

Activities of the Arctic Monitoring and Assessment Programme. Progress report to the meeting of the Senior Arctic Officials, Whitehorse, Canada. 21-23 October 2013.

2013-10

Arctic Monitoring and Assessment Programme (AMAP)

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ARCTIC MONITORING AND ASSESSMENT PROGRAMME

Activities of the Arctic Monitoring and Assessment Programme

Progress report to the meeting of the Senior Arctic Officials, Whitehorse, Canada
21-23 October 2013

By the AMAP WG Chair
Morten Skovgaard Olsen



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Recent AMAP Deliverables

- Arctic Ocean Acidification Assessment report: full science report available in late October; layman's report at end of 2013
- Identification of Arctic marine areas of heightened ecological and cultural significance (AMSA IIc report), in collaboration with CAFF and SDWG.

now in print and electronically on www.amap.no



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AMAP Assessment Activities

Updating 2009 assessments on:

- POPs in the Arctic
- Radioactivity in the Arctic
- Human health in relation to contaminants

Technical reports on SCLFs:

- Black carbon and tropospheric ozone
- Methane
- Non-technical summary and possible outreach



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Other AMAP Activities

- Expert Group on UAS developing draft agreement on the scientific use of UAS in the Arctic and handbook on safe UAS operations for scientific work (2014)
- Arctic Ocean Acidification follow up WS
- Review and revision of guidelines for AMAP Trends and Effects Monitoring Programme; coordination with CBMP
- SAON continuing activities
- Further development of new AMAP website



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Cooperation with other groups

- PAME: collaboration on marine ecosystem approach initiative and new initiative on sustainable Arctic tourism
- CAFF: coordination with CBMP in revision of AMAP monitoring guidelines
- SDWG: cooperation between human health expert groups
- UNEP: support for report on mercury emissions, with update on modelling at end of 2013



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Future AMAP meetings

- AMAP Heads of Delegation: Rovaniemi, Finland week of 3 February 2013
- AMAP WG: Arctic Canada in autumn 2014



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AACAC Activities

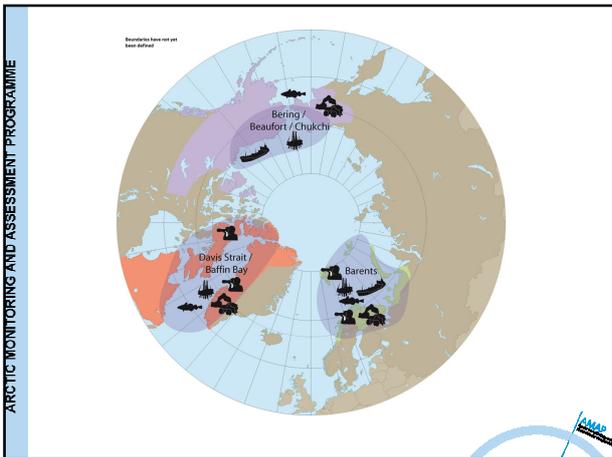
- Preparation of Implementation Plan for AACAC
- Preparation of terms of reference for Integration Team and Regional Implementation Teams
- Preparation of a strategic framework and generic table of contents for regional integrated assessments
- Above documents have been reviewed at Coordinating Workshop in Quebec on 8-9 October 2013



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Implementation plan key points

- Regional approach
- Priority setting by national, regional, and local authorities and other stakeholders
- Build on previous and ongoing work under the auspices of the Arctic Council
- Common methodology and common set of preconditions/scenarios
- Time perspective 2030 and 2080.
- Will cover marine and terrestrial areas.

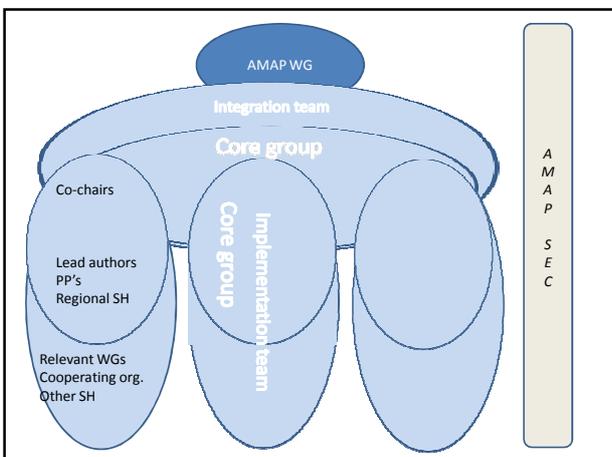



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Table of Contents:

- Chapter 1. General Description Region X**
- Chapter 2. Climate variability and change in Region X**
- Chapter 3. Other Environmental/Sectoral/Socio-Economic Drivers of Regional Change**
- Chapter 4. Assessing the Vulnerabilities and Risks (Resilience)**
- Chapter 5. Adaptation Options/Actions**
- (Chapter 6. Co-benefits and Synergies)**

References and Appendices

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AACAC Activities

Initial activities of the three AACAC regions:

- Barents Sea region: regional workshop to be held December 2013
- Davis Strait/Baffin Bay region: regional workshop early 2014
- Bering/Chukchi/Beaufort Seas region: plans under way for regional workshop early 2014



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AACA-C Activities

Report on relevant scenarios to AACA-C work being prepared by Norway

SWIPA follow-up planned in relation to AACA-C:

- Freshwater budget for the Arctic (AMAP with CLiC, IASC); first meeting 11-12 November 2013, Stockholm
- Workshop 2014 to link AACA-C needs and other SWIPA follow up
- Possible short follow-up reports on sea ice, snow, GRIS, permafrost, other issues



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AACA-C Activities

Deliverables:

- Regional assessment reports
- Layman reports
- Policy makers report
- Other spin-off products

- Synthesis report on regional findings.

