Summary of chat Q&A ACF non-technical online
Wednesday 27 May 2020
6pm-8pm CET (4pm-6pm UTC)

Joanna 6:38 PM
Where might we find what is considered 'normal' for temp, precip, sea ice?

Eivind MET Norway 6:38 PM
There will be more details in the technical presentations tomorrow

Joanna 6:39 PM
Great - if there is any material on this to refer to after then that would be helpful as well. Thanks!

Kumar 6:39 PM
Is the normal based on model hindcast period or long-term data record ?

Grönfeldt Isabella 6:43 PM
The Baltic Sea has experienced the lowest ice extent in at least a 100 years this winter

Vasily 6:44 PM
All 'normals' for 1st, 2nd WMO periods and last 20 years are ready, we shall check their avialbility on the ArcRCC web-site, in any case contact me in case you are interested in certain variable

Marko M. 6:45 PM
Kumar and Joanna, when we are talking about normals and showing climate model results, these normal are based on models' climatology,
On the other hand, if we disuss observations, normals are defined using observed climatologies.

Kumar 6:48 PM
Thanks, Marko.

Joanna 6:48 PM
👍

Kumar 6:49 PM
I really like these reports. Excellent presentations, everyone. Quite informative.

Marko M. 6:50 PM
Thanks Kumar!

Sara Holzman 6:51 PM
Question: these overviews are for temp, precip, and sea ice. Why those climate variables? What about others such as wind, permafrost etc? Is there the potential to include more variables in future outlooks? Thank you!

Marko M. 6:52 PM
Hi Sarah, temp and precip are the variables that were proposed by WMO as 'basic' variables to forecast and evaluate.
Our group added sea-ice as a very important variable for the Arctic sector.
In the future we will try to throw in Snow water equivalent. We are trying to work with our clients to see which variable is of their importance.

Rick Thoman 6:54 PM
Sara, we welcome suggestions for additional varaibles. That's exactly what we want to learn to make this most useful to users in and for the Arctic.

Marko M. 6:54 PM
If you indentify some impornat variables for your sector, we can work together to try to forecast those too. Cheers!!!

Helge 6:55 PM
Adding to Marko's answer: There are possibilities to add parameters, based on user needs. However, wind is very hard to monitor in the Arctic, with very few observations. Wid forecasts from models can be made, but then we have a hard time to make decent verifications to assess the quality.

Sara Holzman 6:57 PM

Thank you. Happy to talk more offline and with collegaues at ECCC.

Muthalagu Ravichandran 6:57 PM
Whether model analysis and forecasts are available online

Marko M. 6:59 PM
Hi Ravichandran, model analysis and forecasts will be available here: https://arctic-rcc.org/
right after the Arctic Climate Forum, later this week.

Gunn-Britt Retter 7:00 PM
Can I share some observed impacts of the present Winter/Spring, orally?

Gold, Maya 7:01 PM
Hello Gunn-Britt!

Marko M. 7:01 PM
You may freely share it, fohttp://www.wmo.int/pages/prog/wcp/wcasp/meetings/parcof/index.phpr citations
please use this:

Andreane Lussier 7:04 PM
Marko, the website you just shared doesn't seem to work

Eivind MET Norway 7:06 PM
Thanks Gunn Britt. For the flooding perhaps the term "inland" is abit misleading. We do mainly concern flooing
in southern inland Norway

Gunn-Britt Retter 7:08 PM
Eivind, NVE has been several times on local radio with warnings about flooding in Northern Norway.

Helge 7:09 PM
Andreane, you are right. That website has obviously been included in some other site. Will try to investigate.

Kumar 7:12 PM
The correct link is http://www.wmo.int/pages/prog/wcp/wcasp/meetings/parcof/parcof-canada2018.html, but it
is all old material.

Marko M. 7:14 PM
Andreane, i will try again:
http://www.wmo.int/pages/prog/wcp/wcasp/meetings/parcof/index.php

Eivind MET Norway 7:15 PM
We have migrated all ACF/PARCOF information to the arctic-rcc web pages: https://arctic-rcc.org/acf-spring-2018

Andreane Lussier 7:15 PM
Thank you!

Yang,Daqing [NHRC] 7:06 PM
In risks and impacts, flooding is the measures for hydrology, uncertain exists to assess the foods risk in Siberia
rivers. Lakes are very important in northern regions, it is better to use lake level as a risk measure, i.e. to report
from model forecast of higher, normal or lower lake stage in the summer season?

John Falkingham 7:09 PM
Have you considered iceberg risks in Greenland, Labrador, Barents, Kara??

