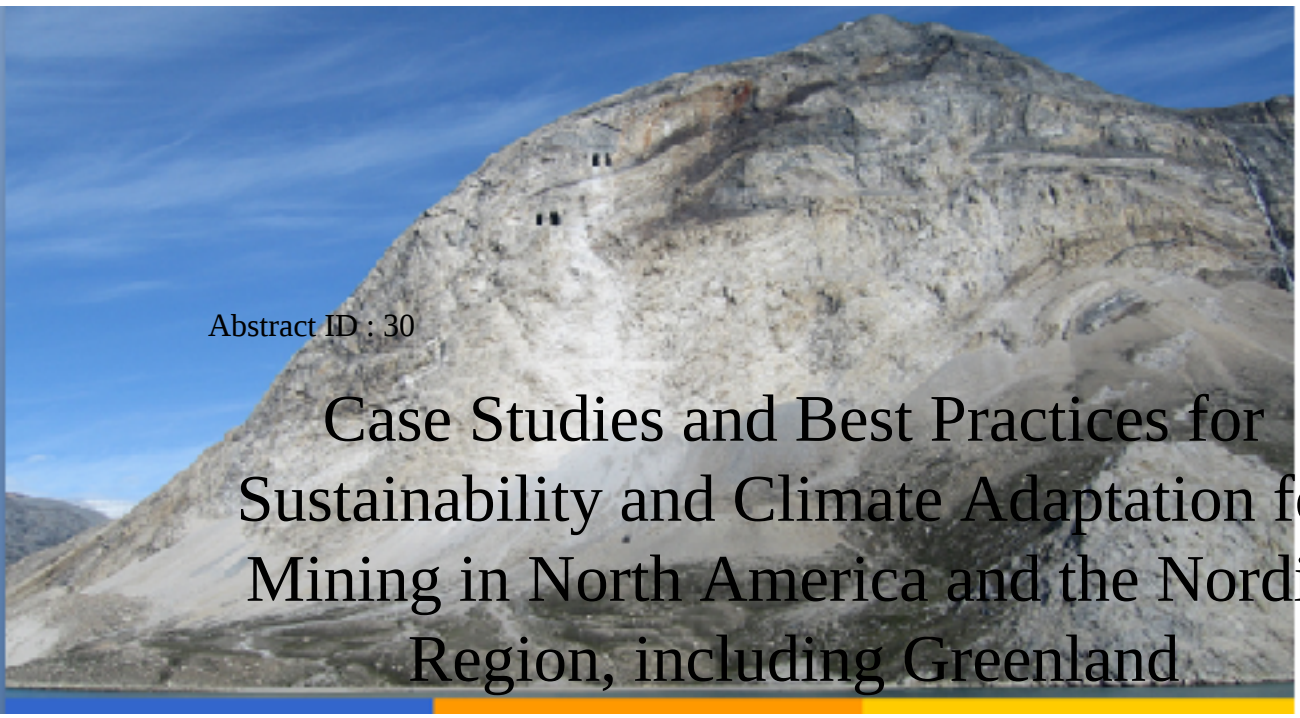
Sustainability in mining in the



Abstract ID : 30

Case Studies and Best Practices for Sustainability and Climate Adaptation for Mining in North America and the Nordic Region, including Greenland

Content :
The Arctic is rich in natural resource potential, with mining and related infrastructure development being one of the largest private sector contributors to economies in the region. Sustainability considerations need to be at the forefront of Arctic resource development. Sustainability, including impacts and adaptation to climate change, should be considered for the mining sector and projects and related infrastructure in the circum-Arctic region.

Mine owners and operators, governments, northern communities, utilities, and non-government organizations can consider sustainability, as well as assess and understand the climate change impacts and vulnerabilities, for mining projects and the mining sector for the circum-Arctic region.

Mining case studies are being developed in participation with governments, mining companies and mining associations. Along with regional and national climate impact assessments, the case studies will be used to analyse and make recommendations for best practices for sustainability and climate adaptation in the mining sector.

The presentation will overview the case studies and best practices for sustainability and climate adaptation for mining and related infrastructures in the circum-Arctic. It will then make recommendations for the global applicability and transferability of these best practices.

More information on this collaborative research is available at http://www.arctic.ucalgary.ca/arctic_resource_development_climate.

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