# Artic Monitoring & Assessment Programme

IUR International Workshop: Worldwide harmonization of radioecology networks.

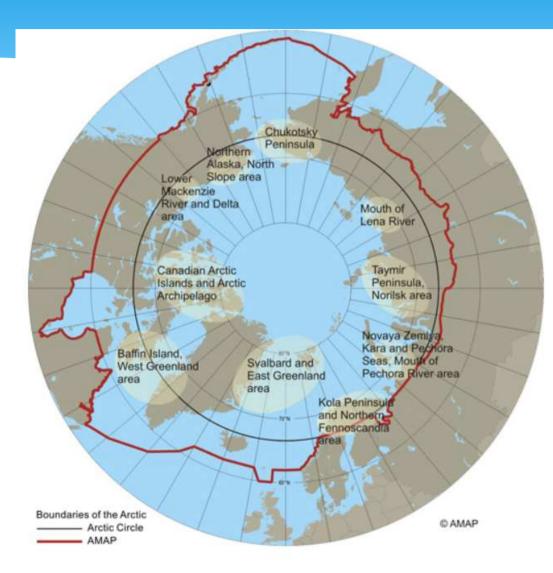
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### Organisational structure



## 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' communitybased 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.