Nueces Bay Circulation Monitoring

Dr. Lindsay P. Scheef
Dr. Edward J. Buskey
Nueces Bay Circulation Monitoring

Goals

• Gather 1 year of circulation data in upper Nueces Bay using tilt current meters (TCMs)
• Create visualizations and summaries of the data and compose a final project report
# Nueces Bay Circulation Monitoring

## Timeline

<table>
<thead>
<tr>
<th>Period</th>
<th>Tasks</th>
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<tbody>
<tr>
<td>2016 Mar–Aug</td>
<td>✓ Project start&lt;br&gt;✓ Scout potential monitoring station locations&lt;br&gt;✓ Purchase necessary number of tilt meters</td>
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<tr>
<td>2016 Aug–Oct</td>
<td>✓ Begin continuous monitoring of currents</td>
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<td>2016 Oct–2017 Nov</td>
<td>✓ Maintain current meter array and data collection</td>
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<td>2017 Nov–2018 Aug</td>
<td>• Prepare final report&lt;br&gt;• Present results to NEAC&lt;br&gt;• Submit final report and visualization products&lt;br&gt;• Submit monitoring data and metadata</td>
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Nueces Bay Circulation Monitoring

Tilt Meters

10 cm-long x 6 (4 deployed)

25 cm-long x 7 (4 deployed)

50 cm-long (2 deployed)
## Nueces Bay Circulation Monitoring

### Sample Schedule

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<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
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<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
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**Deployments:**
- Past/present
- Planned
- Potential