

International Antarctica InSync Science Webinar

Agenda

15:00-17:00 UTC, Thursday, 22nd May, 2025

<https://esait.webex.com/esait/j.php?MTID=m6131962f082c1054ab218705f4f1be60>

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| 15:00-15:05 | Welcome |
| 15:05-15:20 | Introduction to Antarctica InSync
<i>Stefanie Arndt / Alexander Haumann</i> |
| 15:20-15:30 | Remote sensing
<i>Martin Wearing</i> |
| 15:30-15:40 | Modeling efforts
<i>Torge Martin / Stuart Corney</i> |
| 15:40-15:55 | Q&A |
| 15:55-16:00 | Bio break |
| 16:00-16:08 | Southern Ocean and Antarctic heat, freshwater, carbon and other elements cycles and their response to climate change
<i>Channing Prend / Léa Olivier</i> |
| 16:08-16:16 | Rapid sea-ice decline and its interdisciplinary consequences
<i>Ruzica Dadic</i> |
| 16:16-16:24 | Melting ice sheets and ice shelves and coastal impacts
<i>Felicity McCormack</i> |
| 16:24-16:32 | Improving knowledge and protection of the unique Antarctic life: from land to ocean and into the deep sea
<i>Helena Herr</i> |
| 16:32-16:40 | Anthropogenic signatures in Antarctica: the race against pollution and other pressures
<i>Zhiyong Xie</i> |
| 16:40-16:48 | Aerosol-cloud interactions and radiative feedbacks
<i>Julia Schmale</i> |
| 16:48-16:50 | <i>What is next?</i> |
| 16:50-17:00 | Q&A |