	<b>Welcome and Zoom Orientation</b>
1:35	<b>Agenda Review and Working Agreements</b> CBI Facilitator
1:40	<p><b>SOFAR Science Talk: Driving toward Resilience: how Data and Modeling can help us understand current conditions and navigate toward forest resilience</b></p> <p>What if we had a tool at our disposal that could provide a picture of our current forest structure, another of what more fire-resilient forest structure looks like, and the ability to compare how different treatment approaches could reshape forest structure to more desired conditions? Could this help SOFAR achieve our cohesive strategy goals, and what would it take to employ such tools?</p> <p>Forest and fire landscape ecologists at the <a href="#">University of Washington's Forest Resilience Laboratory</a> will describe how they make extensive use of high-fidelity remote sensing data, especially airborne lidar, to enable analyses of current and desired forest structure, ranging in scale from stands to landscapes.</p> <p><b>Speaker Bios</b>  <b>Van R. Kane</b> is a Research Professor at the <a href="#">School of Environmental and Forest Sciences</a> (SEFS) and a member of the <a href="#">Precision Forestry Collaborative</a> (PFC) in the University of Washington's, <a href="#">College of the Environment</a>. He leads the <a href="#">Forest Resilience Lab</a>, to study how local-to-landscape scale ecological processes (especially fire) and management affect patterns of forest structure and habitat using active and remote sensing, especially airborne light detection and ranging (lidar). This work has a strong</p>

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	<p>applied focus, and Dr. Kane and his team work closely with forest managers and policy makers. His current work involves studying forest structure across a range of forest types in Washington, Oregon and California.</p> <p><b>Saba Saberi</b> recently received her M.S. from SEFS, where her research combined field studies of burn severity with satellite indices to better understand relationships between burn severity metrics across the Interior Pacific Northwest. Her research interests include using remote sensing tools and ecological theory to analyze how forests of the western United States are affected by increased disturbances such as fire.</p> <p><b>Jonathan Kane</b> is a full-time research scientist working with PFC labs. He focuses on landscape ecology using remote sensing, particularly lidar. His research includes modeling the effects and correlates of wildfire, and quantifying wildfire habitat using lidar.</p> <p><b>Bryce Bartl-Geller</b> is a graduate from SEFS (BS with a concentration in landscape ecology) where he started working with the lab, now working part-time he is a research analyst for the group. His studies have included tree mortality detection from LIDAR intensity data, remotely sensed measurements of canopy cover, and the impact of fire severity on pattern and structure in post-fire environments.</p>
<b>2:05</b>	<b>Discussion and Questions</b>
<b>2:30</b>	<p><b>SOFAR 2021 Work Plan and Establishing Biomass Work Group</b></p> <p>To carry forward the SOFAR 2021 Work Plan, SOFAR needs a champion and work group to advance toward achieving a biomass facility.</p>
<b>2:55</b>	<b>Meeting Outcomes and Next Steps</b>

### SOFAR Collaborative Calendar

Time: 1:30-3:30 ♦ All Meetings Online ♦ Future: **May 12 ♦ Sept 8 ♦ Oct 13 ♦ Nov 10**