



**IICWG X
ASRSC ACTION ITEMS
Updated on November 27, 2009**

Applied Science and Research Standing Committee Co-Chairs

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SC8-1 Identify ice service/national Science representatives for all member nations. For those services which do not have Science sections, Heads of Ice Service will be contacted to propose appropriate national representatives as a contact.

- Canada: Roger DeAbreu and Tom Carrieres, CIS.
- Denmark: Leif Toudal Pedersen, DMI
- Finland: Markku Simila, FMI
- Germany: Jürgen Holfort, BSH, Jürgen will ask Wolfgang D
- Iceland: Ingibjörg Jónsdóttir, UI. Anette will contact possible representative from met. office
- Norway: Nick Hughes and Lars-Anders Breivik, Met.no
- Russia: Vasily to identify possible AARI and PLANETA representatives
- Sweden: Anette Jönsson, SMHI and Leif Eriksson, Chalmers
- USA: Pablo Clemente-Colón, NIC

Countries that are not a signatory:

- Argentina: Roger to Contact Beatriz Lorenzo, Argentinean Ice Service
- Australia: Tony Worby, AAD, -- Roger to contact
- China: Liu Yu will ask his boss.
- Japan: Roger to contact Keiji Hamada, Japan Met Agency
- UK: Anette to contact Andrew Fleming at BAS. Done, he accepted.

Responsible: Committee Co-Chairs, and underlined persons above.

Due Date: Ongoing/IICWG XI

SC9-1 Conduct the 3rd Modelling/Data Assimilation Workshop in 2010 and provide workshop report at the IICWG XI Science Workshop. The 2010 workshop will be held at SMHI Norrköping.

Responsible: Tom Carrieres, Lead; Leif Toudal Pedersen, Co-lead

Due Date: Before IICWG XI

SC9-3 Co-ordinate and report on iceberg modelling activities by IICWG members and other groups.

Responsible: Tom Carrieres, Lead; Don Murphy, Co-lead

Due Date: Summary Report to Science Committee September 15, 2010

SC9-5 Investigate and report on short term Ice forecasting models available or under development, their validation, and intercomparison studies and activities.

Responsible: Tom Carrieres, Lead; Anette Jönsson Co-leads

Due Date: Synthesis report delivered to Science Committee 30 days before DA workshop in Sweden.



IICWG X
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- SC9-6 Investigate and report on seasonal Arctic sea ice forecasting methods implemented by the IICWG ice services and other groups.
Responsible: Vasily Smolyanitsky, Lead; Pablo Clemente-Colón and Todd Arbetter, Co-leads
Due Date: Synthesis report delivered to Science Committee April 15, 2010
- SC10-1 To facilitate identification of complementary &/or common activities and areas for collaboration, each national ice service to be requested to identify and prioritize their three top research requirements for the next five years.
Responsible: Science Committee Co-chairs
Due Date: December 2009
- SC10-2 Contact Wolfgang Dierking to investigate IICWG participation in ESA Living Planet Symposium with a session focused on multi-frequency SAR and operational ice applications
Responsible: Roger De Abreu
Due Date: October 31, 2009
- SC10-3 Distribute Technical Note 1-3 of ESA-funded C-CORE Multi-Parameter SAR project to IICWG Science group towards increasing collaboration on multi-frequency SAR studies.
Responsible: Roger De Abreu
Due Date: November 2009
- SC10-4 Distribute final SWIPA definitions of ice extent and ice area to Science and Data Committee.
Responsible: Leif Toudal Petersen
Due Date: When definition is finalized
- SC10-5 Contact NSIDC to help ensure that users of NSIDC's ice extent products are aware that they should not be used to support marine navigation tactically or strategically.
Responsible: Sean Helfrich
Due Date: December 2009
- SC10-6 Develop a control image dataset and testing protocol to investigate the accuracy and bias in the visual estimation of total sea ice concentration. Results will support data assimilation, climate studies, operator training and quality assessment.
Responsible: Leif Toudal Petersen, Lead, and Roger De Abreu, Co-Lead
Due Date: IICWG XI



IICWG X
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- SC10-7 Communicate with Vladimir Ryabinin regarding WMO paper on short term prediction (topic to be confirmed). Ensure that DA meeting in Sweden includes a discussion on the proposed whitepaper
Responsible: Leif Toudal Petersen and Tom Carrieres
Due Date: DA meeting
- SC10-8 Contact Vladimir Ryabinin (WCRP) to investigate a SCOR proposal for multi-year funding for IICWG's DA workshop.
Responsible: Leif Toudal Petersen, Lars-Anders Breivik and Tob Carrieres
Due Date: December 2009
- SC10-9 To raise JAXA's awareness of the operational use and value of PALSAR for operational ice monitoring, provide Leif Eriksson with a slide for inclusion in his presentation at the ALOS PI workshop in Hawaii.
Responsible: Roger De Abreu and Sean Holfrich
Due Date: October 23, 2009
- SC10-10 Contact Penny Wagner to further investigate IICWG involvement in APECS. Also forward IICWG research priorities to APECS for improved visibility of IICWG research priorities in graduate studies.
Responsible: Anette Jönsson
Due Date: January 2010