

# Protecting Drinking Water Sources from Cyano-HAB Impacts in the Willamette Basin Workshop

*Resources Document*

*Last Updated 4/28 at 4 PM PST*

Background HABs Resources:

Oregon DEQ HABs Site: <https://www.oregon.gov/deq/wq/Pages/Harmful-Algal-Blooms.aspx>

U.S. EPA's HABs Site: <https://www.epa.gov/cyanohabs>

Technology and Research Updates Resources:

- ITRC HABs: <https://hcb-1.itrcweb.org/>
- EPA's CyAN: <https://www.epa.gov/water-research/cyanobacteria-assessment-network-cyan>
- AFA Toxin Review: <https://www.mdpi.com/2072-6651/10/7/254>
- [Drinking Water Health Advisories](#) - June 2015
- [Recommended Human Health Recreational Ambient Water Quality Criteria/Swimming Advisories](#) – May 2019
- [Analytical methods development](#) (2015/2016)
  - [Recommendations for Public Water Systems to Manage Cyanotoxins in Drinking Water](#) (2015)
  - [Cyanotoxin Management Plan Template and Example Plans](#) (2016)
  - [Water Treatment Optimization for Cyanotoxins Document](#) (2016)
  - [Drinking Water Cyanotoxin Risk Communication Toolbox](#) (2016)
  - [EPA Cyanotoxins Drinking Water Webpage](#)
  - [Recreational Water Communication Toolbox for Cyanobacterial Blooms](#) (2017)
  - [Recommendations for Cyanobacteria and Cyanotoxin Monitoring in Recreational Waters](#) (2019)
  - [EPA Cyanobacteria and Cyanotoxins in Recreational Waters Webpage](#)
  - NARS Probabilistic studies and data: [National Aquatic Resource Surveys \(NARS\)](#)
  - Research related to HABs: <https://www.epa.gov/water-research/harmful-algal-blooms-and-cyanobacteria-research>
  - Other/collaborative efforts:
    - EPA-USGS-NOAA NASA - CyAN Satellite project: [Cyanobacteria Assessment Network \(CyAN\) Project](#)
    - New England's citizen science program (collaborative with EPA Region 1) with many tools and resources: <https://cyanos.org/>
- NOAA's Phytoplankton Monitoring network - citizen science program for fresh and marine waters: <https://coastalscience.noaa.gov/research/stressor-impacts-mitigation/pmnl/>
- Enhanced Water Quality Monitoring with Continuous Lake Profilers:

- Real time data available at <https://waterdata.usgs.gov/nwis/>
  - Profile Analysis Tool:  
[https://or.water.usgs.gov/projs\\_dir/habs/lakeprofiler.html?site=444306122144600](https://or.water.usgs.gov/projs_dir/habs/lakeprofiler.html?site=444306122144600)
  - Data Grapher: <https://or.water.usgs.gov/grapher/>
  - Contact Kurt Carpenter ([kdcar@usgs.gov](mailto:kdcar@usgs.gov))
- Willamette Interactive Map: [http://hydro-prod.library.oregonstate.edu/figures/ww2100\\_map/](http://hydro-prod.library.oregonstate.edu/figures/ww2100_map/)
- OHA Private Drinking Water Intakes and In-Home Treatments:  
<https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/RECREATION/HARMFULALGAEBLOOMS/Pages/Private-Drinking-Water-Intakes-and-In-Home-Treatment-Systems.aspx>