

Sea ice emissivity and emitting layer temperature over the Arctic Ocean for assimilating surface-sensitive microwave channels

© 2023. 3. 23.(Thu), 16:00~17:15

© Bldg. 110 Rm. N101

Speaker

Sohn, Byung-Ju
Emeritus Professor, Seoul National University

Abstract

- Data assimilation of satellite microwave measurements is one of the important keys to improving weather forecasting over the Arctic sea ice region.
- Specification of the explicitly calculated radiative boundary condition at the sea ice allows successful use of surface-sensitive MW channels in the data assimilation.
- We expect improved weather forecasting over the Arctic.

The seminar will be in English.