

## Project information

### Project title

Effects of Ocean acidification and temperature on Arctic vs. boreal zooplankton species and populations

### Year

2011/2012

### Project leader

Haakon Hop, NPI

### Participants

- Haakon Hop (NPI, Leader of WP2 and OA-5)
- Howard Browman (IMR, Co-leader of WP2)
- Claudia Halsband (Akvaplan-niva)
- Peter Thor (NPI)
- Padmini Dalpadado (IMR)
- Stig Falk-Petersen (NPI)

International collaborators at Kristineberg (SLC-K) and Austevoll (HI, Howard Browman's project)

### Flagship

Ocean acidification, Theme: Effect of ocean acidification on species and ecosystems

### Summary of Results

An experienced post doc, Peter Thor, was hired in this project, with 50% start at NPI from 1 April, 2012. The other 50% will involve continuation of his OAmesocosm studies at Sven Lovén Centre – Kristineberg (SLC-K), Sweden.

Much of the work in 2011-12 has involved planning of experiments and activities to be performed at SLC-K and at Austevoll , and our research proposal has been revised and updated. A coordination meeting will be held at Austevoll in May 2012. Some field sampling equipment has been ordered and received, with help from hired technician. The technician has also surveyed relevant OA literature.

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### Published Results/Planned Publications

Hop, H. and M. Granskog. 2011. Ocean acidification in the Arctic with potential effects on the ice-associated ecosystem. The Association of Norwegian Oceanographers, Trondheim, 16-17 November. (Abstract/presentation).

### Communicated Results

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### Interdisciplinary Cooperation

Collaboration with ice physics and oceanography has been discussed. NPI has hired a second post doc, Agneta Fransson, in OA chemistry, who started in January 2012.

### Budget in accordance to results

This is a start-up of project, and this funding was needed to get it going. This project has barely started and no other sources of funding have been available.

### Could results from the project be subject for any commercial utilization

No

If Yes

## Conclusions

Not applicable, given that the project has barely started.