

**FMB Members in Attendance:** Aitor Bidaburu (USFA), Chuck Russel (NPS), Meagan Conry (BLM), Sarah Fisher (USFS), Brad Koeckeritz (OAS), Aaron Baldwin (BIA), Stephen Nelson (USFS), Julian Affuso (USFS), Erin Horsburgh (OWF), Chris Wilcox- Chair (FWS)

**Staff:** Tim Blake (FMB Facilitator), Darci Drinkwater (Executive Secretary)

**Guests:** Shannon Tippet, Katherine Spomer, Kristy Swartz, and Paul Petersen

Topic & Notes	Decision
<p><b>Chair Rotation:</b></p> <ul style="list-style-type: none"> <li>FWS chair 2023 and 2024.</li> <li>USFS chair 2025 and 2026.</li> </ul>	<p>APPROVAL of FMB chair rotation.</p>
<p><b>Bipartisan Infrastructure Law (BIL) Wildfire Detection and Monitoring:</b></p> <ul style="list-style-type: none"> <li>BIL provides funding and authorizes DOI and USDA Forest Service (FS) to procure and place real-time wildfire detection and monitoring equipment such as sensors, cameras, and other equipment in areas at risk of wildfire or in areas undergoing post-fire rehabilitation.               <ul style="list-style-type: none"> <li>The Office of Wildland Fire IT (WFIT) and bureau point of contacts will develop implementation recommendations for consideration by Fire Executive Council (FEC).</li> </ul> </li> <li>Implementation Priorities:               <ul style="list-style-type: none"> <li>Artificial Intelligence Solutions</li> <li>RAWS sensors and cameras-get info from DTS.</li> <li>Expand system capabilities in Nevada, Idaho and Oregon.</li> <li>Work with Interagency partners to evaluate what technologies are already being used and where.</li> <li>A Request for Information (RFI) was posted by FS and there are 21 proposals that will be evaluated by an interagency team.</li> </ul> </li> <li>Decision 1:               <ul style="list-style-type: none"> <li>Cameras for use in fire detection and monitoring.</li> <li>Recommendation:                   <ul style="list-style-type: none"> <li>Expand capacity for coverage in Idaho, Nevada, and Oregon.</li> <li>Build out camera network in one district or forest to do a comprehensive coverage study in that area.</li> <li>\$500k to put 6 cameras on 6 sites.</li> <li>\$1m to work with universities with assistance agreements to expand networks.</li> <li>Funding would be given to the FS and assistance agreements in FY24.</li> </ul> </li> <li>Rationale:</li> </ul> </li> </ul>	<p>Decision #1 APPROVAL to expand camera networks in Nevada, Idaho, Oregon.</p> <p>Decision #2 APPROVAL to put cameras and sensors on permanent RAWS with study prior to placement to ensure relevant view scopes.</p> <p>Decision #3 Defer until able to review recommendations from the RFI.</p>

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<ul style="list-style-type: none"> <li>▪ Fire managers can utilize the cameras not only for current the current fire situation but also for drought and wildlife monitoring.</li> <li>▪ Agreement is complete with USFS Humboldt Toiyabe for 6 cameras. (Data owned by government.)</li> <li>▪ Need to outline sustainable cost and plans.</li> <li>• Decision 2:               <ul style="list-style-type: none"> <li>○ Remote Automated Weather Systems (RAWS) capacity and expansion.</li> <li>○ Recommendation:                   <ul style="list-style-type: none"> <li>▪ Funding would go to the BLM Fire and Aviation program in FY24.</li> <li>▪ Expand the use of RAWS units with the possibility of satellite cameras and sensors for wildfire detection and monitoring.</li> <li>▪ \$500k to do a proof of concept to see what type of cameras and sensors are needed to expand the current capabilities for detecting wildfires.</li> </ul> </li> <li>○ Rationale:                   <ul style="list-style-type: none"> <li>▪ By expanding the RAWS units the deployed with in the states, it gives a wider coverage area and there may be the possibility of utilizing cameras where the current RAWS stations are located.</li> </ul> </li> </ul> </li> <li>• Decision 3:               <ul style="list-style-type: none"> <li>○ Artificial Intelligence (AI) for use in monitoring wildfires.</li> <li>○ Recommendation:                   <ul style="list-style-type: none"> <li>▪ Research off the shelf software and devices for wildfire detection, monitoring, and rehab.</li> <li>▪ FY24 funding would go to the FS and would be used to continue ongoing efforts.</li> <li>▪ \$3m for technologies that can be used to aid in the Wildfire Detection and working with our partners at the FS.</li> </ul> </li> <li>○ Rationale:                   <ul style="list-style-type: none"> <li>▪ These devices could be used during fire operations to size up the current situation and post incident to help with rehab.</li> <li>▪ An RFI has been issued by the FS for cameras and sensors for detection. An interagency team will be looking at the RFI and make recommendations.</li> </ul> </li> </ul> </li> </ul>	
<p><b>NASA Initiatives Regarding Wildfire:</b></p> <ul style="list-style-type: none"> <li>• NASA has BIL funding for wildfire detection.               <ul style="list-style-type: none"> <li>○ Has expressed interest in joining NWCG.</li> </ul> </li> <li>• Lots of efforts going on in this arena.</li> </ul>	<p>Topic added to March agenda.</p>

*Additional information beyond these meeting notes (i.e., handouts, presentations, maps, etc.) will require a FOIA request to ensure proper privacy regulations are followed. Please request via FOIA Online website at <https://www.doi.gov/foia/make-a-request>*



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<ul style="list-style-type: none"><li>• Need to set priorities and ensure that tools are development to work within our systems.</li><li>• Potential discussion regarding a technology committee.</li><li>• Joint Fire Science connects fire management to the research community.</li><li>• WFIT is working to refresh the strategic plan.</li></ul>	
<p><b>Prescribed Fire Training Center Expansion:</b></p> <ul style="list-style-type: none"><li>• Looking at expanding Prescribed Fire Training Center (PTFC) in the West.<ul style="list-style-type: none"><li>○ Invest in position and funding.</li><li>○ Develop people to manage prescribed fire programs.</li><li>○ Develop a roving academy.</li><li>○ Meeting in Boise next week.</li></ul></li></ul>	Topic added to March agenda with Tammi and Robert presenting.
<p><b>Complex Incident Management (CIM):</b></p> <ul style="list-style-type: none"><li>• NMAC 2023 Rotation memorandum should be issued next week.</li><li>• Standing up the IWDG Agency Administrators (AA) group has been helpful to engage with CIM.</li><li>• Feedback from S-520, Advanced Incident Management.<ul style="list-style-type: none"><li>○ Several attendees passed the CIM Field Evaluation but did not pass S-520.</li><li>○ Are we setting responders up for success?</li><li>○ Reaching too far to fill seats?</li><li>○ Lessons taught at S-520 should be taught earlier such as at the Type 3 level.</li><li>○ Need to communicate with geographic areas to ensure that the responders they are sending to S-520 are ready.</li><li>○ Is S-520 the right evaluation?</li><li>○ Discuss S-520 with FMB and Steering committee.</li></ul></li></ul>	Topic added as a standing agenda item.