

北極域研究・観測拠点：カナダ極北研究ステーション（CHARS）における研究について

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Arctic Research/Observation Site: Canadian High-Arctic Station (CHARS) in Cambridge Bay, Nunavut, Canada

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The Canadian High Arctic Research Station (CHARS) is the new research facility in Cambridge Bay, Nunavut, Canada. The station is run by Polar Knowledge Canada, a new federal research organization that combines the mandate and functions of the Canadian Polar Commission and the Canadian High Arctic Research Station (CHARS) program at Indigenous and Northern Affairs Canada (INAC). The new organization is responsible for advancing Canada's knowledge of the Arctic and strengthening Canadian leadership in polar science and technology. The construction of the station is nearly finished; its Field and Maintenance Building is operating already.

There is close cooperation and connection with local community of Cambridge Bay, including the exchange of the information on the research activities planned and running in CHARS. The community is showing strong interest on the scientific findings from the station, and the collaboration between the station and the community is expected in many aspects. CHARS has also started the Long-term Terrestrial Ecosystem Monitoring for the pilot activity, and Experimental and Reference Area is set up ca. 10km away from the station.

The station is open for the international collaboration, welcoming the proposals of joint study and visiting scientists for the field research in the area, installing monitoring instrument, data exchange, etc. In the presentation, authors would like to introduce the facilities and the current situation of CHARS/Cambridge Bay, and discuss the possibilities of future study.



Figure 1. CHARS campus looked from south side.

References

<https://www.canada.ca/en/polar-knowledge.html> (last accessed: 2017/8/1)

<https://www.canada.ca/en/polar-knowledge/constructingstation.html> (last accessed: 2017/8/1)