

# Alaska Ocean Acidification Lab Resources

Wet labs with in-house OA experimental systems

Alutiiq Pride  
Marine Institute

Seward, AK

pH/CO<sub>2</sub> regulated  
by controllers

Flasks to  
1200 liter tanks

On-site  
Burke-O-Lator

Temperature control  
capabilities

In-house expertise:  
organism culture  
(can raise anything)

Jeff Hetrick

NOAA Kasitsna  
Bay Laboratory

Kachemak Bay

Mass flow  
controllers

5 gallon  
vessels only

On-site carbonate  
chemistry  
analytical ability

Temperature control  
capabilities

NO in-house  
expertise

Kris Holderied

NOAA Kodiak  
Laboratory

Kodiak Island

Durafet III and  
CO<sub>2</sub> bubbling

Up to 1800 liter  
vessels

On-site carbonate  
chemistry  
analytical ability

Temperature control  
capabilities

In-house expertise:  
OA systems and  
organism culture

Chris Long

Sitka Sound  
Science Center

Sitka, AK

Durafets / UDAs /  
Labview program /  
CO<sub>2</sub> bubbling via  
mass flow controllers

Up to 15 gallon totes

NO on-site  
carbonate chem.  
analytical ability

Temperature control  
capabilities

In-house expertise:  
OA systems and  
organism culture

Lauren Bell

NOAA Newport  
Laboratory

Newport, OR

Durafet III and  
CO<sub>2</sub> bubbling via  
mass flow controllers

50L upwelling tanks  
+/- with system mod.

NO on-site  
carbonate chem.  
analytical ability

Temperature control  
capabilities

In-house expertise:  
OA systems and  
organism culture

Thomas Hurst

Non-experimental holding space available



Alaska Ocean  
Acidification Network