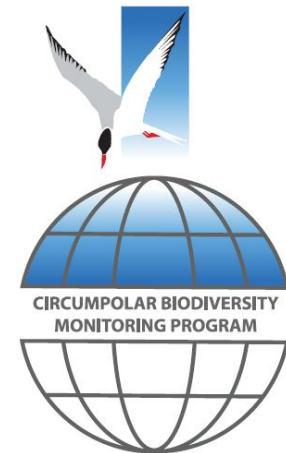


The Circumpolar Biodiversity Monitoring Program (CBMP)'s Coastal Expert Monitoring Group (CEMG)

The Circumpolar Biodiversity Monitoring Program (CBMP) Coastal Expert Monitoring Group (CEMG)'s goal is to promote, facilitate, coordinate and harmonize coastal biodiversity monitoring activities among circumpolar countries and Permanent Participants, and to improve ongoing communication amongst and between scientists, community experts, traditional knowledge holders, managers and disciplines both inside and outside the Arctic.



The CEMG is the fourth and final ecosystem group of the CBMP and is tasked to develop an Arctic Coastal Biodiversity Monitoring Plan that outlines a biodiversity-monitoring program for coastal ecosystems across the circumpolar Arctic. The CBMP has produced similar plans for Arctic marine, freshwater and terrestrial ecosystems.

Countries responsible for implementing the program and will build on existing initiatives and work to implement new monitoring as opportunities arise.

What will the CEMG do?

The Coastal Expert Monitoring Group (EMG) will:

- Develop a multi-disciplinary, multi-knowledge base, integrated, pan-Arctic, long-term biodiversity monitoring plan that:
 - Responds to identified science, TK, and user questions and user needs;
 - Identifies and aligns with specific monitoring and management objectives as defined by scientists and TK holders;
 - Identifies a suite of focal ecosystem components to focus monitoring on and a suite of priority parameters for each focal ecosystem component;
 - Using both TK and science identifies a small suite of coastal ecosystem indicators (derived from the parameters) that can be used to report on the state and quality of coastal Arctic ecosystems;
 - Using both TK and science identifies optimal sampling schemes for the chosen parameters;
 - Makes use of existing monitoring capacity and information (scientific, TK, and community-based,);
 - Identifies key abiotic parameters relevant to coastal biodiversity that need continual monitoring; and,
 - Identifies and, where possible, addresses current gaps in coverage (both elemental, spatial and temporal).
- Develop an implementation plan for the monitoring plan that identifies timelines, costs, organizational structure and partners.

Who is the CEMG?

The CEMG consists of CAFF representatives from Arctic coastal nations and Permanent Participant organizations of the Arctic Council. Each member acts as a focal point drawing from and consulting with a diversity of experts within their own nations. The CEMG is currently co-led by Canada and the United States of America.

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