



# Coastal Observing in Your Community

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## Recording Water Levels Through Citizen Science Reporting

National Oceanic and Atmospheric Administration (NOAA) in partnership with the University of North Carolina, Institute of Marine Sciences, has developed a water level reporting application. The application collects and aggregates reports of observed water levels submitted through citizen scientists. These contributions are photographs with locations and a few simple details that will help weather predictors, scientists, and the public to better visualize and understand changing water levels. This application can be used globally to document high water levels at the coast, such as king tide events, but also far inland, such as snow melt or heavy rainfall events.

Various state and federal partners are currently using water level reports and photographs as communication and model validation tools.

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**Webinar**

**Tuesday**  
**Dec. 19, 2017**

**12 - 1 PM ET**

**Speaker**

**Christine Buckel,**  
**NOAA's National**  
**Centers for Coastal**  
**Ocean Science**

## About the Presenter



Christine Buckel has been a member of the National Oceanic and Atmospheric Administration's National Centers for Coastal Ocean Science since 2001. She is an ecologist and examines geospatial relationships of species and habitats in the marine environment. Most recently she has been examining these relationships and human interactions under future conditions with sea level rise. She has degrees from University of Nebraska (BS) and the University of California, Santa Barbara (MS).