Seminar on
Multi-sensor Land Data Assimilation and Its Value in Seasonal Climate Prediction

Date: May 31, 2018 (Thursday)
Time: 11:30am - 12:30pm
Venue: 902, 9/F, Yasumoto International Academic Park,
            The Chinese University of Hong Kong
Speaker: Professor Zong-Liang Yang
            Department of Geological Sciences, Jackson School of Geosciences
            John A. and Katherine G. Jackson Chair in Earth System Sciences
            Fellow of Dave P. Carlton Centennial Professorship in Geology
            The University of Texas at Austin, Austin, USA

Abstract

Professor Yang's group has developed a multi-sensor multivariate land data assimilation system based on NCAR's community land model and data assimilation research testbed. The system is capable of assimilating observations from multiple satellites including MODIS snow cover extent, GRACE terrestrial water storage change, and AMSR-E snow and soil brightness temperature. Using the assimilation products as initial land conditions, improved seasonal prediction of 2-m air temperature and Asian monsoon rainfall can be demonstrated.

~All are Welcome~