



Focus: Natural processes specific to the cold regions of the Earth

Cold regions include areas which are **seasonally or permanently covered by snow and ice**, from the **high mountains to the polar ice sheets and sea ice zones** as well as regions where **ice clouds** that undergo chemistry are found.

# CATCH Open Science Workshop

7-8 December 2019

Berkeley, California (USA)

[https://www.catchscience.org/  
OpenScienceWorkshop](https://www.catchscience.org/OpenScienceWorkshop)

Registration deadline Oct. 11

CATCH aims to engage and support scientists that focus on:

- How physical, chemical, biological, and ecological changes in the polar oceans, sea ice, and snow impact atmospheric chemistry
- How atmosphere-ocean interactions determine atmospheric chemistry
- Understanding feedbacks between cryospheric climate change and atmospheric chemistry
- How aerosols are formed and processed in cold regions
- Aerosols and their role in cloud formation
- Using ice core records to understanding past atmospheric composition