



**Cambria Hotel Charleston Riverview**  
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**SECOORA Contacts**

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Wednesday, October 9: 2:00 PM - 5:00 PM	
Time / Lead	Activity
2:00 - 5:00 PM	<b>FIELD TRIP (optional): Meet in front of hotel (portico)</b> Outcome: Visit local camera sites, learn about context & differences in sites. <ul style="list-style-type: none"> <li>• <a href="#">Folly Beach 6th Ave</a></li> <li>• <a href="#">Harbor Pilots</a> (view from floating dock nearby)</li> <li>• <a href="#">Rosemont Peace St #1</a></li> </ul>
Evening	<b>Dinner (on your own)</b>

Thursday, October 10: 8:15 AM - 4:45 PM + Social 5:30 - 7:30 PM	
Time / Lead	Activity
8:15 - 8:45 AM	<b>Registration and Welcome Coffee</b> <ul style="list-style-type: none"> <li>• Breakfast provided via voucher at hotel check-in</li> </ul>
8:45 - 9:15 AM	<b>Opening Remarks and Introductions</b> Speakers: Debra Hernandez, Theo Jass <ul style="list-style-type: none"> <li>• Welcome</li> <li>• Overview of Agenda, Introductions and Logistics</li> <li>• Introductions</li> </ul>
9:15 - 9:45 AM	<b>WebCOOS Overview</b> Outcome: Participants will understand & review the WebCOOS program.

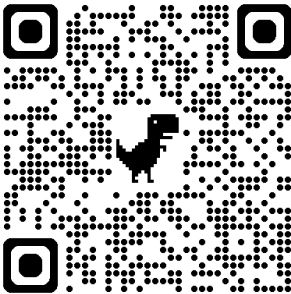
	<p>Speakers:</p> <ul style="list-style-type: none"> <li>• Theo Jass, SECOORA: Overview</li> <li>• Joe Long, UNCW: Shoreline change</li> <li>• Alex Pang, UCSC: Rip currents</li> <li>• Greg Dusek, NOAA CO-OPS: NOAA CO-OPS flooding</li> <li>• Dwayne Porter, UofSC: Community engagement &amp; Flooding</li> <li>• Jeremy Cothran, UofSC: Situational awareness &amp; Object detection</li> <li>• Josh Rhoades, Axiom Data Science: Data management</li> <li>• Paul Ganev &amp; Dennis Murphy, Surfline\Wavetrak, Inc.: Surfline installations</li> </ul>
9:45 - 10:45 AM	<p><b>Federal Partners</b></p> <p>Outcome: Participants will learn about federal partner programs that are using cameras and camera data: hardware, use cases, and connections to WebCOOS.</p> <p>Presenters:</p> <ul style="list-style-type: none"> <li>• Greg Dusek, NOAA CO-OPS</li> <li>• Bob Heitsenrether, NOAA CO-OPS</li> <li>• Tanner Jernigan, USACE ERDC</li> <li>• Meg Palmsten, USGS (<i>virtual</i>)</li> </ul>
10:45 - 11:00 AM	<p><b>Coffee Break</b></p>
11:00 AM - 12:15 PM	<p><b>Community User Panel</b></p> <p>Outcome: Local community partners &amp; end users will talk about their use of imagery data.</p> <p>Moderator: Dwayne Porter</p> <p>Panelists:</p> <ul style="list-style-type: none"> <li>• Herbert Maybank, Rosemont Community &amp; Charleston Community Research to Action Board (CCRAB)</li> <li>• Jonathan Lamb, NOAA National Weather Service</li> <li>• Najeema Washington, CCRAB</li> <li>• Nicole Elko, American Shore and Beach Preservation Association &amp; Elko Coastal Consulting</li> <li>• Shawn Smetana, Charleston County</li> <li>• Skip Mikell, CCRAB</li> </ul>
12:15 - 1:15 PM	<p><b>Lunch</b></p>
1:15 - 2:00 PM	<p><b>Product Discussion</b></p> <p>Outcome: Discuss status &amp; limitations of WebCOOS products.</p> <p>Speakers:</p> <ul style="list-style-type: none"> <li>• Joe Long, UNCW: Shoreline change</li> <li>• Alex Pang, UCSC: Rip currents</li> <li>• Greg Dusek, NOAA CO-OPS: Flooding &amp; Rip currents</li> <li>• Dwayne Porter, UofSC: Community engagement &amp; Flooding</li> <li>• Jeremy Cothran, UofSC: Situational awareness &amp; Object detection</li> <li>• Josh Rhoades, Axiom Data Science: Code integration</li> </ul>

2:00 - 3:15 PM	<p><b>Breakout: Science Showcase</b></p> <p>Outcome: Participants will rotate around tables to talk to the WebCOOS science team about specific applications &amp; requirements for different science applications.</p> <p>Moderator: Theo Jass, SECOORA</p> <p>Format: Participants will break into 4 groups via colors on name tags, then rotate to each table.</p> <p>Speakers:</p> <ul style="list-style-type: none"> <li>● Table 1: Joe Long, UNCW- Shoreline change</li> <li>● Table 2: Alex Pang, UCSC, &amp; Greg Dusek, NOAA CO-OPS- Rip currents</li> <li>● Table 3: Dwayne Porter, UofSC &amp; Bob Heitsenrether, NOAA- Flooding</li> <li>● Table 4: Jeremy Cothran, UofSC- Situational awareness &amp; Object detection</li> </ul>
3:15 - 3:30 PM	<b>Coffee Break with snacks</b>
3:30 - 4:30 PM	<p><b>Technical &amp; Programmatic Introduction</b></p> <p>Summary of installations &amp; camera needs for a site.</p> <ul style="list-style-type: none"> <li>● Outcome: Participants will start to understand technical considerations of camera installations.</li> <li>● Speakers: Paul Ganev &amp; Dennis Murphy, Surfline\Wavetrak, Inc.</li> </ul> <p>Programmatic considerations</p> <ul style="list-style-type: none"> <li>● Outcome: Introduce WebCOOS decision tree and discuss how to decide to manage access to WebCOOS infrastructure.</li> <li>● Leaders: Debra Hernandez, SECOORA, and Greg Dusek, NOAA CO-OPS</li> </ul>
4:30 - 4:45 PM 15 minutes	<p><b>Reflections and Adjourn</b></p> <p>Outcome: Participants will highlight something new they learned today and anything they would like to discuss on Day 3.</p> <ul style="list-style-type: none"> <li>● Mentimeter participation link: <a href="https://www.menti.com/alh7szkkmten">https://www.menti.com/alh7szkkmten</a> Code = 6617 2974</li> </ul>
5:30 - 7:30 PM	<p><b>Social</b></p> <ul style="list-style-type: none"> <li>● Presenting sponsor: Jacob Soter, SwimSmart Technology LLC</li> </ul>

Friday, October 11: 8:30 AM - 12:00 PM	
Time / Lead	Activity
8:15 - 8:30 AM	<p><b>Registration and Coffee</b></p> <ul style="list-style-type: none"> <li>● Breakfast provided via voucher at hotel check-in</li> </ul>
8:30 - 9:00 AM	<p><b>Agenda Review - Recap of the day before</b></p> <p>Speakers: Debra Hernandez &amp; Theo Jass</p>

9:00 - 9:40 AM	<p><b>Technical Session 1: Hardware</b></p> <p>Outcome: Participants will learn specific technical aspects of setting up cameras.</p> <ul style="list-style-type: none"> <li>• Moderator: Debra Hernandez, SECOORA</li> <li>• Leaders: Theo Jass, SECOORA; Jeremy Cothran, UofSC; Paul Ganev &amp; Dennis Murphy, Surfline</li> </ul>
9:40 - 10:20 AM	<p><b>Technical Session 2: Data</b></p> <p>Outcome: Participants will learn specific technical aspects of data management for web cameras.</p> <ul style="list-style-type: none"> <li>• Moderator: Debra Hernandez, SECOORA</li> <li>• Speaker: Josh Rhoades, Axiom Data Science</li> </ul>
10:20 - 10:35 AM	<b>Coffee Break</b>
10:35 - 11:15 AM	<p><b>Technical Session 3: Demo</b></p> <p>Outcome: Participants will look at and work with cameras.</p> <p>Leaders:</p> <ul style="list-style-type: none"> <li>• Paul Ganev &amp; Dennis Murphy, Surfline</li> <li>• Jeremy Cothran, University of South Carolina</li> </ul>
11:15 - 11:45 AM	<p><b>Decision Tree Revisit</b></p> <p>Outcome: Revisit decision tree after gaining more understanding of technical considerations.</p> <p>Leaders:</p> <ul style="list-style-type: none"> <li>• Debra Hernandez, SECOORA</li> <li>• Greg Dusek, NOAA CO-OPS</li> </ul>
11:45 - Noon	<b>Closing &amp; Next Steps</b>

To learn more about our speakers, follow [this link](#) or scan this QR code:



Thank you to our workshop sponsor:

