

MASTS Small Grant Report

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Funding was awarded to attend the international conference "*The ocean in a high-CO₂ world*" which will be held in Monterey Bay, USA (Sept. 2012). The conference was attended by around 2500 attendees (more than initially expected). I gave one oral and one poster presentation which were both well attended and MASTS was acknowledged:

Buffering of calcium carbonate polymorph change by coralline algae in response to pCO₂ enrichment (oral presentation):

Kamenos, Nicholas A., Jonathan D. Dunn, Piero Calosi, Helen S. Findlay, Steve Widdicombe, Elena Aloisio and Heidi L. Burdett

The effect of low and low-spikes pH on the intracellular DMSP production and epithelial cell morphology of red coralline algae (poster presentation):

Burdett, Heidi L., Elena Aloisio, Piero Calosi, Helen S. Findlay, Steve Widdicombe, Angela D. Hatton and Nicholas A. Kamenos

Added value from attending the conference

- 1) Showcasing MASTS-associated research:** MASTS-associated research was showcased on an international stage leading to several questions about MASTS after my presentations. It directly led to an application for a MASTS Visiting Fellowship by an American candidate that was not aware of MASTS.
- 2) New collaborations:** I generated several new collaborations as a direct consequence of the conference: **a)** Kristy Kroeker University of California Davis, **b)** Chiara Lomabrdi Università degli Studi di Pavia, Italy and **c)** Federica Ragazzola University of Bristol, UK.
- 3) Invitations to speak at conferences / workshops:** Via new contacts / collaborations made at the workshop I have been invited to speak at an FP7 Assemble Marine Workshop during late 2012 in Faro, Portugal, and during June 2013 an ocean acidification workshop at the MBA in Plymouth. The latter has generated a paper which we shall be submitting to Global Change Biology during July 2013.
- 4) Invitations to attend workshops:** From contacts made at the conference I was invited to attend a recent workshop in Southampton on the impacts on OA on benthic marine systems. We are working on a manuscript for a paper from this workshop which we expect to submit in September 2013.

MASTS funding that enabled me to attend the workshop has therefore had quantifiable impacts on my collaborations and research but also on raising MASTS' profile by attracting international applications to MASTS funded schemes.