



CAMAS

Consortium for the Advancement
of Marine Arctic Science

2nd Workshop and Early-Career School

April 15–18, 2025 | Seattle, Washington

Agenda

(Draft Mar 19, 2025)

April 15, Tuesday: Early Career School

(in-person only)

8:00 - 8:30 *Registration (NHS Hall)*

8:30 - 9:15 **Welcome and Introduction**

9:15 – 10:15 **Lecture I: Small-scale ocean-sea ice interactions in the Arctic**

Speaker: Georgy Manucharyan (University of Washington)

10:15 – 10:45 *Coffee break*

10:45 – 11:45 **Lecture II: Large-scale ocean-sea ice interactions in the Arctic**

Speaker: Paul Myers (University of Alberta)

11:45 – 12:45 **Lecture III: Changing biogeochemistry of the Arctic Ocean**

Speaker: Laurie Juranek (Oregon State University)

12:45 – 13:45 *Lunch (provided)*

13:45 – 14:45 **Lecture IV: Applying machine learning to Arctic climate modeling**

Speaker: Hansi Singh (Planette AI)

14:45 – 15:45 **Lecture V: Geoengineering and the Arctic**

Speaker: Cecilia Bitz (University of Washington).

16:00 – 17:30 Guided tour of the Center for Urban Horticulture

17:30 – 19:00 Pizza at Merrill Commons

April 16, Wednesday: Workshop Day 1

7:30 – 8:00 Registration

8.00 – 8:45 Welcome, logistics, and introduction

8.45 – 10.15 Topic I: Drivers and impacts of ocean heat and freshwater transport into and out of the Arctic (4 Presentations + discussion)

10.15 – 10.30 Coffee Break

10.30 – 12.00 Topic II: Ocean-ice-atmosphere interactions in a warming Arctic (4 Presentations + discussion)

12.00 – 13.00 Lunch (provided) + group photo

13.00 – 14.30 Topic III: Biophysical impacts of Arctic marine biogeochemistry (4 Presentations + discussion)

14.30 – 14.45 Coffee Break

14.45 – 16.15 Breakout sessions (1.5 hr)

16.30 – 18.30 Poster session I (in person at Merrill Commons) + hors d'oeuvres

April 17, Thursday: Workshop Day 2

8.00 – 8.15 Introduction to Day 2

8.15 – 8.45 Topic TBD

Invited Presentation (20 min) + Discussion (10 min)

8.45 – 9.15 Topic TBD

Invited Presentation (20 min) + Discussion (10 min)

9.15 – 9.45 Topic TBD

Invited Presentation (20 min) + Discussion (10 min)

9.45 – 10.15 Topic TBD

Invited Presentation (20 min) + Discussion (10 min)

10.15 – 10.30 Coffee Break

10.30 – 11.00 Topic TBD

Invited Presentation (20 min) + Discussion (10 min)

11.00 – 12.00 Flash talks for remote participants

12.00 – 13.00 Lunch (provided)

13.00 – 14.30 Breakout sessions (1.5 hr)

14.30 – 14.45 Coffee Break

14.45 – 16.15 Topic IV: Advances in Arctic Marine Modeling (4 Presentations + discussion)

16.30 – 18.30 Poster session II (in person at Merrill Commons) + hors d'oeuvres

April 18, Friday: Workshop Day 3

8.00 – 8.15 Introduction to Day 3

8.15 – 8.45 Topic TBD

Invited Presentation (20 min) + Discussion (10 min)

8.45 – 9.15 Topic TBD

Invited Presentation (20 min) + Discussion (10 min)

9.15 – 10.15 Breakout sessions (1 hr)

10.15 – 10.30 Coffee Break

10.30 – 11.30 Report out of working groups

11.30 – 12.00 Next Steps and Conclusion

Posters

1. List of posters go here.