

# Water Levels in the Southeast Workshop: Understanding Sensors, Tools, Products, and Gaps

June 13-15, 2023 at Aloft Jacksonville Tapestry Park  
4812 Deer Lake Drive West, Jacksonville, FL 32246

## About

This in-person workshop will take place June 13-15, 2023, in Jacksonville, FL.

The goals of the workshop are to:

- Understand the variety of water level applications, locations, technologies, and the programs that operate them;
- learn about water level data and tools found online; and
- document priority locations for additional sensors.

Workshop hosted by SECOORA and NOAA Center for Operational Oceanographic Products and Services (CO-OPS). The meeting and hotel space are in Jacksonville, Florida and details are included in the registration. Please email Abbey Wakely, [abbey@secoora.org](mailto:abbey@secoora.org), for details or questions.

AGENDA	
Tuesday, June 13: 1:00pm-4:30pm	
Time	Activity
1:00-1:30pm	<b>Opening Remarks and Introductions</b>
1:30-2:30pm	<b>High Level Water Level Program Overviews</b> <ul style="list-style-type: none"><li>• FL Department of Environmental Protection (FL DEP)</li><li>• NC Department of Public Safety</li><li>• Southeast Coastal Ocean Observing Regional Association (SECOORA)</li><li>• U.S. Geological Survey (USGS)</li><li>• NOAA Center for Operational Oceanographic Products and Services (CO-OPS)</li></ul>
2:30-2:45pm	<b>BREAK</b>
2:45-3:15pm	<b>Demos of equipment and technical procedures</b> <ul style="list-style-type: none"><li>• FL DEP</li><li>• NC Department of Public Safety</li><li>• SECOORA</li><li>• USGS</li><li>• NOAA CO-OPS</li></ul>
3:15-3:25pm	<b>BREAK</b>

3:25-4:25pm	<b>Breakout: Equipment Showcase</b> <ul style="list-style-type: none"> <li>• Sensor demonstrations at locations around the meeting space</li> </ul>
4:35pm	<b>Reflections on Day 1</b>

Wednesday, June 14: 8:30am-4:30pm	
Time	Activity
8:30-8:45am	<b>Recap of reflections from the previous day</b>
8:45-10:30am	<b>The Nitty Gritty on Water Level Stations</b> Panel Discussion: <ul style="list-style-type: none"> <li>• Requirements for the water level sensor (establishing need to determine the best type of installation)</li> <li>• Site reconnaissance</li> <li>• Installation standards</li> <li>• Survey requirements and accuracy</li> <li>• Metadata</li> <li>• Data access/display</li> </ul>
10:30-10:45am	<b>BREAK</b>
10:45-12:15pm	<b>On-line Tools and Products I</b> <ul style="list-style-type: none"> <li>• NOAA Resources</li> </ul>
12:15-1:15pm	<b>LUNCH (provided)</b>
1:15-2:45pm	<b>Tools &amp; Products II</b> <ul style="list-style-type: none"> <li>• USGS</li> <li>• NC Flood Inundation Mapping Network - flooding/storm surge</li> <li>• FL DEP - marine boundary tools</li> </ul>
2:45-3:00pm	<b>BREAK</b>
3:00-3:30pm	<b>Reflections on Day 2</b>
5:30-7:30pm	<b>Social / Networking (appetizers provided)</b>

Thursday, June 15: 8:30am-12:00pm	
Time	Activity
8:30-9:00am	<b>Agenda review - recap of Day 2</b>

9:00-10:30am	<b>Gaps, Priorities, and Struggles</b> Breakouts by state (NC, SC, GA, FL) <ul style="list-style-type: none"><li>• Discuss gaps in water level station data and priority locations to fill gaps</li><li>• Identify other areas of need (e.g., training, surveys, data management)</li><li>• Partnering options</li></ul>
10:30-10:45am	<b>BREAK</b>
10:45-11:15am	<b>Report outs and Identifying Partnerships</b> <ul style="list-style-type: none"><li>• Report outs by state</li><li>• Group discussion</li></ul>
11:15-12:00pm	<b>Next Steps/Actions</b> Participants will review a list of priorities, needs, and actions captured throughout the meeting and develop a path forward for each with points of contact identified.

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