

Harmful Algae Bloom Technical Workshop

April 15, 2013

Location: Oregon State University, Corvallis
Linus Pauling Science Center, Room 402 (morning)
Nash Hall, Room 304 (afternoon)

Program

- 9:30 – 9:35 **Introduction:** Theo Dreher, Dept of Microbiology, OSU
- 9:35 – 10:05 **Background information on cyanobacteria and factors favoring bloom formation:** Al Johnson, Hydrologist, U.S. Forest Service
- 10:05 – 10:35 **Effects of cyanobacterial toxins and routes of exposure:** David Farrer, Ph.D., Toxicologist, Office of Environmental Public Health, Oregon Health Authority
- 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 **U.S. Army Corps of Engineers protocol for cyanobacteria bloom monitoring and public health advisories:** Tina Lundell and Shelly Hanson, U.S. Army Corps of Engineers - Portland District
- 12:00 – 1:00 Lunch
- 1:00 – 1:30 **Evolving ways of monitoring cyanobacterial blooms through increased accessibility of genetics and toxin analyses:** Theo Dreher, Dept. of Microbiology, OSU
- 1:30 – 3:00 **Laboratory session:** Identification of common potentially toxic cyanobacteria