



Harmful Algae Bloom Technical Workshop Wednesday March 22, 2017



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 – 10:00 **Background information on cyanobacteria and factors favoring bloom formation:** Al Johnson, Hydrologist, U.S. Forest Service
- 10:00 -10:30 **Cyanobacterial toxins: health effects and routes of exposure:** Allen Milligan, Department of Botany and Plant Pathology, OSU
- 10:30 – 10:45 Break
- 10:45 – 11:15 **Oregon Health Authority Guidance for Recreational Waters; protocols for sampling, laboratory analysis, and health advisories:** Rebecca Hillwig, Oregon Health Authority
- 11:15 – 11:45 **Learning about blooms with intensive and new monitoring techniques:** Theo Dreher, Dept of Microbiology, OSU
- 12:00 – 1:00 Lunch
- *** Nash Hall Room 304 *****
- 1:00 – 1:45 **Laboratory session:** Theo Dreher, Dept. of Microbiology, OSU
- Principles and practice of field sampling for monitoring and research**
Principles of field test-strip assay for microcystins
- 2:00 – 3:00 **Laboratory session:**
Microscope identification of common potentially toxic cyanobacteria
Field test-strip microcystin assay