

# Supporting Arctic Data Access and Interoperability Across Systems

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Arctic data are critical at all scales, from local to global, but access is often stymied due to technical, social, and equity challenges. And yet, with the growth of the Internet, there has never been a better time to enable exchange of information to understand, communicate, and address current environmental challenges. The open data and open science world have enumerated barriers and solutions to technical interoperability and socio-cultural challenges to access, but historically with less emphasis on equity in data access. In this talk, I discuss international data networking efforts through the lens of information needs of local to global communities, and how current data networks have started addressing these needs and are working towards open communities and data system sustainability.