

**Title: Ice mass change of the Greenland ice sheet**

**Field leader:** Shin SUGIYAMA

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**Programme:** Role of Arctic snow, glacier and ice sheet in climate warming

**Principal Investigator:** Hiroyuki ENOMOTO

**Proj. Period:** 2011 - 2015

**Institution:** National Institute of Polar Research

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

**Field activity planned for 2013**

**Invest. Area:** Qaanaaq

**Latitude and longitude:** 77 degree 30 minute North

**Field Period:** July

**Logistics:** snow survey and sampling, snow core drilling, GPS survey, interval camera observation

**Description:**

[purpose] Accumulation measurement, ice flow speed measurement, calving glacier observation

[outline] We perform accumulation rate and flow speed measurements inland of Greenland ice sheet near Qaanaaq. Near the coast, we survey mass balance and flow speed on an ice cap and observe calving glaciers at their calving front.

**Participants:** Shin Sugiyama (Hokkaido University), Sumito Matoba (Hokkaido University), Satoru Yamaguchi (National Research Institute for Earth Science and Disaster Prevention), Daiki Sakakibara (Hokkaido University), Satoshi Matsuno (Hokkaido University), Tetsuhide Yamazaki (), Yumi Nakayama (Asahi Shinbun)

**Field activity of previous year**

**Invest. Area:**

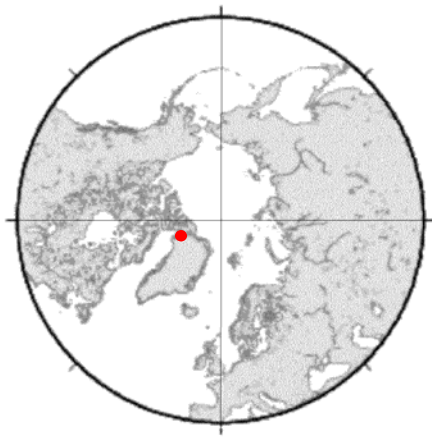
**Field Period:**

**Logistics:**

**Description:**

**Number of participants:**

**Area:**



**Note:**