



CLIM Program Transition Workshop

May 14-16, 2018

Lecture: *Metrics for Evaluating Sea Ice Models*

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Abstract:

Sea ice models governed by physical equations have been used to simulate the state of the ice including features such as ice thickness, concentration, and motion. Recent satellite observations with high spatio-temporal resolution have also provided unique opportunities to examine ice motion and deformation. These multiple disparate data sources prompted the research questions in our working group: How do we evaluate the skill of models in simulating ice features? How do we identify numerical model parameter space that produces realistic state of the ice? I will discuss an ongoing project that explores some potential methods for validating sea ice models.