### Oregon Lakes Association Fall 2020 Conference Series

**Online virtual meeting agenda**

#### Wednesday, October 28, 3:00 - 4:30 pm

**CyanoHABs: remote sensing and prediction: Introduction, Dan Sobota**

3:05 *Brian Fulfrost* and Dan Sobota, Oregon DEQ, Monitoring and early detection of harmful algal blooms (HABs) in Oregon from space: a case study of successes, challenges and opportunities

3:25 *James Watson* and Mat Titus, The Prediction Lab, College of Earth, Ocean and Atmospheric Sciences, Oregon State University, Operational water quality forecasts using lots of small data and machine learning

3:45 *Nick Tufillaro*, College of Earth, Ocean and Atmospheric Sciences, Oregon State University, Looking at Oregon Lakes from Sentinel-2


#### Wednesday, November 4, 3:00 - 4:30 pm

**Conservation of Oregon lakes: Introduction, Theo Dreher**

3:05 *Andy Kerr*, The Larch Company: Challenges and opportunities for conserving and protecting Oregon’s lakes

3:30 *Lisa Brown*, Staff Attorney, WaterWatch of Oregon: Oregon water law and lakes: potential tools for maintaining and restoring lakes

3:55 *Marcelle Shoop*, Director, Saline Lakes Program, National Audubon Society, Salt Lake City: Sustaining Great Basin saline lake ecosystems

#### Tuesday, November 10, 3:00 - 4:30 pm

**CyanoHABs, genetics and physiology: Introduction, Theo Dreher**

3:05 *Tim Otten*, Bend Genetics, 20 min, Public health monitoring of cyanobacteria: cost savings via Q-PCR and a tiered testing strategy.

3:30 *Lara Jansen*, Portland State University, Ph.D. student and 2019 OLA Scholarship recipient. The potential roles of regional, catchment, and local scale factors on phytoplankton communities in montane lakes.

3:50 *Kevin Bladon*, Associate Professor, Department of Forest Engineering, Resources, and Management, Oregon State University, Wildfire effects on water quantity, water quality, and aquatic ecology from forested headwaters to downstream reservoirs

4:15 *Lindsay Collart*, Department of Microbiology, Oregon State University, Ph.D. student and 2020 OLA Scholarship recipient. Proof of concept: Use of volatile organic compounds to predict toxic HAB trajectories at Upper Klamath Lake, OR.
## Zoom meeting information (opens 10 minutes before the listed meeting time)

**Topic:** Oregon Lakes Association conference session 1: Cyano HABs  
**Time:** Oct 28, 2020 03:00 PM Pacific Time (US and Canada)

Join Zoom Meeting  
https://oregonstate.zoom.us/j/92360331654?pwd=ZUtksKzYyY1dxVTFkc3dqTFAxbTNoZz09

**Password:** 823804

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+1 971 247 1195 US (Portland) +1 253 215 8782 US (Tacoma) +1 301 715 8592 US (Germantown)

**Meeting ID:** 923 6033 1654

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**Topic:** Oregon Lakes Association conference session 2: Lake conservation  
**Time:** Nov 4, 2020 03:00 PM Pacific Time (US and Canada)

Join Zoom Meeting  
https://oregonstate.zoom.us/j/92999362433?pwd=TGtHYmhLazdXWG02MC8vNldaeGVyUT09

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**Meeting ID:** 929 9936 2433

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**Topic:** Oregon Lakes Association conference session 3: Cyano HABs  
**Time:** Nov 10, 2020 03:00 PM Pacific Time (US and Canada)

Join Zoom Meeting  
https://oregonstate.zoom.us/j/98236204228?pwd=YzdmSzZpNGdRSVMvSkpzN0dPZGJWZz09

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