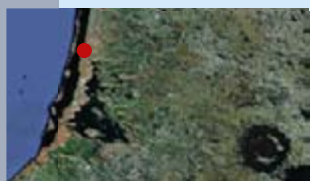
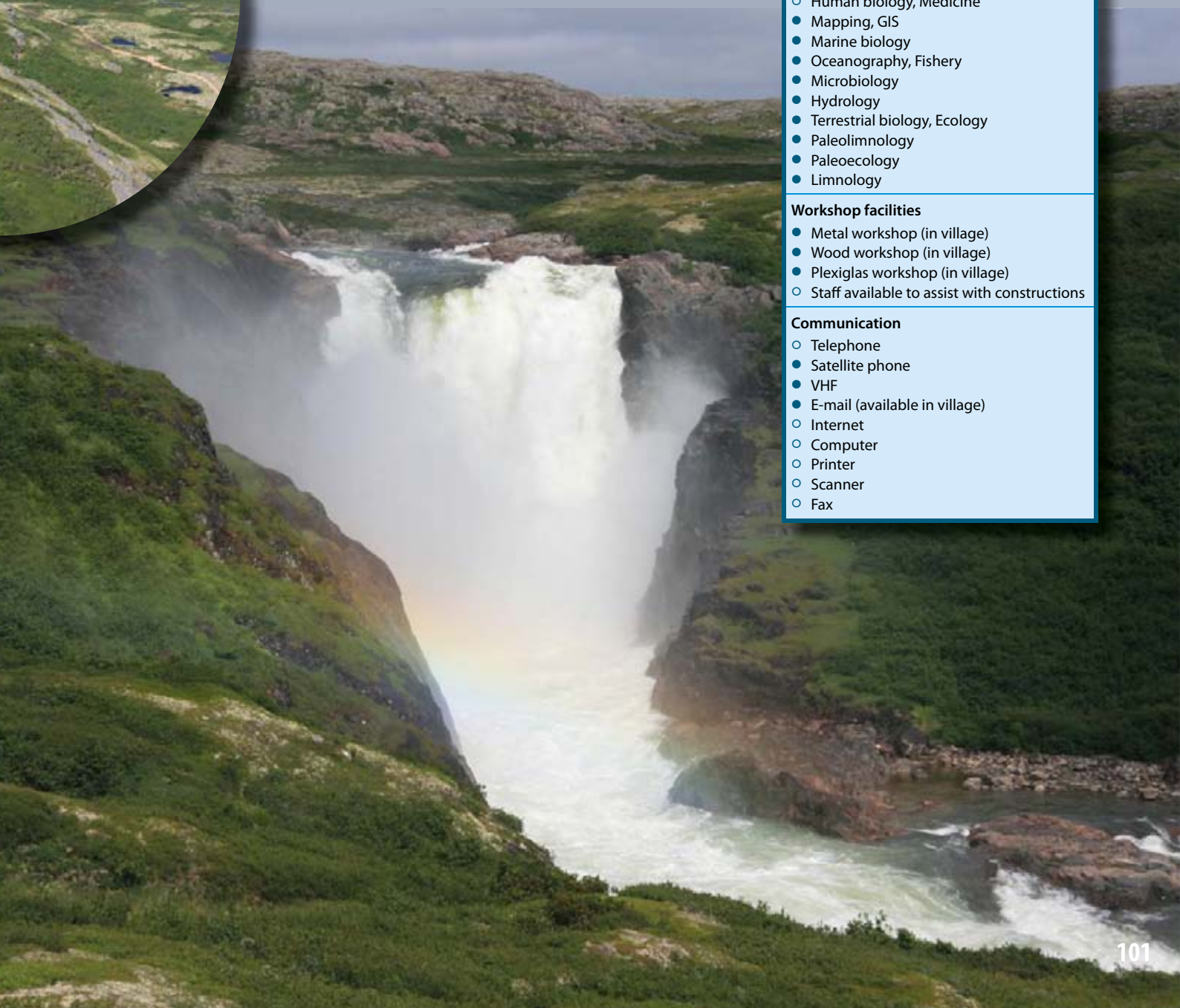


