Executive Summary

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Presenter's Title: Arctic Mars Analogue Svalbard Expedition: Testing Robotic and Human Space Flight Instrumentation in the Arctic
Presenter's Organization/Company: Carnegie Institution of Washington

Presentation Title

Arctic Mars Analogue Svalbard Expedition: Testing Robotic and Human Space Flight Instrumentation in the Arctic

The Arctic Mars Analogue Svalbard Expedition (AMASE) has spent 5 years testing a range of instrumentation for robotic and manned missions to Mars. During this time many lessons have been learned on the applicability of analogue testing to space flight applications. This presentation is a summary of the instrumentation tested and lessons learned.

Key Ideas

Analogue testing is an intrinsically necessary part of space flight instrument and protocol development. The lessons learned during these activities have a direct relevance to the ability for instruments and humans to meet the science goals of exploration.