

# Agenda Item 15.2: Defining the roles of PMC and NMHS in Responding to Ocean Acidification

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# Objective

To forge PMC consensus on the role of PMC and NMHS in monitoring, researching, educating, and/or coordinating national and regional response to ocean acidification (OA).

# Background Information

PMC-4 Final Report, section 16.1: *Progress on the PIMOS Panel:*

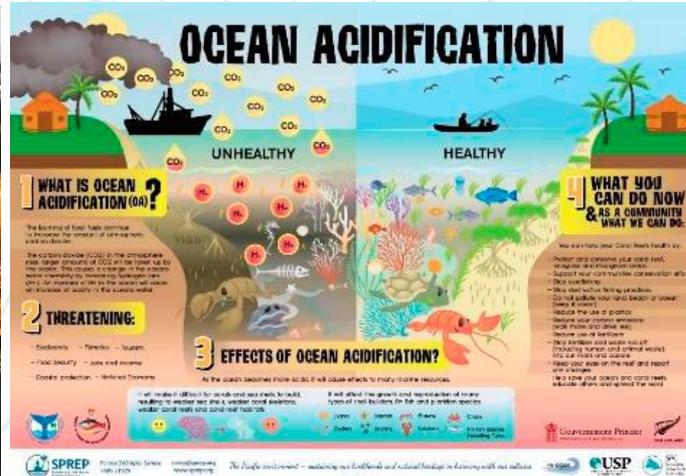
*The Meeting **endorsed...** the inclusion of marine climate change and **ocean acidification** as priorities;*

PMC-5 should consider how to incorporate OA into future workplans

# Update



**PPOA:** The Pacific Partnership on Ocean Acidification (PPOA) is a collaborative effort between SPREP, USP, and SPC to build resilience to ocean acidification in Pacific island communities and ecosystems with financial support from NZ MFAT and the Principality of Monaco.



# Update



**PI-TOA:** The Pacific Islands and Territories Ocean Acidification network (PI-TOA) is a regional hub of the Global Ocean Acidification Observing Network (GOA-ON).

PI-TOA members are currently involved in researching and monitoring OA at USP and at national universities and research stations around the region.

# Update



**KIOST:** The Korea Institute of Ocean Science and Technology (KIOST) is currently establishing OA monitoring (MAPCO2) buoys in Pacific island countries including Palau, FSM, and Samoa.



# Recommendation

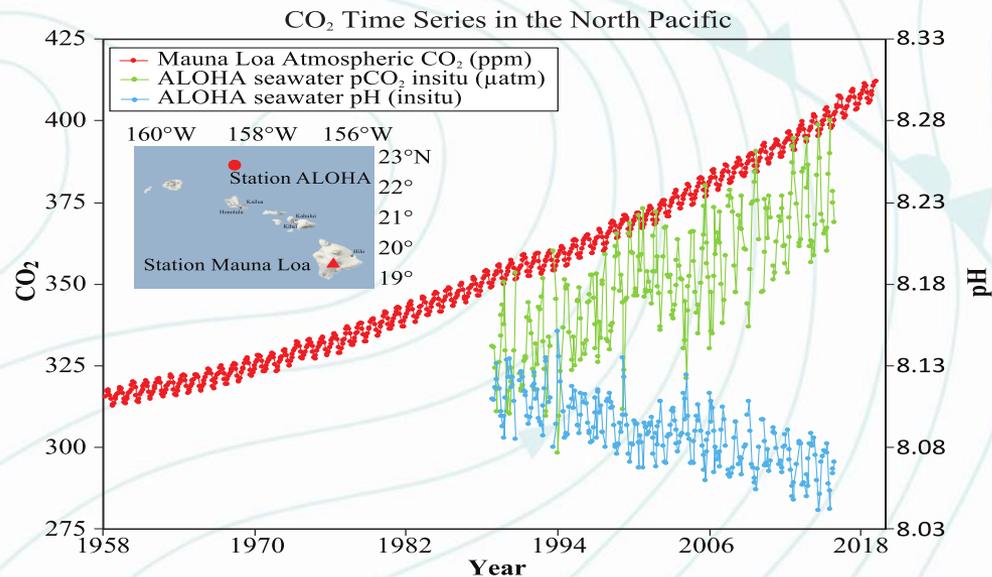
**Note** that the PMC-4 Final Report endorsed...  
the inclusion of ocean acidification as a priority;

# Recommendation

**Recognize** the urgency of monitoring, researching and responding to ocean acidification at both national and regional scales, and the value PMC, NMHS, SPREP, SPC, USP, and other partners can add by helping coordinate and advocate for that work;

# Recommendation

**Establish** baseline monitoring necessary to capture natural variability in ocean carbon chemistry and understand long-term trends;



# Recommendation

**Design** a path forward that defines the roles PMC and NMHS wish to take with respect to monitoring, researching, and/or coordinating responses to ocean acidification under the PIMOS panel;

# Recommendation

**Coordinate** national inventories of:

- OA work currently underway in each country
- Needs for addressing OA;

**Advocate** for more donor support for regional-scale OA work to address those needs