



## INTERNATIONAL ICE CHARTING WORKING GROUP (IICWG)

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Task Team 6

### REGIONAL CLIMATE CENTRE CONTRIBUTIONS

Most Recent Update: 25 September 2020

**Task Team Leader:** Scott Weese - [scott.weese@canada.ca](mailto:scott.weese@canada.ca) – Arctic  
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**Team Members:**

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- USNIC rep for southern oceans

**Summary of Original Task:**

- Collaboration and review of the sea ice seasonal outlooks up to three times per year (two main releases in the May and October timeframes with an update mid-winter (February)).
- Contribute impact statements where relevant
- Contribute to the consensus statement
- Contribute to the evolution of the sea ice component of the Arctic RCC
- Share best practices on heuristic and statistical methods to generate client focused seasonal forecasts
- Share best practices on subjective and objective validation of seasonal outlooks.
- Share client needs for seasonal forecast products
- Ensure coordination with SIPN and SIPN-South on seasonal outlooks
- Encourage attendance of task team members in RCC Climate Forums

**Status:** Continue with following revisions:

- Add Southern Ice Service expertise in anticipation of Antarctic RCC

**Next Steps (if any):**

- Introduce southern ocean expertise
- Produce a white paper describing the state of seasonal outlooks across the ice services

**Activities/Status**

- Virtual 5<sup>th</sup> Arctic Climate Forum (ACF-5) was held online 27-28 May 2020



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- Presentations on Arctic winter 2019/20 and spring 2020 seasonal summaries for sea-ice lead by Vasily Smolyanitsky (AARI)
- Arctic sea-ice outlook for summer 2020 shared by Scott Weese (ECCC-CIS)
- Significant contributions from IICWG Task Team members led to development of outlook as well as impact statements
- Modelling support provided in large part by Canadian Centre for Climate Modelling and Analysis (CCCMA) under leadership of Bill Merryfield
- SIPN South has a peer review publication in press which will feature in the State of the Climate 2019 in BAMS
- Also preparing another paper on the previous three seasons of SIPN South non-operational forecasts
- Draft schedule for Winter 2020/21 Sea-Ice Forecast established, Fall Arctic Climate Forum tentatively set for last week of October 2020
- Working to assign responsibility to each node to provide regional summaries for their area of interest
- Asking each node to contact end-users to present on their uses/needs for climate information

**Estimated Percent Complete:** 50%

### **Interaction with Other Task Teams:**

- None to date

### **What is working well?**

- Collaboration with CCCMA and IICWG members to develop outlook information for Arctic

### **Are there barriers hindering progress?**

- Lack of well-defined procedures for product creation slows process, should be area of increased effort to facilitate knowledge transfer