

## **Data Management Challenges and Approaches for Remote Sensing Data Archives**

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The National Snow and Ice Data Center in Boulder, Colorado is a research facility and data archive for a wide range of cryospheric data. It is one of NASA's Distributed Active Archive Centers (DAAC), as well as a host for a variety of NOAA, NSF and DoD data and research. Data products range from large-scale satellite missions to small in-situ and airborne remote sensing campaigns. This presentation will focus on two such efforts: ICESat-2 and Operation IceBridge. It will compare and contrast the differences between these missions, and the impact this has had on how NSIDC deals with the diverse nature of Operation IceBridge, its large range of data products, instruments, processes, and personalities. It will touch on metadata requirements, format standards, differing spatial/temporal resolutions, data access requirements and levels of service.