



Environment and
Climate Change Canada



Norwegian
Meteorological
Institute



Russian Federal Service
for Hydrometeorology
and Environmental Monitoring

Introducing the Pan-Arctic Regional Climate Outlook Forum (PARCOF)

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WEATHER CLIMATE WATER
TEMPS CLIMAT EAU

SMHI



FINNISH METEOROLOGICAL INSTITUTE



Icelandic Met
Office





Why have a PARCOF?

To meet with Arctic users of climate information

- Share advances in climate information
- Show and explain the new ArcRCC products and how they can be used
- Better understand users planning and adaptation needs
- Adapt new and future products to meet your needs



Photo: Katherine Wilson



Photo: GNWT Wildlife



Photo: Katherine Wilson



Photo: Canadian Coast Guard

The ArcRCC Information Flow

Monitoring & Modelling Centres

Sea Surface Temperatures,
Sea Ice, Winds, Temperature,
Precipitation...

Create the information

Intermediate Users National Meteorological & Ice Organizations

**Receive the information
and then create products
for the end-users**

End-Users

Indigenous,

Arctic Defence,
Marine Safety, Regulators,
Pollution Prevention/Oil Spills,

Commercial Shipping,

Search and Rescue
Arctic Human Health
Arctic Ecosystems and Wildlife,
Natural Resource Development,
Infrastructure: Terrestrial, Marine,
Telecommunications,
Arctic Policy/Science



Who is attending the 1st PARCOF ?

Modelling Centres

CCMEP=Canadian Centre for Meteorological and Environmental Prediction

NOAA=National Oceanic and Atmospheric Administration

Intermediate Users

Met & Ice Services from

Canada

Denmark

Finland

Iceland

Norway

Russia

United States

End-Users

Arctic Athabaskan Council

Eskimo Walrus Commission

Inuit Circumpolar Council

Arctic Adventures

Fednav Shipping

Silversea Cruises





The next 2 days are about learning:

1. Presentations from Users: Indigenous & Commercial Shippers

2. Presenting on the initial ArcRCC Products

- **Summaries** of the past season: describes actual temperature, precipitation and sea-ice details based on monitoring observations
- **Outlooks** for the upcoming season: temperature, precipitation and sea-ice forecasts from models



1st ArcRCC Consensus Statement

3. Consensus Statement a collaborate effort by the network which reviews

- trends in the historical data
- forecasts from the models
- Fills gaps based on climate expertise
- to develop a consensus outlook for the Arctic for the upcoming season

4. Where you can get this information



The next 2 days are about learning:

5. Break-out Groups: Over-arching questions

- Do you understand the products? If not we'll take the time to explain, we're a small group on purpose.
- Are they useful?
- How could we make them more useful?



General questions were sent out in advance

6. To develop a model for on-going user engagement in the Arctic Regional Climate Centre



Initial Plans

- 1. April/May - face-to-face meeting prior to the Arctic summer season**
- 2. October - virtual meeting prior to the Arctic winter season**
- 3. Permanent Participants of the Arctic Council are invited to all forums**
- 4. Locations of forums will rotate amongst participant countries and the users-focus of the forums will change**





Thank You