

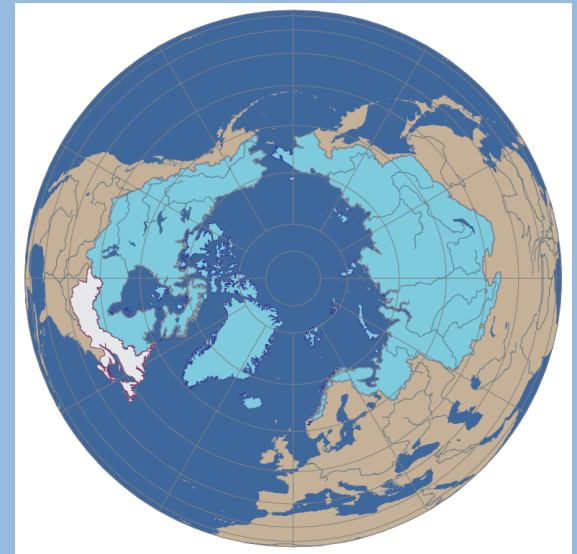
AMAP

Arctic Monitoring and Assessment Programme

AMAP activities

Martin Forsius
AMAP Chair

Finnish Environment Institute



www.amap.no

AMAP

Arctic Monitoring and Assessment Programme

AMAP initiated in 1991 to monitor and assess levels, trends and effects on Arctic ecosystems and humans:

Pollutants – Persistent Organics (POPs), heavy metals, radionuclides, petroleum hydrocarbons & acidification;

Climate change, incl. UV, ozone, black carbon, methane & ocean acidification;

Analyzing samples from: air, water, snow, ice, sediments, plankton, invertebrates, fish, birds, mammals & humans;

Perform integrated assessments of several drivers.

Provide science based policy related Actions

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Working groups of Arctic Council



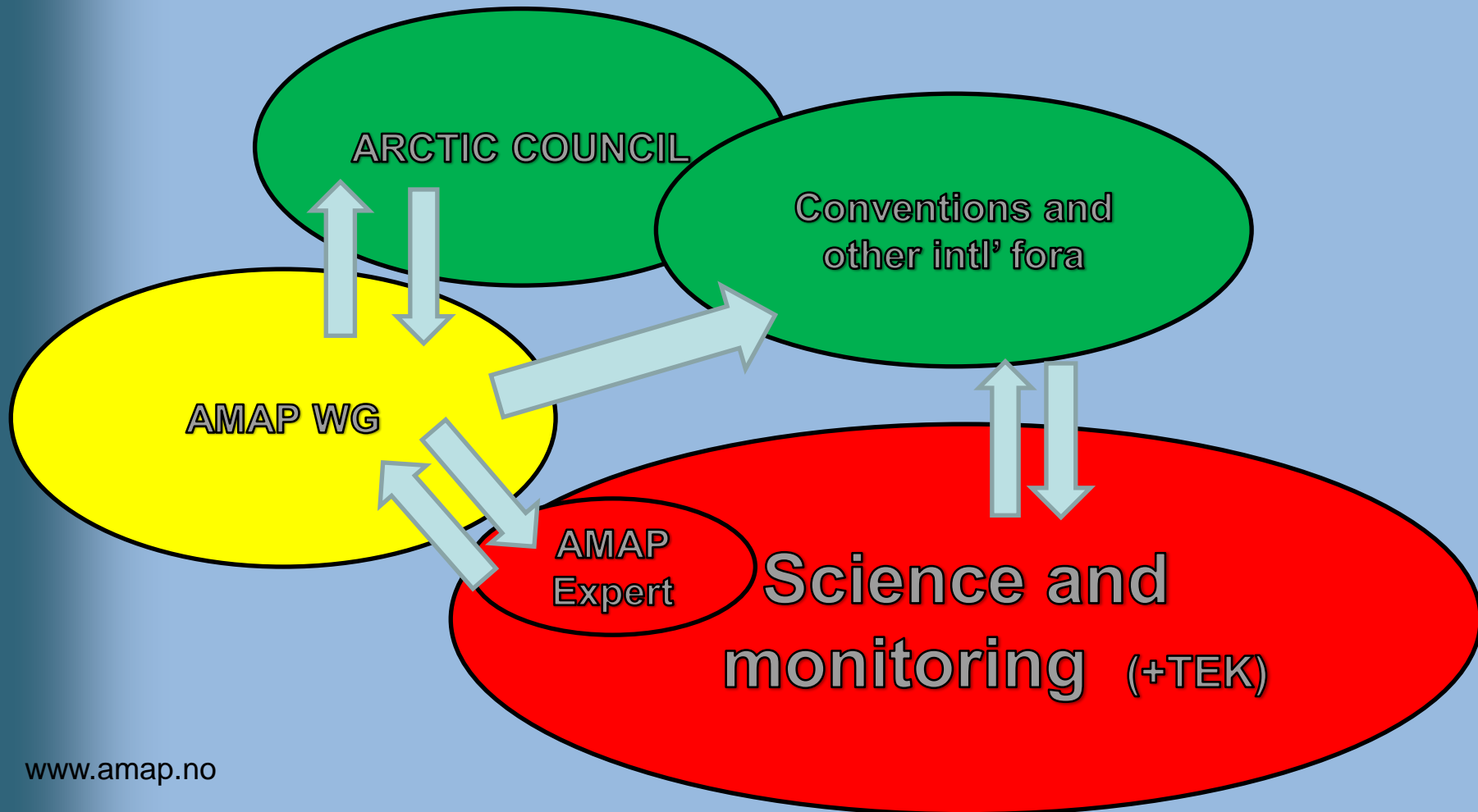
What and how

- Coordination of monitoring efforts
- Integrated assessment reports
- Identifying possible causes for change
- Detecting emerging problems
- Recommending actions

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Who does what ?

