



ACF

Arctic Climate Forum



Norwegian
Meteorological
Institute

Arctic Climate Forum - 10

Jelmer Jeuring - ArcRCC-N Nordic Node Lead

Norwegian Meteorological Institute

October 26-27 2022



World Meteorological Organization
Arctic Regional Climate Centre
Network

Where to find the Meeting materials

- ❖ Arctic Climate Forum Fall 2022 | Arctic Regional Climate Centre Network (arctic-rcc.org)
- ❖ Agenda on the website
 - Day 1 presentations
 - Day 2 presentations
- ❖ After the meeting, the Consensus Statement will be posted at:
[Consensus statements | Arctic Regional Climate Centre Network \(arctic-rcc.org\)](https://arctic-rcc.org/consensus-statements)
- ❖ **Please note that the meeting is recorded on video** (recordings will be posted on arctic-rcc.org).
- ❖ Video recordings for each day will be posted on the ACF-10 page when ready for viewing [Arctic Climate Forum Fall 2022 | Arctic Regional Climate Centre Network \(arctic-rcc.org\)](https://arctic-rcc.org/arctic-climate-forum-fall-2022)

Logistics

- ❖ Please mute your audio and turn off your video.
- ❖ Zoom has a “Chat” function where you are encouraged to write your questions and comments during the presentations.
- ❖ Your questions will be addressed during the various “Q&A” sessions. Moderators will be collecting your questions for each session and will ask them on your behalf.
 - If the chat isn’t available to you, please email your questions to:
 - *Jelmer Jeuring (MET Norway): jelmerhgj@met.no*
 - Zoom has a “Raise Hand” function should you need to request the floor during the discussion sessions to answer questions posed to the audience.



Agenda



TIME	ITEM	PRESENTER
16:00 (10)	Welcome <ul style="list-style-type: none"> ➤ Introduce the Arctic Climate Forum ➤ Brief overview of yesterday's and today's agenda ➤ Meeting logistics and how to ask questions ➤ Where to find the ArcRCC-N products and presentations 	Jelmer Jeuring - Norwegian Meteorological Institute (MET Norway)
16:10 (25)	Arctic Summer 2022 Seasonal Summary: <ul style="list-style-type: none"> ➤ Atmospheric patterns ➤ Temperature, precipitation, sea-ice, polar ocean and land hydrology based on observations and reanalysis data 	Vasily Smolyanitsky - Arctic and Antarctic Research Institute (AARI)
16:35 (10)	Climate Conditions and Socio-Ecological Impacts at the (sub)seasonal timescale: <ul style="list-style-type: none"> ➤ Summary of bioclimatic indexes in the Arctic for the past season ➤ Forecast for the next season 	Anastasiya Revina (AARI) and Svetlana Emelina (Hydromet Centre)
16:45 (5)	Experimental forecast of sea ice characteristics based on the INM RAS model for the upcoming season	Vasilisa Vorobieva and Maria Tarasevich (Institute of Numerical Mathematics/Hydromet Centre)
16:50 (10)	Q&As on Seasonal summary of observations	Moderator: Anna Timofeeva (AARI)
17:00 (20)	Service provision and use - Presentation (15+5):	Andrea Vajda (FMI) : Sub-seasonal and seasonal prediction service for tyre companies in Finland
17:20 (15)	Health Break	
17:35 (25)	Temperature, Precipitation, Sea Surface Temp. and Snow Water Equivalent <ul style="list-style-type: none"> ➤ Validation of the Outlook for Summer 2022 ➤ Outlook for Winter 2022/23 and model confidence 	Marko Markovic - Environment and Climate Change Canada (ECCC)
18:00 (10)	Q&A on Validation and Confidence	Moderator: Cyril Palerme (MET Norway)
18:10 (25)	Sea-Ice Outlooks <ul style="list-style-type: none"> ➤ Validation of the Outlook for Summer 2022 ➤ Outlook for Winter 2022/23 and model confidence 	Scott Weese - Environment and Climate Change Canada (ECCC)
18:35 (10)	Q&A on Sea-Ice Outlooks	Moderator: Vasily Smolyanitsky (AARI)
18:45 (10)	ArcRCC Consensus Statement	Vasily Smolyanitsky (AARI)
18:55 (5)	Final thoughts and wrap-up	Jelmer Jeuring (MET Norway)

Arctic Summer 2022 Seasonal Summary

Vasily Smolyanitsky

Arctic and Antarctic Research Institute

Climate Conditions, Socio-Ecological Impacts

Anastasiya Revina
Svetlana Emelina

AARI
Hydromet Centre

Experimental sea-ice forecast parameters

Vasilisa Vorobieva and Maria Tarasevich

Institute of Numerical Mathematics/Hydromet Centre



Q&A

Seasonal summary of observations



Service provision and use - Presentation

Andrea Vaida

Finnish Meteorological Institute



Health break



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Validation of Summer 2022 & outlook for Winter 2022/23

**Temperature, Precipitation, Sea Surface Temperature
and Snow Water Equivalent**

Marko Markovic

Environment and Climate Change Canada (ECCC)

Q&A

Validation of Summer 2022 & outlook for Winter 2022/23

Temperature, Precipitation, Sea Surface Temperature and Snow Water Equivalent

Validation of Summer 2022 & outlook for Winter 2022/23

Sea-ice

Scott Weese

Environment and Climate Change Canada (ECCC)

Q&A

Validation of Summer 2022 & outlook for Winter 2022/23

Sea-Ice Outlooks



ArcRCC-N Consensus Statement

Vasily Smolyanitsky *AARI*

Wrap up and thanks to all!

All information available on

<https://arctic-rcc.org/acf-fall-2022>