Havs och Vatten myndigheten

SYKE
Finnish Environment Institute

Expert Workshop

How Arctic Marine Protected Area Networks may reduce negative effects of climate change & ocean acidification

21-22 September 2017, Helsinki

Swedish Agency for Marine and Water Management

PAME Workshop Helsinki, September 2017: How Arctic Marine Protected Area networks may reduce negative effects of climate change and ocean acidification

SYKE Finnish Environment Institute

Friday 21/9 9:00-10:30	**Keynote speakers - MPAs in international waters** **Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR), Southern Ocean:** o **Dr Susie Grant, British Antarctic Survey, Antarctic Ice Shelf** o **Dr Thomas Brey, Alfred Wegener Institute, Weddell Sea** o **Dr George Watters, National Oceanic and Atmospheric Administration, Ross Sea** **MPAs in the Baltic** o **Jannica Haldin, HELCOM Secretariat** **Coastal and Marine Protected Area Networks in the Barents Region** o **Dr Gennady Matishov and Dr Nadezhda Kasatkina**
10:30-11:00	**Coffee break**
11:00-12:30	**Group work**
12:30-13:30	**Lunch**

13:30-14:30	Group work
14:30-15:00	Coffee break
15:00-16:15	Conclusions and wrap up of meeting

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Introduction to Group Work Friday

- Same group composition and rooms as yesterday, different facilitator
- Same procedure as yesterday
- Rapporteurs prepare a 1-2 page summary of the discussion for the report
- Facilitators and rapporteurs prepare two slides for the plenary session. Presentation 5 min per group + 1-2 min plenary discussion. Hand slides to Leena
- Slide 1: Key conclusions, *what we know* (3-5 conclusions)
- Slide 2: Key challenges, *what we do not know* (3-5 challenges)

Theme D (All groups)

Mitigation, adaptation or remediation – what do we wish to achieve with MPAs?

How can we incorporate relevant mitigation, adaptation and/or remediation strategies into the design of MPA networks (including other area-based measures)?

Theme E (All groups)

Optimal design of networks – specific issues caused by acidification vis á vis warming and other stresses?

What specific issues does acidification bring to the design of MPA networks? How do these issues differ from those of warming, freshening, and other stressors?

Theme F (All groups)

Other area-based measures: what information is required in order to achieve success?

(1) How can other (non-MPA) area-based measures identified in the MPA Toolbox be used to reduce negative impacts of acidification?

(2) How do we measure implementation / performance to maximise successful outcomes? How do we integrate traditional and local knowledge (TLK)?

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