Taneil 7:10 PM
Is there ever a report for the Central Arctic Ocean region?

Rick Thoman 7:10 PM
Central Arctic Ocean was the last section of Valentina's report

Taneil 7:11 PM
Thanks.

Sara Holzman 7:13 PM
Sara Holzman, Government of Nunavut, Climate Change Secretariat. I won't comment directly on impacts as the territory is so big and I live here in Iqaluit. But it is important to get those local, community-based, and indigenous observations. Are these types of observations included in the methodology (you spoke about at the beginning of this presentation) of how you made those outlooks that you just presented on? In Nunavut, there are amazing community-based monitoring programs gathering in-situ, real-time data. How can we ensure that these local observations are taken into account?
also thank you for these outlooks you presented. They will be very useful for briefing senior management! :)

Wilson,Katherine [NCR] 7:15 PM
Sara, yes these observations are so important. The ArcRCC is very new, so lets chat more about this off-line

Appleby,Bill [Dartmouth] 7:18 PM
hi Sara we have tried to get input from our ECCC Weather Prepareness Meteorologists responsible for your areaa but would welcome community input to help us better relate risks to the forecasts. Thanks for your comments.

Gagnon,Normand [CMC] 7:19 PM
Yes, Sara, ECCC would be interested getting these is possible and integrate them into our assimilation and forecast system to try to improve the forecasts.

Logan Rudkevitch 7:24 PM
To build on what Sara has noted, I work for the Government of the NWT as the Climate Change Information Management Specialist and would also be interested in ensuring that you have acces to the information coming from our community based programs as well.

Sara Holzman 7:25 PM
sholzman@gov.nu.ca happy to continue these meaningful conversations!

Gabrielle Gascon 7:26 PM
Hi Sara, thank you very much for your comment. I am a manager in the Meteorological Research Division at Environment and Climate Change Canada. Adding on to the very positive comments from my colleagues, one aspect of my group's work is on Arctic meteorological observation and research, including the operation of a site for meteorological observations at Iqaluit (you may already be familiar with it). We are interested in involving community-based knowledge in our activities. I'll follow up with you on this!

Gagnon,Normand [CMC] 7:28 PM
OK, Gabrielle and I will contact you both about that .

Sara Holzman 7:29 PM
great- thanks for all this. be in touch!

Gabrielle Gascon 7:33 PM
Hi Logan, thank you for your note. Happy to discuss with you as well on how to integrate information from your community-based program in ArcRCC.

Gunn-Britt Retter 7:18 PM
Helge or Eivind, is Varanger in the Atlantic or European node? The boundaries are maybe not that exact?

Helge 7:27 PM
Gunn-Britt, Varanger ligger nokså midt på grensen mellom de to områdene!

Gunn-Britt Retter 7:28 PM
Takk Helge, men områdene er kasnkje ikke så forskjellige? Hva definerer forresten områdene, er det institusjnenes virkeområde eller regionale klimasystemer?

Helge 7:32 PM
Inndeling av områdene ble gjort på best mulig skjønn, og det er rett at det også handler om de ulike institusjonene som utgjør ArcRCC.

Fleetwood,Rick [Fredericton] 7:35 PM
Thanks for the interesting and informative presentations. One theme that I saw come through in many of the outlooks was the warmer than normal temperatures and risks for wildfire

Richard Boudreault 7:36 PM
Very informative, thanks

SMHI- (SE) Amir Mirbashiri 7:36 PM
Thank you so much all for your professional presentations . Special thanks to Vasliy and Helge.
😊👍👏👏👏👏👏

Gunn-Britt Retter 7:36 PM
Thank you for the presentation, shared in a away I also can understand :-)
The slides were useful and easy to read as well.

Alison Perrin 7:37 PM
I can see different sectors here in the Yukon finding the seasonal outlook very useful. Can I find a summary online somewhere to share?

Lene Østvand (MET Norway) 7:39 PM
Summaries can be found at https://arctic-rcc.org/climate-monitoring. The latest will come during the week.

Lene Østvand (MET Norway) 7:40 PM
The presentations from today and tomorrow will be uploaded at https://arctic-rcc.org/acf-spring-2020

Eivind MET Norway 7:37 PM
If you want to provide feedback offline you may provide a message on https://arctic-rcc.org/about-us

Gunn-Britt Retter 7:39 PM
Eivind, tror du det er veldig teknisk i morgen, klarer jeg å henge med, mon tro?

Eivind MET Norway 7:39 PM
Vi skal prøve å forklare det in laymans terms, ikke super teknisk. Men litt mer teknisk blir det