

10th ABoVE Science Team Meeting Summary

The 10th ABoVE Science Team Meeting (ASTM10) was held May 21-24, 2024 in-person at the UCAR Center Green Campus in Boulder, Colorado. In total, there were 156 registered participants for the meeting (107 in-person and 49 virtual). During the meeting, ABoVE Phase 3 project teams provided updates on the current status of their projects, many of which have one final year of research underway. The science-based thematic working groups within ABoVE each provided updates on their synthesis activities and efforts. Additionally, presentations were given by many Research Connections groups associated with ABoVE, such as governments within the ABoVE domain, the Department of Energy Next Generation Ecosystem Experiment-Arctic (NGEE-Arctic), and upcoming Arctic-focused NASA campaigns. ASTM10 included a special panel discussion with some of the creators of the “Signal Fire” film, a documentary for research scientists, institutions, funders and journal publications to work towards improving how we all conduct, communicate and benefit from science research, especially with Indigenous communities. There were also several activities to help attendees connect across career stages such as a luncheon mixer and poster session feedback opportunity for early career researchers. Lastly, the afternoon of the final day included two optional events: a tour of the local National Ecological Observation Network (NEON) facility or a workshop on evaluating carbon flux models with atmospheric observations.