



## Permafrost Infrastructure

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### 7B - Foundations and Infrastructure on Permafrost: Case Studies and Innovations

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42% of Arctic communities and 70% of Arctic infrastructure lie in permafrost, whose temperature has consistently increased in the past four decades. Infrastructure can itself accelerate the thawing of permafrost. Innovative infrastructure and foundation design are needed to meet the challenges of thawing permafrost.

This session welcomes researchers, practitioners, and government officials to share case studies, innovative technologies, and learned lessons and experiences in designing and constructing foundations of civil infrastructures on permafrost.

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