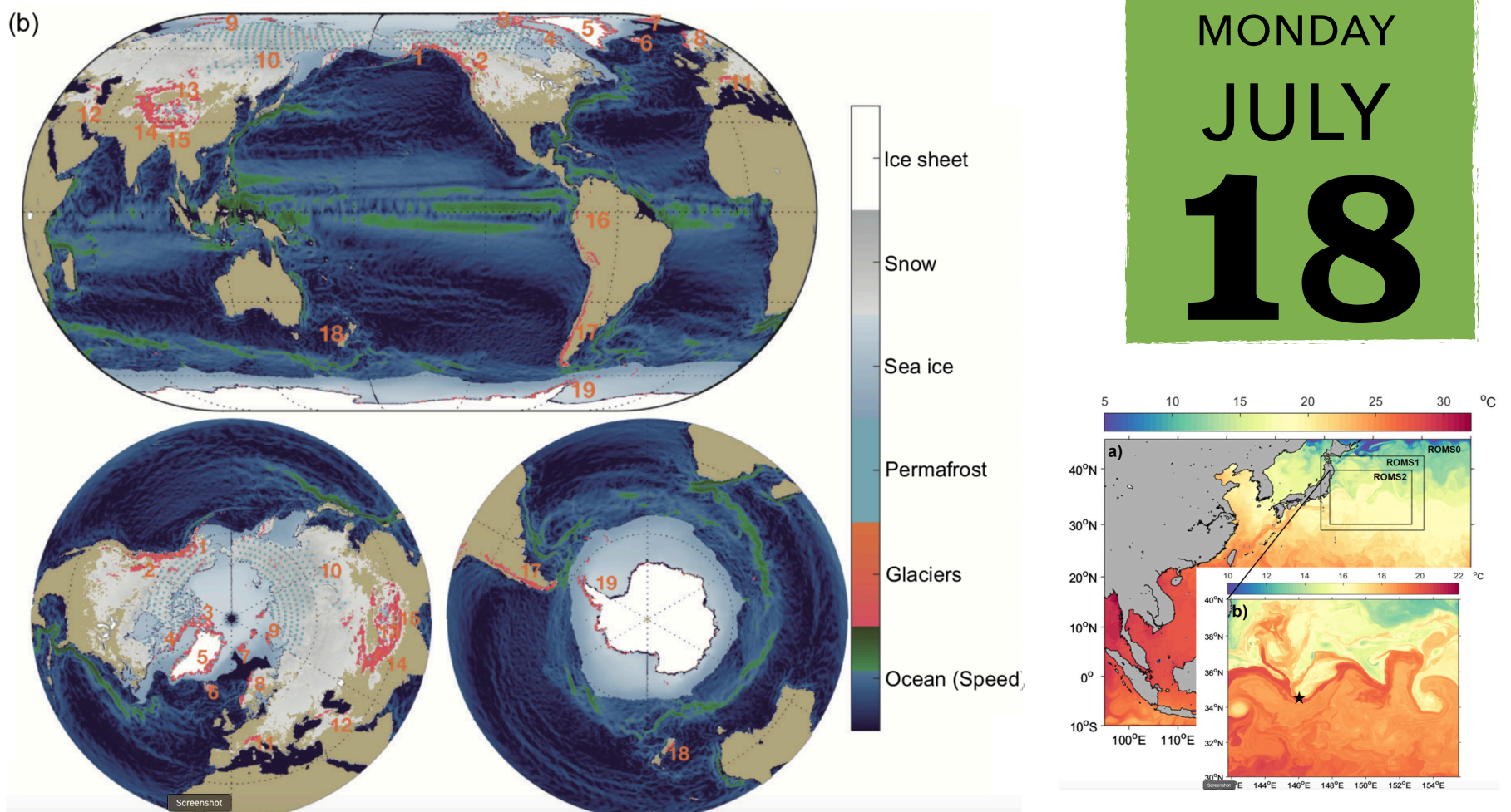


# Climate and Sea Level Change: Are U.N. Trouble?

## A FREE PUBLIC LECTURE



**Monday, July 18th. 7 PM, Room G1B30  
Duane Physics Building. University of Colorado**

There are many aspects of climate change that are now well-known: it's happening, human activities cause it, and some observed changes in many places can already be attributed to it (heat waves, sea level rise, fires, droughts & floods). I will talk about the science behind the best-understood global changes, and what's happened and what's to come in the US. In particular, I'll link what we scientists call "very, very small" phenomena like eddies, turbulence, and cloud microphysics to their impacts on global change. I'll close on some actions we can take locally and globally to avoid or prepare for the worst outcomes and how to see if we're on track.

*Baylor Fox-Kemper is an oceanographer at Brown University and was a Coordinating Lead Author of the "Ocean, Cryosphere, and Sea Level Change" chapter of the UN Intergovernmental Panel on Climate Change's Sixth Assessment Report (August, 2021). He works on models and remote sensing of climate change.*

**Sponsored by the Boulder School for Condensed Matter and Materials Physics, the National Science Foundation, and the University of Colorado Boulder Physics Dept.**

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