

Title: Greenhouse gas observations at Ny Aalesund, Svalbard

Field leader: Shinji MORIMOTO

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Programme : Air-sea-ice interaction in the Arctic

Principal Investigator: Hiroyuki ENOMOTO

Proj. Period: 2013 -2015

Institution: National Institute of Polar Research

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

Planned field activity

Invest. Area: Ny Aalesund

Latitude and longitude: 78°55'N, 11°56'E

Field Period: through the year

Logistics: Air sampling

Description:

[purpose] To elucidate temporal variations of the greenhouse gases concentration and their isotope ratio in the Arctic region

[outline] Weekly air sampling at Ny Aalesund and subsequent analyses for concentrations of CO₂, CH₄, N₂O, SF₆ and O₂ and isotope ratios of CO₂, CH₄ and N₂O.

Participants: Shinji Morimoto (NIPR), Shuji Aoki, Takakiyo Nakazawa (Tohoku Univ.)

Field activity of previous year

Invest. Area: Ny Aalesund

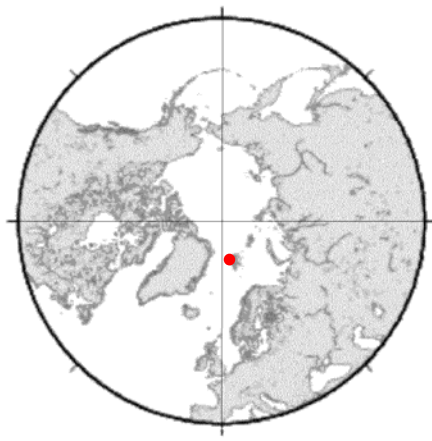
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Description: Weekly air sampling at Ny Aalesund and subsequent analyses for concentrations of CO₂, CH₄, N₂O, SF₆ and O₂ and isotope ratios of CO₂, CH₄ and N₂O.

Number of participants: 6

Area:



Note: