2018 Whitebark Pine Ecosystem Foundation Annual Science and Management Workshop

Central Idaho Whitebark pine: High, Dry and Burned - a focus on forest restoration following wildfires and mountain pine beetle in a changing climate

September 20-22, 2018
Stanley, ID

September 19 – Stanley Community Center (address)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>9:30 am</td>
<td>Whitebark Pine Ecosystem Foundation Board of Directors Meeting</td>
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<tr>
<td>630</td>
<td>Community Program – Whitebark Pine in Peril: Why we Care and What We Can Do</td>
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<tr>
<td>700</td>
<td>Stanley Museum</td>
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<tr>
<td>730</td>
<td>Cyndi Smith, Director, Whitebark Pine Ecosystem Foundation</td>
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<td></td>
<td>Central Idaho Whitebark (Dana Perkins, Retired whitebark pine Ecologist, BLM)</td>
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September 20 – Stanley Community Center (address)

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<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>7:30 am</td>
<td>Registration Opens</td>
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<tr>
<td>8:00 am</td>
<td>Welcome and Workshop Logistics</td>
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<tr>
<td>8:15 am</td>
<td>Cyndi Smith, Director, Whitebark Pine Ecosystem Foundation</td>
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<td></td>
<td>Brian Anderson, Deputy Area Ranger, Sawtooth National Forest and Sawtooth National Recreation Area</td>
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Morning Moderator:

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<th>Time</th>
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<tr>
<td>8:15 am</td>
<td>Keynote: –</td>
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<tr>
<td>8:40 am</td>
<td>Title: Millennial-scale reconstructions of wildfire, vegetation, and erosion in the Payette and Salmon watersheds</td>
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<td>Jen Pierce, Associate Professor, Department of Geosciences, Boise State University</td>
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<tr>
<td>9:00 am</td>
<td>Title: (Geologic and Genetic Implications of Restoring Whitebark Pine Under Climate Change: Suitable Substrate central Idaho, Blister Rust Resistance and Drought Tolerance)</td>
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<td></td>
<td>Mary Frances Mahalovich, Regional Geneticist, USFS Northern, Rocky Mountain, Southwestern, and Intermountain Regions</td>
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<tr>
<td></td>
<td>Co-authors: M.J. Kimsey and D.L. Foushee</td>
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<tr>
<td>9:20 am</td>
<td>Title: Climate change and whitebark pine distribution in the Sierra Nevada</td>
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<td>Shawn McKinney, Ecologist, Rocky Mountain Research Station.</td>
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<td>Coauthors: Peggy Moore, US Geological Survey Ecologist</td>
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<tr>
<td>9:40 am</td>
<td>BREAK</td>
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<tr>
<td>10:00 am</td>
<td>Title: Predicting whitebark pine post-fire mortality</td>
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<td>Sharon Hood, Rocky Mountain Research Station</td>
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<tr>
<td>10:20 am</td>
<td>Title: Managing whitebark pine under climate-altered fire regimes: assessing extirpation risk in the Greater Yellowstone using a demographic projection model</td>
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<td>Elizabeth Pansing, PhD candidate, University of Colorado-Denver</td>
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<td>Co-authors: Diana Tomback, Michael Wunder</td>
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<td>10:40 am</td>
<td>Title: Prescribed burning as a tool for Restoration of whitebark pine, mission upland burn, Flathead NF</td>
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<td>Cara Nelson, Professor, University of Montana</td>
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Poster Session, September 20, 2018 (Community Center beginning 8 am and during Social 5-6:30 pm)

Denyse Dawe, MSc. Candidate, Canadian Partnership for Wildland Fire Science, University of Alberta.
Title: Limber pine regeneration following fire in the Northernmost extent of its range.

Maegen Rochner, M.S. Candidate, Department of Geography, University of Tennessee
Title: Tree-Ring Reconstruction of Late Holocene Wildfire from Remnant Logs in a High-Elevation Whitebark Pine Ecosystem, Beartooth Mountains, Wyoming, U.S.A.

Michael Murray, British Columbia Ministry of Forests
Title: Raising resistance: restoring endangered whitebark pine