



QAUYIHAQTAUNIAQTUQ INUNGNUT UQARVIKHAQ

NIRB Titiiqqait Naahauta: 25YN081

Havaap Atia: “Copernicus Expansion Missions Sea Ice Experiment (CEMSIE)”
havaaq

Uyagakhiuqti Atiat: University of Calgary

Havaap Qanurittunia: Research Aviktuqhimayuq: Kitikmeot Region

Public Registry: www.nirb.ca Application No.: 126247

Uqauhikhanut Umikvia: **December 8, 2025**

HAVAAKHAP HIVITUNIA:

Ihumagiyauyuq “Copernicus Expansion Missions Sea Ice Experiment (CEMSIE)” ittuq iluani Kitikmeot aviktuqhimayuq, 15-20 kilometres-nguyunganaqhiuq qanitqiamit nunalingmit Cambridge Bay. The Proponent intends to improve satellite measurements of Arctic first-year sea ice and snow by collecting on-ice and airborne data. The project seeks to enhance climate monitoring, weather forecasting, and northern community safety while integrating Indigenous and local knowledge and producing an open reference dataset for future research.. Aulaniaqhimayut March 2026-mit May 2026-mut. Hivitunia havariayuniaqtup naunaiqtauhimayuq NIRB-kunit ukuninga ilalik imaa:

- Airborne missions: Twin Otter or similar fixed-wing aircraft
- Occasional helicopter use for regional sampling
- Temporary, seasonal setup on landfast FYI ~15 km SW of Cambridge Bay
- In-Situ Snow and Sea Ice Data Collection

Pularlugu NIRB-kut inungnut atiliuriviat qaritauyakkuurvikkut qulaaniitug qinirlugu NIRB Titiiqqanut Naahauta: **25YN081** ilitturiyumaguvit havaakhakkut mighaanut nunaayanik inuillu uqauhiinnik.

TUKHIRAUT UQAUIKHANUT

Tuhaqtittitaqtutit NIRB-kunut ihumagiarnik hamna havaakhak imainmangat:

- ihumaalutauvallaarniarmangat inunnit, huurlu;
- aktumavallaarniaqqat avatimut nakuunngittumik, huurlu;
- aktumavallaarniaqqat nakuunngittumik an’ngutinut Inuillu angunahuarniinnut, huurlu;
- qanurittumik nakuunngittumik aktumayukhaq naunaitpat aktumaniarnia aktumattailiyauttaqqat/ kamagiyauttaqqat ihuaqtumik atuqtauvaktumik.

Ilautjutilgillu nipliqyayuyut aktumattailitjutikhanik ihuarnahuriyamingnik, tuhaqtittitlitiglu NIRB-kunut ikpingnaqtunik turangayunik haffumunga havaakhamat.

TURAQTITTIK

Nunavunmi Avatiliriyitkut haqqitittiut nutaannguqtiqtauhimayumik qaritauyakkuurvingmik inuit qinirhiavikhaannik, ilautjutilgillu pivikhaanik havaariyayunut ilittuqhautikhanik uvvalu tunihivikhamik uqauhikhanik Avatiliriyitkunut uvuuna <http://www.nirb.ca>. Uqauhikhat tuniyauttaqtut huli turaqtitaulutik Avatiliriyitkunut qaritauyakkut uvuuna info@nirb.ca uvuunaluuniit kayumiktuurutikkut (867) 983-2594.

Apirhuutikhaqaruvit nagiqhiyumirumaguvilluuniit havaakhatigut NIRB-kulluuniit qauyihainiatigut, turarvigilugu Viren Nasit, Senior Impact Assessment akiittukkut (867) 983-4603 or vnasit@nirb.ca.