

Arctic Monitoring & Assessment Programme

IUR International Workshop:
Worldwide harmonization of radioecology networks.

Kristin Elise Frogg

Aix en Provence, 19-20 June 2014

Organisational structure



Geographical coverage



Goals (1)

Assessments:

- * Produce scientific assessments and information products from which strong science based policy recommendations can be made.
- * Identify gaps and key questions that are needed for the best possible assessment of cumulative environmental stressors, their causes, and impacts on ecosystems and people, and recommend appropriate actions.
- * Identify knowledge gaps and prioritize research needs.

Communications and Outreach:

- * Develop a closer cooperation with other AC Working Groups, Permanent Participants, governments, observers, educational institutions (e.g., University of the Arctic), the media and other organizations to promote AMAP results.
- * Effectively communicate the results of AMAP activities to meet the needs of stakeholders.

Goals (2)

Monitoring:

- * A sustained, robust circumpolar monitoring network effective at detecting change and discerning trends over the entire Arctic Region related to a range of environmental stressors including pollutants, climate change and the interaction between them.
- * Develop and maintain circumpolar monitoring guidelines for the standardized collection and analysis of samples and data, including new parameters that meet evolving monitoring needs.
- * Work with, and support, Indigenous Peoples groups' community-based monitoring projects.

Monitoring & assessment

AMAP is conceived as a process integrating both monitoring and assessment activities, in order to:

- * produce integrated assessment reports on the pollution and climate status and trends of the conditions of Arctic ecosystems;
- * identify possible causes for changing conditions;
- * detect emerging problems, their possible causes, and the potential risk to Arctic ecosystems including indigenous peoples and other Arctic residents;
- * recommend actions required to reduce risks to Arctic ecosystems.

AMAP assessment reports

- * **AMAP has produced a series of high quality science-based assessments of the status of the Arctic with regard to pollution and climate change issues.**
- * The AMAP assessments are the result of cooperative efforts involving a large number of scientists, indigenous peoples' representatives, and representatives of the Arctic countries and AMAP observing countries and organizations. AMAP science reports are subject to rigorous peer-review.
- * All AMAP assessment reports are available as electronic documents (www.amap.no). They include
 - * *popular/educational summaries,*
 - * *more extensive but still easily readable overview reports,*
 - * *detailed scientific background documents and*
 - * *technical reports.*