



# ATOC COLLOQUIUM

## Welcome!

Please join us for the next ATOC Colloquium on **Friday, October 1** from **11:00 AM–12:00 PM**, which will be held in **SEEC S228 and simulcast over Zoom**. This week's colloquium features **Dr. Benét Duncan** from the **Western Water Assessment/CIRES**. Please join us for coffee/conversation beginning at 10:45 AM and stay for lunch from Illegal Pete's afterwards. **In CU buildings, please wear a mask if not actively eating/drinking.**

## Science for What? Developing Usable Climate Science for Decision Makers

Climate science makes discoveries that are critically important to society, but making connections with decision makers can be very difficult. In the southwest US, climate change is contributing to extended and more severe wildfire seasons, long-term drought and aridification, reduced water supply, degraded air quality, and increasing nighttime temperatures. Decision makers are growing increasingly concerned across the political spectrum, and seek more information to guide their decision making. The growing fields of usable climate science and adaptation take an interdisciplinary approach that weaves together social science, climate modeling, hydrology, ecology, and other research areas. They are grounded in the concept of "co-production", in which researchers start with stakeholder needs to identify research questions and inform how research progresses. Based in CIRES at CU Boulder, Western Water Assessment is a NOAA-funded program that conducts user-driven science to build resilient communities and water supplies in the Intermountain West. As a proud ATOC alum, Benét Duncan will share more about usable climate science, Western Water Assessment's recent projects, and her career path from graduate school to applied research with decision makers.



**Location:** SEEC S228 and Zoom

**Zoom:**  
<https://cuboulder.zoom.us/j/95337958306>

**Password:** ATOC

## About the ATOC Colloquium

The Department of Atmospheric and Oceanic Sciences (ATOC) Colloquium is typically held **every other Friday** from **11:00 AM–Noon**. Colloquia 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](mailto:jan.lenaerts@colorado.edu)). Please visit [www.colorado.edu/atoc/colloquium](http://www.colorado.edu/atoc/colloquium) for further details.