



Harmful Algae Bloom Technical Workshop Wednesday March 25, 2015



Location: Oregon State University, Corvallis
Ag & Life Sciences (ALS) Building, Room 4001 (morning)
Nash Hall, Room 304 (afternoon)

Program

- 9:30 – 9:35 **Introduction:** Theo Dreher, Dept of Microbiology, OSU
- 9:35 – 9:50 **Background information on cyanobacteria and factors favoring bloom formation:** Al Johnson, Hydrologist, U.S. Forest Service
- 9:50 -10:05 **Learning about blooms with intensive and new monitoring techniques:** Theo Dreher, Dept of Microbiology, OSU
- 10:10 – 10:35 **Effects of cyanobacterial toxins and routes of exposure:** Tim Otten, Department of Microbiology, OSU
- 10:35 – 10:50 Break
- 10:50 – 11:20 **Oregon Health Authority Guidance for Recreational Waters; protocols for sampling, laboratory analysis, and health advisories:** Rebecca Hillwig, Program Coordinator, Beach & Harmful Algal Blooms, Center for Health Protection, Oregon Health Authority
- 11:20 – 11:40 **U.S. Forest Service protocol for cyanobacteria bloom monitoring and public health advisories:** Al Johnson, USFS
- 11:40 – 12:00 **Field and satellite monitoring on U.S. Army Corps of Engineers reservoirs in 2014: methodology and results.** Dan Turner, U.S. Army Corps of Engineers - Portland District
- 12:00 – 1:00 Lunch
- *** Nash Hall Room 304 ***
- 1:00 – 2:00 **Laboratory session: Principals and practice of field test-strip assay for microcystins:** Theo Dreher, Dept. of Microbiology, OSU
- 2:00 – 3:00 **Laboratory session:** Microscope identification of common potentially toxic cyanobacteria