



Piko Assessments Sat Feb 16 17:34:41 HST 2019

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| Name | Integrating Detailed Assessments of Climate Threats on Pacific Coral Reefs and Responses of Traditional Hawaiian Communities in to Management Planning |
| Lead Agencies | CRIOBE |
| Contacts | Jeffrey Maynard, maynardmarine@gmail.com |
| Partnering Agencies | PICCC, PI-CSC |
| Types | - Risk and Vulnerability or Problem-focused |
| Area of Applicability | - Regional/Local or Problem-focused |
| Focus Area | - Marine and Terrestrial Ecosystems |
| Regions | <ul style="list-style-type: none"> - Central North Pacific - State Of Hawaii - Western North Pacific - CNMI - FSM - Guam - Palau - RMI - South Pacific - American Samoa |
| Status | - Ongoing |
| Description | Ensembles of corrected IPCC AR5 climate models will be used to project SST, pcO2, and salinity in the insular Pacific. Projections of coral bleaching risk and aragonite saturation state will be used to project years for all reef locations beyond which reefs are likely to rapidly degrade. A workshop/engagement process in Hawaii will describe appropriately sensitive vehicles for communicating about climate impacts on reefs to and with native Hawaiian communities. FY 12 start. 1 year timeline. |