



Task Team 10

## SEA ICE MODELING AND DATA ASSIMILATION GROUP INTERACTION

Update: 21 September 2020 (Updates in red text)

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### Team Members:

- Thomas Lavergne (MET Norway)
- Lynn Pogson (Canadian Ice Service)

### Summary of Original Task:

#### *Background:*

Starting in Oslo, in May 2007, the first workshop organized by the IICWG Data Assimilation Working Group was held. This workshop brought together international sea ice modeling experts with the objective to advance capabilities for automated sea ice analysis and prediction. Since the first meeting, there have been eight (8) subsequent workshops, the most recent – the 9<sup>th</sup> International Workshop on Sea Ice Modelling, Data Assimilation and Verification – held in Bremen, June 2019. These workshops have been well-organized bottom up driven meeting places for scientists to share information, results, and best practices. However, while the initial impetus for the workshops came from modelers associated with the IICWG, engagement between this group, the workshops, and the IICWG has dwindled in recent years. Thus, the overall goal for this Task Team is to reinitiate and reinvigorate engagement and cross-collaboration between the sea ice modeling community and the operational ice services.

The objectives for this task are:

- To reconnect the IICWG with the Sea Ice Modeling and Data Assimilation Group workshop community in order to help in bringing scientific developments into operations.
- To inform the Group of the operational ice services input and perspectives on needs with respect to automated sea ice analysis and prediction.
- To work with the Group to help frame the agendas for future workshop(s) to realize greater benefit to the operational ice services.

### Status:

- The workshop has been confirmed as planned for October 20-22, 2020. There will be two venues – Toulouse and Montreal – with connection also by video conference.
  - **The workshop has been postponed. As the lead organizers “still wish to favor the physical attendance at this workshop”, they hope to hold “the workshop during the first half of 2021”.**
- Lynn Pogson was asked (and has accepted) to be on the organizing committee. This opportunity will help with achieving the objectives of this TT. Lars-Anders and Thomas Lavergne are also on the committee.



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- By way of our correspondence with the WG organizers, (re)addition of wording to bring back in the operations aspect to one of the workshop themes: “Recent research to sea ice operation transfer- automated prediction systems”.
  - **No agenda due to postponement of workshop.**
- The invitation for the workshop was sent out by the organizers and included many IICWG members. Further, John Falkingham sent another message on behalf of the IICWG Co-Chairs making a special request to Ice Service Heads to include the workshop in staff travel (event) plans.
  - **Based on abstracts summary as of July 1, 2020, only 2 or 3 “Ice Services” submissions.**

### **Next Steps (if any):**

- **Monitor/stay connected with organizing committee on the potential new date(s) in first half of 2021 (TBC).**
- **When the new date(s) and venue(s) determined and announced, contact ice services again encouraging updated and additional submissions.**

**Estimated Percent Complete:** 50%

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

- None, to date.

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

- The DA group organizing committee has been open to IICWG ice services participation.
- Three members of our TT are on the organizing committee.

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

- Ensuring that members/individuals from the ice services contribute, attend, present, and clearly represent the ice services/IICWG and operational aspects.