

**Initialized Earth System Prediction
Cross Working Group Session
Tuesday, 20 June 2017**

NCAR – Boulder, Colorado – Center Green Auditorium – Center Bay

>>>> Webcast: <http://www.fin.ucar.edu/it/mms/cg-center-live.htm> <<<<

Goals of session: Inform community about the ongoing Initialized Earth System Prediction efforts within the CESM community; identify science and technical gaps and challenges

10-minute presentations + 2 minutes for a question and transition

1:30 p.m. Gokhan Danabasoglu – Introduction

Initialization

1:42 p.m. Alicia Karspeck – Initialization via ocean / coupled data assimilation

1:54 p.m. Ahmed Tawfik – Land initialization

2:06 p.m. Shang-Ping Xie – Coupled modes and uncertainties in prediction

Subseasonal-to-Seasonal (s2S) Timescales

2:18 p.m. Joe Tribbia / Ben Kirtman – North American Multi-Model Ensemble (NMME)

2:30 p.m. Haiyan Teng – California drought and planetary waves

2:42 p.m. Colin Zarzycki – Hurricane predictions

3:00 p.m. *Break*

3:30 p.m. Yaga Richter – North Atlantic oscillation predictions

3:42 p.m. Louisa Emmons – Air quality prediction

Seasonal-to-Decadal (S2D) Timescales

3:54 p.m. Steve Yeager – Large ensemble climate prediction experiments

4:06 p.m. Jerry Meehl – Predictions focusing on the Pacific

4:18 p.m. Hanli Liu – Predictions with the Whole Atmosphere Community Climate Model (WACCM)

4:30 p.m. Co-chairs – Discussion: Future of initialized predictions as part of Earth System Predictions in CESM; Need for organization and coordination; any gaps that need to be addressed; areas that need more science and technical effort and support

5:00 p.m. *Adjourn*