

The Prediction Lab Update with James Watson

End of season report

The harmful algal bloom season for 2019 is now over. The winter weather means that it is too cold and there is too little sunlight for harmful algae to bloom. Here's a lookback at the 2019 HAB season:



- Harmful Algal Bloom Prediction System for Detroit Lake with the City of Salem
- Uses novel machine learning methods
- Provide estimates of concentration of specific algal species and toxin levels
- Provides actionable information for improved decision making and informed risk management

detroitlake.thepredictionlab.com

Future Plans

- New predication system operational 2020 HAB season
- Plan to develop:
 - Seasonal /6-month forecasts for long-term planning
 - Regional prediction product for numerous Willamette Valley waterbodies
 - Will include estimates of algal and toxin concentrations and other water quality dimensions

