ARCTIC REGIONAL CLIMATE CENTRE (ARCRCC) NETWORK

8TH ARCTIC CLIMATE FORUM (ACF) virtual session

October 27th – 28th, 2021

ArcRCC-N Regional Overview Briefings – Setting the Scene
Day 1 Agenda
October 27th, 2021, 16:00 – 19:00 UTC
To determine your local time go to: https://www.timeanddate.com/worldclock/timezone/utc
Intended Audience: Everyone welcome, especially users interested in the overview of general climate conditions and forecasts for their region
Microsoft Teams access for day 1

TIME (UTC)	ITEM	DETAILS
16:00 (5')	**Welcome** Introduce the Arctic Climate Virtual Forum and agenda for next two days How to ask questions and make comments Where to find the ArcRCC-N products and presentations	Martin Stendel, Danmarks Meteorologiske Institut (DMI)
16:05 (10')	**Background on the ArcRCC-Network**	Helge Tangen, ArcRCC Network Coordinator, Norwegian Meteorological Institute (NMI)
16:15 (50')	**ArcRCC-N regional climate overview briefing** Temperature, precipitation and sea-ice conditions: review of summer 2021 including extreme events, and Outlook for winter 2021/22	
	North America	Rick Thoman, International Arctic Research Center (IARC) Jacinthe Lacroix, Environment and Climate Change Canada (ECCC)
	Europe	Anna Hulda Ólafsdóttir, Icelandic Meteorological Office (IMO) Lene Østvand, Norwegian Meteorological Institute (NMI)
	Eurasia	Valentina Khan, Svetlana Emelina, Hydromet Center Moscow (HMC)
	Central Arctic	Anna Timofeeva, Arctic and Antarctic Research Institute (AARI), Central Arctic
17:05 (20')	**Discussion**	Moderator: Vasily Smolyanitsky
17:25 (10')	**BREAK**	
17:35 (40')	**Seasonal Forecast User presentations** (20 min each)	
	Fire weather forecasting in Alaska on the seasonal and sub seasonal scale	Uma Bhatt, University of Alaska Fairbanks

	Wildfire analysis for the past season	Valentina Khan, Svetlana Emelina, Rick Thoman
18:15 (15')	**Discussion, Q&A**	Moderator: Jelmer Jeuring
18:30 (15')	**ArcRCC-N Consensus Statement for the Arctic:** What it is and how it's created AND WHY YOU SHOULD SHOW UP TOMORROW	Adrienne Tivy, Environment and Climate Change Canada (ECCC)
18:45 (5')	**Summary and Wrap-up**	Martin Stendel, DMI

Note: Monthly updates of model data can be found at *https://wmolc.org/gscuBoard/list*

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8TH ARCTIC CLIMATE FORUM (ACF) virtual session

October 27th – 28th, 2021

ArcRCC-N Briefings – In Depth Presentations
Day 2 Agenda
October 28th, 2021, 16:00 – 19:00 UTC
To determine your local time go to: https://www.timeanddate.com/worldclock/timezone/utc
Intended Audience: Everyone welcome, especially users interested in more technical details of the climate observations and models
Microsoft Teams access for day 2

TIME (UTC)	ITEM	DETAILS
16:00 (5')	**Welcome** Introduce the Arctic Climate Virtual Forum with a brief review of yesterday's agenda How to ask questions and make comments Where to find the ArcRCC-N products and presentations	Martin Stendel, Danmarks Meteorologiske Institut (DMI)
16:05 (40')	**Arctic Summer 2021 Seasonal Summary**: Atmosphere patterns Temperature, precipitation, sea-ice, polar ocean and land hydrology (anomalies, ranks, extremes based on observations and reanalysis) Sea ice minimum 2021 October 2021 snapshot	Vasily Smolyanitsky, Arctic and Antarctic Research Institute (AARI)
16:45 (20')	**Seasonal Forecast User presentation** Mariners perspective on what may be required to make navigation safer in the Arctic region	Ashok Pandey, Massachusetts Maritime Academy
17:05 (15')	**Discussion (User Perspectives)**	Moderator: Shanna Combley
17:20 (10')	**BREAK**	
17:30 (30')	**Temperature, Precipitation, Sea Surface Temperature and Soil Water Equivalent** Introducing the multi-ensemble method Validation of the outlook for summer 2021 Review of model confidence for the winter 2021/22 outlook	Marko Markovic, ECCC
18:00 (5')	**Q&A**	Moderator: Martin Stendel
18:05 (30')	**Sea-Ice Outlook for winter 2021/22** Introducing the models Validation of outlook for summer 2021 Review of model confidence for the winter 2021 /22 outlook	Scott Weese, ECCC
18:35 (10')	**ArcRCC-N Consensus Statement**	Adrienne Tivy, ECCC
18:45 (15')	**Discussion (User Perspectives)**	Moderator: Uma Bhatt

19:00 (10’)	**Final thoughts & Wrap-up**	Martin Stendel, DMI Helge Tangen, NMI Anahit Hovsepyan, WMO