

Metadata Details

Title

Experiment on Artificial Augmentation of Ablation on the Shelf Ice, Antarctica.

Science Keywords

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|------------------|-------------|
| Category | Cryosphere |
| Topic | Snow/Ice |
| Expedition Year | 1982-1983 |
| ISO Topic | Meteorology |

Summary

Abstract

The melting rate of snow /ice can be changed substantially by altering the albedo of its surface. Such an experiment was carried out on the Antarctic shelf ice during the present expedition using coal dust as the medium resulting in enhanced melting of the ice.

Purpose

The melting rates of snow or ice can be changed substantially by altering the albedo of its surface. Such an experiment was carried out by using coal dust as the medium.

Data Center