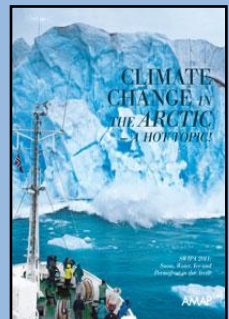
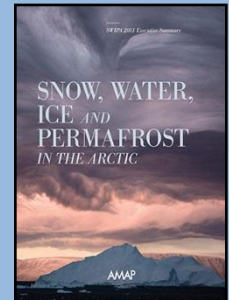
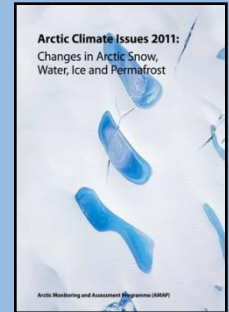
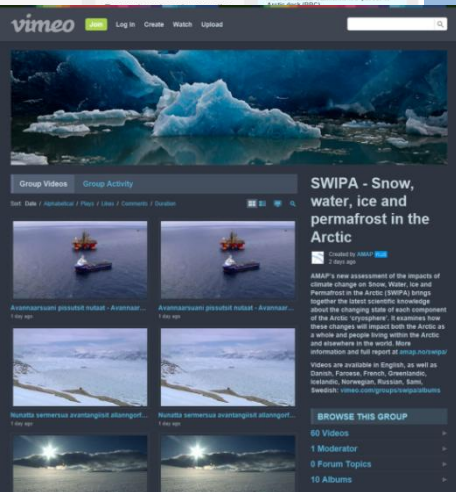
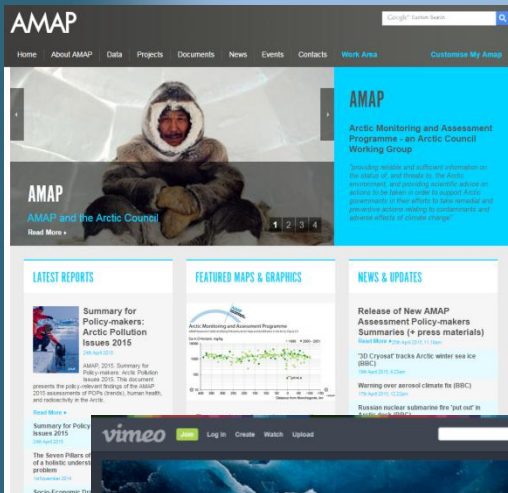


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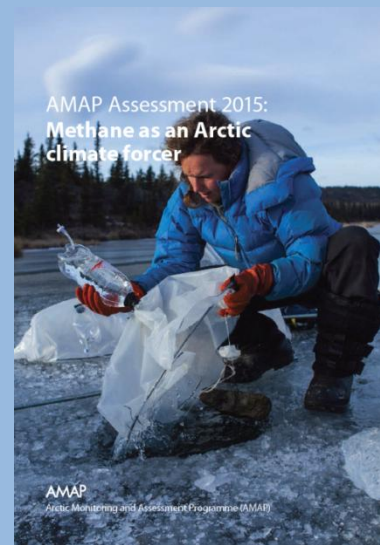
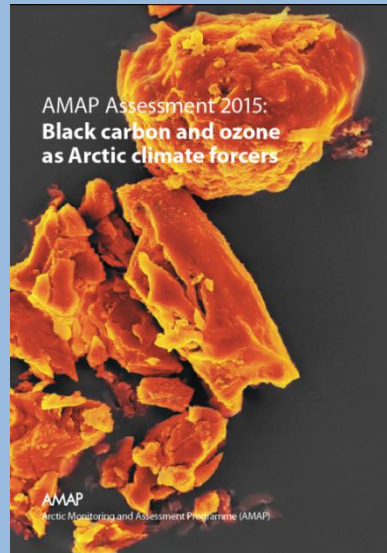
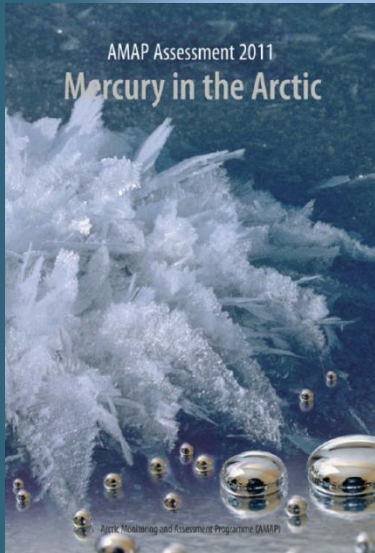
Robust derivative products

- Science reports & articles
- Layman's overviews
- Summaries for policy-makers
- Video (web, DVD)
- Educational outreach
- Technical/data products
- Web dissemination
- Social media



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Chemicals of
Emerging
Arctic
Concern
(2016)



Recent/ongoing AMAP Assessments

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AMAP Deliverables 2015-2017

- SLCP reports – BC, Ozone & Methane;
- POP – Trends in environment and biota;
- Radioactivity;
- Human Health;
- Arctic Ocean Acidification (AOA) 2;
- SWIPA 2 – State & Future trends, Greenland ice sheet & glaciers, Sea ice, Snow, Permafrost, Carbon Flux, Feedbacks, Cross Cutting issues;
- Adaptation Actions to a Changing Arctic – AACCA
- POPs – Effects and New Chemicals of Concern

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Arctic Monitoring and Assessment Programme

International Conference on Arctic Science: Bringing Knowledge to Action

April 24-27, 2017 Reston, Virginia, USA

*Organized by the Arctic
Monitoring and Assessment
Programme (AMAP)*

**FIRST CALL
FOR ABSTRACTS**