

3rd Annual



* Meeting Agenda *

Thursday February 20, 2020: 8:30 – 17:00
NASA Goddard Space Flight Center
8800 Greenbelt Road, Greenbelt MD 20771
Building 34, Room W120a/b

Organizer: Linette Boisvert
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Joint NESOSI – PARCA Welcome – **Building 34, Room W150**

8:30 – 8:35	Joe MacGregor	Welcome and Announcements
8:35 – 8:40	Jim Irons	Welcome to NASA Goddard Earth Sciences
8:40 – 9:00	Thorsten Markus	NASA HQ Cryospheric Sciences
9:00 – 9:15	Tom Neumann	ICESat-2 Mission Overview & Status
9:15 – 9:30	Marc Stieglitz	The State of NSF Arctic Research



9:30 - 9:45

*Coffee Break**

***At this time NESOSI participants please next door to room W120a/b**

Begin Remote meeting (9:45 – 17:00):

Remote attendees: Webex Meeting Number:905 913 252; Password: RatueC*6

<https://tinyurl.com/NESOSIm2020> (Please copy and paste into browser)

Please Dial in for audio: 1-844-467-6272; Passcode: 187234

NESOSI Introductions – Building 34, Room W120A/B

9:45 – 9:55	Linette Boisvert	NASA NESOSI Update
9:55 – 10:10	Tania Casal	ESA's Contribution to NESOSI
10:10 – 10:20	Rachel Tilling/ Linette Boisvert	ISSI Antarctic Sea Ice Working Group Update

Field Measurements of Snow on Sea Ice

10:20 – 10:30	Nathan Kurtz	MOSAiC Snow Observation Update
10:30 – 10:45	Joshua King	Local-scale Variability of Snow Density on Arctic Sea Ice
10:45 – 11:00	Ken Jezek	Sea Ice Geophysical Properties Estimated from Low-Frequency Microwave Emission Spectra
11:00 – 11:15	Rachel Tilling	In Situ Radar Experiments over Antarctic Sea Ice
11:15 – 11:30	Discussions & breakout	

Polar Precipitation and Snow on Sea Ice Estimates

11:30 – 11:45	Linette Boisvert	Intercomparison of Precipitation Estimates Over the Southern Ocean from Reanalyses
11:45 – 12:00	Andrew Barrett	An update on Snowmodel snow on sea ice modelling
12:00 – 12:15	Ed Blanchard- Wrigglesworth	Snow on Arctic sea ice in CMIP6 models: early results
12:15 – 12:30	Discussions & Breakout	



12:30-13:45

Lunch

Building 34, 33, 1, 21

Polar Precipitation and Snow on Sea Ice Estimates continued

13:45 – 14:00	Ali Behrangi	Assessment of Satellite Reanalysis Precipitation estimates of snow on Arctic sea ice
14:00 – 14:15	Alex Cabaj	Using Satellite Snowfall Rate Observations to Constrain Estimates of snow on Arctic Sea Ice
14:15 – 14:30	Paul Kushner	Seeking a Credible and Useful Multidecadal Snow-on-Sea Ice Product
14:30 – 14:45	Discussions & Breakout	

ICESat-2 and CryoSat-2

14:45 – 15:00	Alek Petty	Freeboard, snow depth and ice thickness in the early winter 2018 and 2019 from ICESat-2 and NESOSIM
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 15:00-15:30 *Coffee/ Dessert Break* *Deserts provided---maybe.*

ICESat-2 and CryoSat-2 Continued...

15:30 – 15:45	Nathan Kurtz	Incorporating snow and surface roughness into CryoSat-2 retrievals: comparisons with ICESat-2 and IceBridge
15:45 – 16:00	Ron Kwok	Snow Depth from ICESat-2 and CryoSat-2: Progress and Status
16:00 – 16:15	Walt Meier	Lagrangian Tracking of ICESat-2 Sea Ice Freeboard Parcels
16:15 – 16:30	Discussions and Breakout	

16:30 - 17:00 **Outline Findings, Outline Steps Forward (30 minutes)**

Adjourn

 17:30 - ?pm *Join PARCA Poster Session (Building 34, W150) and Reception (Building 34 Lobby)*
~\$20-25 Cash, Venmo (@Linette-Boisvert) or PayPal (mokachewy5@gmail.com)