Category	Sub-Category	CEN Umiujaq Research Station
Website		http://www.cen.ulaval.ca/en/page.aspx?lien=stationumiujaq
Country		Canada
Opening year		2011
Operational period		Year-round
Permitting issues categories	Permits required for access to the station Permits required for studies Contact (permit issues)	– – cen@cen.ulaval.ca
Facility owner and manager	Name of the facility owner Owner status Institution responsible for managing the station Contact (access to station) Website (institution)	Centre d'études Nordiques (CEN) Government CEN at Université Laval christine.barnard@cen.ulaval.ca or cen@cen.ulaval.ca www.cen.ulaval.ca
Other institutions	Name Country	Nunavik Research Institute (www.makivik.org) and Annituvik Landholding Corporation –
Location	Geographical coordinates Altitude of station Min. altitude within study area Max. altitude within study area Nearest town/settlement Distance to nearest town/settlement Map	56°33'07" N, 76°32'57" W 5 m a.s.l. 0 m a.s.l. 400 m a.s.l. Umiujaq village (400 inhabitants) 0 km (station in village) Aerial image, Google Earth
Climate	Climate zone	Sub-Arctic
	Permafrost	Discontinuous
	Years measured	Since 1997
	Mean annual temperature	-3 °C
	Mean temperature in February	-22.4 °C
	Mean temperature in July	12.2 °C
	Mean annual wind speed	5.9 m/s
	Max. wind speed	28.3 m/s
	Dominant wind direction	S
	Total annual precipitation	500-600 mm
	Precipitation type	All
	Ice break up	May or June (year dependant)
Station facilities	Area under roof Scientific laboratories Logistic Number of rooms (beds) Number of staff on station (peak/off season) Max. number of visitors at a time Showers Laundry facilities Power supply (type) Power supply	50 m ² 100 m ² Garage 60 m ² 3 rooms (6 beds plus 1 pullout couch), 1 living room, 1 kitchen 0/0 8 to 9 Yes Yes Solar, hydroelectric 24 hours per day
Scientific equipment	Specific device Scientific services offered	Local guides and translators available for hire Access to extensive climate data records
Medical facilities	Medical facilities Medical suite No. of staff with basic medical training or doctor Distance to hospital (estimated time) Compulsory safety equipment Recommended safety equipment	Standard – Yes – community hospital in village In village, 2 staff with basic medical training (45 min. to Puvirnituq by plane) First aid kit, satellite phone Weapon, pepper spray
Landing facilities	Airstrip (Length × Width) Airstrip surface Helipad Ship landing facilities	1174 × 30 (lake: yes) Gravel Yes Port, landing wharf, pier, sledge rental in village
Vehicles at station	Sea transportation Land transportation	–, upcoming 26 foot aluminum Silver Dolphin equipped with bottom mapping ATVs, snowmobiles, 4x4 truck
Transport and freight	Transport to station Number of ship visits per year (period) Number of flight visits per year (period)	Commercial flights 2 (approximately May-June and August-September) Daily (year-round)





Features within study area

● Yes
○ No

- Ice cap or glacier or glacier
- Permanent snowpatches
- Mountain
- Valley
- Shoreline
- Tundra
- Tree line
- Other (Thermokarst lakes, cuestas, permafrost, isostatic uplift, raised beaches, glacial features, landlocked marine species, migrating treeline, deltaic environments)

Main science disciplines

- Anthropology, Sociology, Archaeology
- Astrophysics
- Atmospheric chemistry and physics
- Isotopic chemistry
- Climatology, Climate Change
- Environmental sciences, Pollution
- Geodesy
- Geology, Sedimentology
- Geophysics
- Glaciology
- Geocryology, Geomorphology
- Soil science
- Human biology, Medicine
- Mapping, GIS
- Marine biology
- Oceanography, Fishery
- Microbiology
- Hydrology
- Terrestrial biology, Ecology
- Paleolimnology
- Paleoecology
- Limnology

Workshop facilities

- Metal workshop (in village)
- Wood workshop (in village)
- Plexiglas workshop (in village)
- Staff available to assist with constructions

Communication

- Telephone
- Satellite phone
- VHF
- E-mail (available in village)
- Internet
- Computer
- Printer
- Scanner
- Fax