

<b>Name</b>	Ocean Acidification and Impacts on Living Marine Resources within the Rose Atoll, Marianas Trench and Pacific Remote Island Areas National Marine Monuments
<b>Capability Area: Variability/Changes</b>	<ul style="list-style-type: none"> <li>- Understanding Climate Variability and Change</li> <li>- Research/Development</li> </ul>
<b>ECV</b>	<ul style="list-style-type: none"> <li>- Sub-surface (e.g., temp, salinity, nutrients, carbon, phytoplankton)</li> </ul>
<b>Timeframe</b>	<ul style="list-style-type: none"> <li>- Intra-annual to Decadal</li> </ul>
<b>Capability Area: Impacts/Adaptations</b>	<ul style="list-style-type: none"> <li>- Understanding Climate Impacts and Informing Adaptation</li> <li>- Climate Impacts</li> <li>- Research/Development</li> </ul>
<b>Sectors</b>	<ul style="list-style-type: none"> <li>- Agriculture and Fisheries</li> <li>- Ecosystems</li> </ul>
<b>Status</b>	<ul style="list-style-type: none"> <li>- Completed</li> </ul>
<b>Focus Area</b>	<ul style="list-style-type: none"> <li>- Marine and Terrestrial Ecosystems</li> </ul>
<b>Regions</b>	<ul style="list-style-type: none"> <li>- Central North Pacific</li> <li>- Pacific Remote Islands</li> <li>- Western North Pacific</li> <li>- CNMI</li> <li>- South Pacific</li> <li>- American Samoa</li> </ul>
<b>Description</b>	This is a NOAA Hollings scholar project hosted by the NMFS Pacific Island Fisheries Science Center in the June-July 2011 time frame. It is basically an undergraduate project on ocean acidification and impacts on living marine resources within the Rose Atoll, Marianas Trench and the Pacific Remote Island Areas National Marine Monuments. Impacts include: environmental degradation; change in species dynamics; effects of environmental degradation and changes in species dynamics; and effects on humans.
<b>Objectives/Outcomes</b>	Poster
<b>Lead Agencies</b>	NOAA/NMFS/Pacific Island Fisheries Science Center
<b>Contacts</b>	Eric Breuer, <a href="mailto:eric.breuer@noaa.gov">eric.breuer@noaa.gov</a>
<b>Partnering Agencies</b>	FWS
<b>Required Resources</b>	NOAA Hollings scholar project sponsored by NOAA/OESD.

Projected Timelines	June-July 2011
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