



ATOC COLLOQUIUM

Welcome!

Please join us for the next ATOC Colloquium on **Friday, October 4**, from **11:00 AM–Noon** in **SEEL 303**. This week's colloquium features **Cathy Smith** from **NOAA/ESRL PSD** and **CIRES**. Come early for coffee at 10:45 AM; lunch will be served after.

NOAA/ESRL PSD Web-based Weather and Climate Analysis Tools

NOAA/ESRL PSD maintains a collection of datasets useful in climate and weather analysis including atmospheric reanalyses, gridded observed datasets, and climate "index" time-series such as the PNA. Time scales of data range from hourly to annual and some datasets start as far back as the 1700s. This wide range of data variables and time scales enables the investigation of a variety of atmospheric and oceanic phenomena including ENSO, climate change, atmospheric rivers, MJO, extreme events, and more. In collaboration with its scientists, PSD has made available web-based analysis tools that access this data and let researchers, stakeholders, students, and others easily investigate climate and weather processes without downloading data or writing code.



About the ATOC Colloquium

The Department of Atmospheric and Oceanic Sciences Colloquium is held **every other Friday** from **11:00 AM–Noon**, usually in **SEEL 303**. Colloquia will alternate between the following formats: (A) Full-length talk by a faculty member or invited speaker, (B) Three conference-length talks by graduate students. If you would like to nominate a speaker (including self), please email the ATOC Colloquium Committee Chair, Prof. Jan Lenaerts (jan.lenaerts@colorado.edu). Please visit www.colorado.edu/atoc/colloquium for further details and the upcoming schedule.