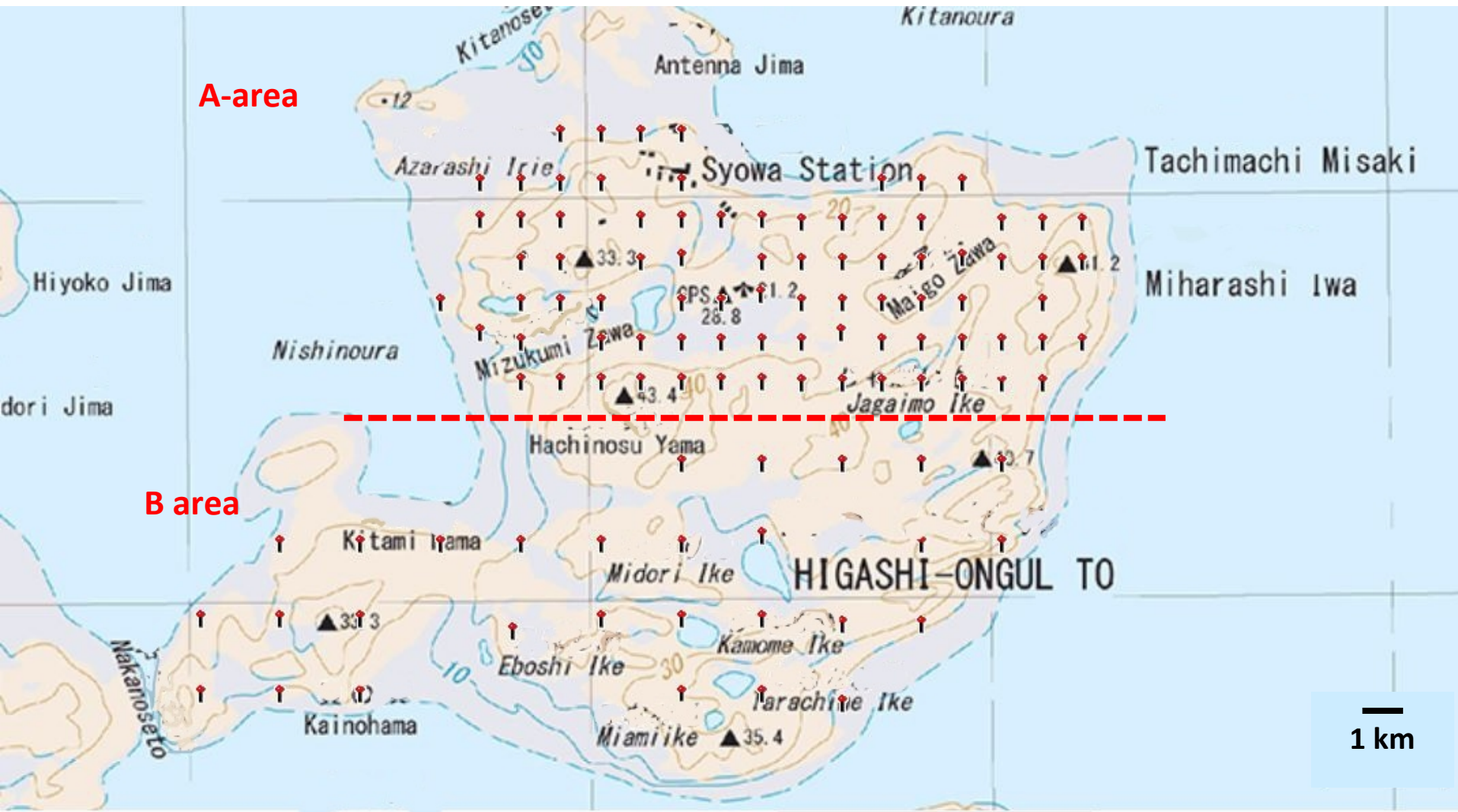


Sampling sites

(a) Lützow-Holm Bay, (b) Ongul Island, (c) Main area of Syowa station.
The digits represent the sampling points of snow, glacier, and ice sheet



Sampling points for soil samples

Ongul Island

East Ongul Island-
Syowa station (snowing)



East Ongul Island-
Syowa station



West Ongul Island



Glacier, Ice sheet

Cape Tottuki



S16



Langhovde glacier

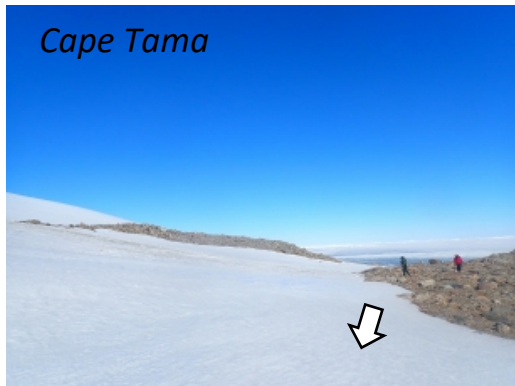


Ice Free, Coastal area

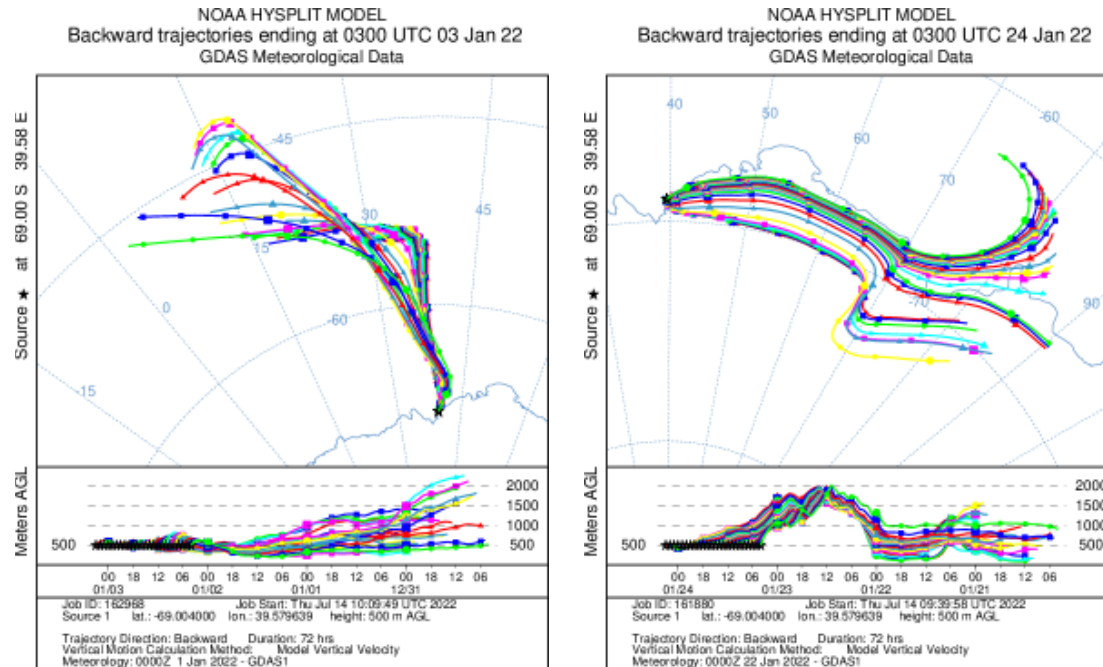
Skallen



Cape Tama



Snow, glacier, ice sheet sampling points



Result of back trajectory analysis with the starting point at Fundamental observation building, Syowa station
(a) January 3, 2022, (b) January 24, 2022