



NCAR | **ADVANCED STUDY
PROGRAM**

2020 ASP Summer Colloquium

July 6–24, 2020

THE SCIENCE OF SUBSEASONAL TO SEASONAL (S2S) PREDICTIONS

Scientific Leads: Judith Berner (NCAR), Aneesh Subramanian (CU Boulder)

The ASP Summer Colloquium is intended to bring experts from academia and weather prediction centers together with graduate students and early-career scientists to discuss predictions on the subseasonal to seasonal timescale. S2S science bridges the prediction gap between weather and climate and forecasts on this timescale are highly sought after by the energy sector, agriculture, water management and other sectors.

The Colloquium will be held at the **National Center for Atmospheric Research** in Boulder, CO.

A scientific workshop will take place July 13-17, 2020, as part of the Colloquium. Invited speakers will present the latest results and challenges in this fast moving field.

This colloquium is intended for advanced graduate students whose expertise includes atmospheric, Earth system prediction and adjacent sciences. It will feature lectures on the fundamental processes leading to S2S predictability such as the Madden-Julian Oscillation, sudden stratospheric warmings, and interactions with the land and cryosphere. In practical sessions, S2S forecasts will be analyzed.

ASP will fund travel and living expenses for 25 student participants to attend the Colloquium.

For more information about the Advanced Study Program and the 2020 Summer Colloquium, see our website: <https://asp.ucar.edu/asp-colloquia>