#### Kristin M. Schild

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## Education

| 2017 | Ph.D. Earth Sciences, Department of Earth Sciences, Dartmouth College              |
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| 2011 | M.S. Quaternary and Climate Studies, Climate Change Institute, University of Maine |
| 2007 | B.A. Psychology, with Physics and Math minors (University Honors), Southern        |
|      | Methodist University   |

## Appointments

| 2025 - present | Associate Professor, University of Maine, School of Earth and Climate Sciences |
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| 2021 - 2025    | Assistant Professor, University of Maine, School of Earth and Climate Sciences |
| 2021 - present | Faculty Associate, University of Maine, Climate Change Institute               |
| 2018 - 2021    | Research Assistant Professor, University of Maine, Climate Change Institute    |
|                | and School of Earth and Climate Sciences                                       |
| 2017 - 2019    | Postdoctoral Research Scientist, University of Oregon                          |

## Five Most Recent Publications \*denotes student-led manuscript

- \*Mannello, M., \*S. Braddock, S.W. Campbell, \*E. Skelton, <u>K.M. Schild</u>, C. McNeil (2025) Constraining snow water equivalent of wet snowpacks in Southeast Alaska. *Ann. Glaciol.*, doi: 10.1017/aog.2025.10014
- Schild, K.M., I. Vañková, D.A. Sutherland, K. McNichols, (2024) Deriving iceberg ablation rates using an on-iceberg ApRES. *Ann. Glaciol.* doi: 10.1017/aog.2024.35
- \*Baratta, S.N.J., <u>K.M. Schild</u>, D.A. Sutherland (2024) llulissat Icefjord Upper-Layer Circulation Patterns Revealed through GPS-Tracked Icebergs. *J. Geophys. Res.:Oceans*, 129, e2023JC020117. doi:10.1029/2023JC020117.
- \*Tavora, J., \*B. Jiang, \*T. Kiffney, \*G. Bourdin., \*P. Gray, L. Sander de Carvalho, \*G. Hesketh, <u>K.M. Schild</u>, L. Faria de Souza, D. Brady and E. Boss (2023) Recipes for the derivation of water quality parameters using the high spatial resolution data from sensors on board Sentinel-2A, 2B and Landsat-5, 7, 8, 9 satellites *J. Remote Sens.* doi:10.34133/remotesensing.0049.
- \*Kindstedt, I., <u>K.M. Schild</u>, D. Winski, K. Kreutz, L. Copland, S.W. Campbell, and E. McConnell (2022) Offset of MODIS land surface temperatures from in situ air temperatures in the Upper Kaskawulsh Glacier region (St. Elias mountains) indicates near-surface temperature inversions. *The Cryosphere*, 16, 3051-3070. doi: 10.5194/tc-16-3051-2022.

#### **Funding**

Awards total \$15.7M including research grants from NASA, NSF, Maine/Alaska Federal Priorities (DOD), Maine Historic Preservation Commission, and University of Maine System

#### Field Experience

Approximately 26 months in glaciated regions on 28 different expeditions from 2008 – 2025 in Greenland, Antarctica, Svalbard, Patagonia, and Alaska.

### Teaching

Geomatics (ERS 301, every fall), Arctic Research Forum (EES 598, every fall), Junior Seminar (EES 390, every other spring), Glaciology (ERS 444/544, every other spring)

# **Arctic Community Positions**

International Glaciology Society (IGS): USA Eastern Correspondent, University of the Arctic: second seat, Northeast Glaciology Meeting (NEGM): Organizing Committee, UMaine Arctic: Steering Committee