

Title: Surface and subsurface hydrological-thermal states observations in Alaska

Field leader: Kazuyuki SAITO

Institution: Japan Agency for Marine-Earth Science and Technology

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Programme: Observations on surface and subsurface hydrological-thermal states , and on heterogenic snow distribution and its inter-annual variability in Alaska

Principal Investigator: Konosuke SUGIURA

Proj. Period: 2010 - 2013

Institution: Japan Agency for Marine-Earth Science and Technology

Co-research Institution & Scientist (out of JPN): International Arctic Research Center , University of Alaska , Fairbanks

Field activity planned for 2013

Invest. Area: Fairbanks , Valdez , Kougarak

Latitude and longitude: Fairbanks (64 ° 52' N , 147 ° 51'W),
Valdez (61 ° 04' N , 146 ° 08' W), Kougarak (65 ° 26' N , 164 ° 40' W)

Field Period: Winter

Logistics: thermister , TDR soil moisture analyzer, thermal property probe

Description:

[purpose] Measure , evaluate , and analyze the climatic/latitudinal gradients of hydrological-thermal regimes at the different climatic zones , and improve physical terrestrial models.

[outline] Continuous measurement of snow pack and soil temperature , and soil moisture. Field measurement of thermal property of snow pack and soil

Participants: Kazuyuki SAITO (JAMSTEC)

Field activity of previous year

Invest. Area: Fairbanks , Valdez , Kougarak

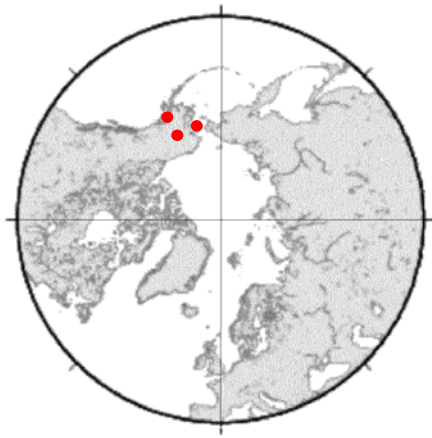
Field Period: Winter (continuous), Summer (field)

Logistics: thermister , TDR soil moisture analyzer, thermal property probe

Description: Continuous measurement of snow pack and soil temperature , and soil moisture. Field measurement of thermal property of snow pack and soil

Number of participants: Seven

Area:



Note: