

### **Join us for our AEOIP 2023-2024 Webinar Series.**

We welcome Chelsea Merriman, Wildlife Biologist and Director of Data, Analytics, and Remote Sensing at Owyhee Air Research to our next seminar on Tuesday, February 6, 2024 from 4:00pm to 5:00 pm US Eastern. See below for more details! The AEOIP seeks to foster interagency partnerships to advance Earth Observation-based land management. Our webinar series aims to highlight available Earth Observation missions and data, demonstrate the utility of Earth Observation data to address land management needs, as well as foster and share successful applications of Earth observations into operational land management decision-making. Learn more about us by visiting our website at: <https://www.aeoip.com/>.

### **Airborne Remote Sensing for Wildlife and other Natural Resources Management**

In this webinar, the team from Owyhee Air Research in Nampa, Idaho, will explore the efficacy, applications, and future prospects of using fixed-wing aircraft and newly commercialized videography and photogrammetry technologies to conduct natural resources surveys across the continent. From mapping wildfires and floods, counting horses and sage-grouse, monitoring restoration and reforestation, and conducting mixed-mission 'bio-blitzes,' airborne remote sensing is safer, more efficient, more effective, and more easily accessible than many realize.

*Speaker: Chelsea Merriman*

Wildlife Biologist, Director of Data, Analytics, and Remote Sensing  
Owyhee Air Research  
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As director of research and development for new projects as well as a wildlife biologist at Owyhee Air Research (OAR), Chelsea has helped establish many air-to-ground protocols used for remote sensing of wildlife, wildfires, and wildlands. Chelsea has more than 15 years of experience in wildlife biology and research that spans a wide range of topics, including wildlife biology, sagebrush phytochemistry, behavioral ecology, wildlife/human interactions, and remote sensing using hyperspectral imaging, radiometry, LiDAR, and photogrammetry. She enjoys finding novel solutions to natural resources research.