

Title: Airglow and Auroral Observation in the Canadian Arctic

Field leader: Kazuo SHIOKAWA

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Programme: Airglow and Auroral Observation in the Canadian Arctic

Principal Investigator: Kazuo SHIOKAWA

Proj. Period: 2004 - 2014

Institution: Solar-Terrestrial Environment Laboratory, Nagoya University

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

SRI International, University of Calgary and University of California, Berkeley

Field activity planned for 2013

Invest. Area: Resolute Bay

Latitude and longitude: 74.73N, 265.07E

Field Period: October 2013 - March 2014

Logistics: All-sky cooled-CCD imager

Description:

[purpose] To investigate disturbances in the magnetosphere, ionosphere, thermosphere, and mesosphere through imaging measurements of aurora and airglow

[outline] We observe aurora and airglow using highly sensitive all-sky cooled-CCD imager at Resolute Bay, Canada (near the north geomagnetic pole) to detect 2-dimensional pattern of disturbances in the magnetosphere, ionosphere, thermosphere and mesosphere in the high-latitude polar region.

Participants: K. Shiokawa (STELAB, Nagoya Univ.)、 K. Hosokawa (The University of Electro-Communications)

Field activity of previous year

Invest. Area: Resolute Bay, Canada

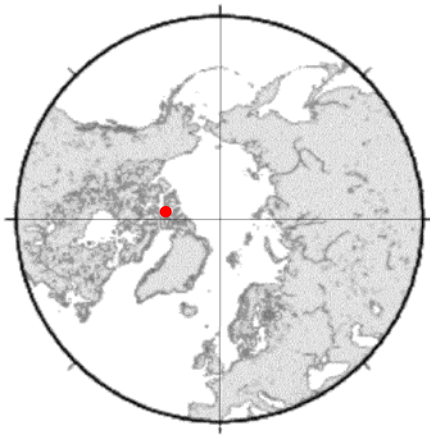
Field Period: Oct.2012 – Mar. 2013

Logistics: All-sky cooled-CCD imager

Description:

Number of participants: 3

Area:



Note: