

Title: Observations on effects of arctic haze on ice cloud formation

Field leader: Takashi Shibata

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Programme: Observational study on effects of arctic haze on ice cloud formation

Principal Investigator: Takashi Shibata

Proj. Period: 2013 - 2016

Institution: Nagoya University

Co-research Institution & Scientist (out of JPN):

Field activity planned for 2013

Invest. Area: Ny-Alesund, Svalbard, Norway

Latitude and longitude: 78.9N, 11.9E

Field Period: March to June

Logistics: Ground-based measurements with lidar, cloud radar

Description:

[purpose] In order to investigate the effects of arctic haze on the formation of ice clouds.

[outline] Lidar is installed in the container of Nagoya University at the west of Rabben. Cloud radar is installed in the container of Chiba University at the west of Rabbes as well. Micropulse lidar is placed at AWIPEV Station. These instruments are operated automatically and continuously. The data by the observations are transferred to Japan through the internet.

Participants: T. Shibata (Nagoya Univ.), T. Takano (Chiba Univ.), M. Shiobara (NIPR), S. Iwasaki (NAD), K. Shiraishi (Fukuoka Univ.)

Field activity of previous year

Invest. Area:

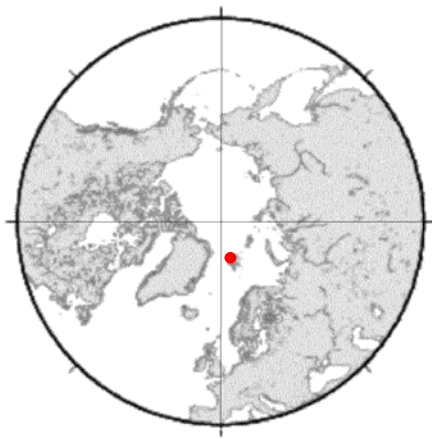
Field Period:

Logistics:

Description:

Number of participants:

Area:



Note: