

CHAQ2020 - Snow Hill Island - Photographic and video data - CHAQ2020 - Snow Hillön - Orthophotos

SND-ID: 2020-128-4. **Version:** 1. **DOI:** <https://doi.org/10.5878/x6zd-7p61>

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Orthophotos (landscape)/Photo Sources/2020-01-13.zip (10.59 GB)
Orthophotos (landscape)/Photo Sources/2020-01-16.zip (13.46 GB)
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Orthophotos (landscape)/Photo Sources/2020-01-20.zip (4.16 GB)
Orthophotos (landscape)/Photo Sources/2020-01-24.zip (4.21 GB)
Orthophotos (landscape)/Photo Sources/Readme_Photo_Sources.txt (447.08 KB)
Orthophotos (landscape)/Readme_Orthophotos_(landscape).txt (1.15 KB)
Orthophotos (landscape)/SnowHillOrthophotos(landscape).zip (1.27 GB)
Orthophotos (monument)/Readme_Orthophotos (monument).txt (405 bytes)
Orthophotos (monument)/SnowHillOrthophotos(monument).zip (268.37 MB)

Download all files

2020-128-4-1.zip (~35.18 GB)

Citation

Westin, J., & Almevik, G. (2021) CHAQ2020 - Snow Hill Island - Photographic and video data - CHAQ2020 - Snow Hillön - Orthophotos (Version 1) [Data set]. University of Gothenburg. Available at: <https://doi.org/10.5878/x6zd-7p61>

Creator/Principal investigator(s)

[Jonathan Westin](#) - University of Gothenburg, Centre for Digital Humanities

[Gunnar Almevik](#) - University of Gothenburg, Department of Conservation

Research principal

[University of Gothenburg](#) - Centre for Digital Humanities

Description

The first Swedish Antarctic Expedition (1901-1903), led by Otto Nordenskjöld, sailed to Antarctica on the ship Antarctic captained by CA Larsen, and established a research station on Snow Hill Island. There six members overwintered and performed paleontological, meteorological, geomagnetic and geological studies, while the rest of the expedition set sail for South Orkney.

After the winter, on the way back to Snow Hill Island, the Antarctic got stuck in the ice and sank. At this point, the expedition members were divided into three groups. One of these overwintered an extra year on Snow Hill Island, whereas the other two groups were forced to build stone huts in order to overwinter at Hope Bay and Paulet Island. An Argentinean vessel, the Corbeta Uruguay, rescued the expedition in November 1903.

CHAQ 2020 is an Argentinean-Swedish project with fieldwork in the area around the Antarctic Peninsula aiming to investigate and document the historical remains of the first Swedish South Polar expedition under the leadership of Otto Nordenskjöld 1901-1903. The material was collected in January and February 2020.

This catalogue entry collects the photographic material, the panoramas, and the drone videos from Snow Hill Island.

The dataset includes orthophotos of the winter station's eastern façade, as well as the coastline both from above and from the west. The orthophotos were created with Agisoft Metashape and structure-from-motion photography taken with a DJI Phantom 4, and Fujifilm X-T2 camera between January 12 and 19, 2020.

Data contains personal data

No

Language

[English](#)

Time period(s) investigated

[20th century - 21th century](#)

1902-01-01 - 2020-02-10

Data format / data structure

[Still image](#)

[Geospatial](#)

Type of archaeological investigation

[Watching brief](#), [Archaeological field evaluation](#), [Planning basis](#)

Type of archaeological remains

[Feature](#), [Buildings](#), [Settlement remnants](#), [Building remains](#)

Geographic spread

Geographic location: [Antarctica](#)

Geographic description: The documentation was gathered at Snow Hill Island, Seymour Island (Marambio), and Hope Bay.

Responsible department/unit

Centre for Digital Humanities

Contributor(s)

Kati Lindström - KTH Royal Institute of Technology, Department of Philosophy and History, Division of History of Science, Technology and Environment

Dag Avango - Luleå University of Technology, Business Administration, Technology and Social Sciences, Division of Social Sciences

University of Gothenburg
Luleå University of Technology
KTH Royal Institute of Technology
Swedish National Heritage Board

Commissioning organisation

Swedish National Heritage Board

Research area

[History and archaeology](#) (Standard för svensk indelning av forskningsämnen 2011)

[Structure](#) (INSPIRE topic categories)

Keywords

[Antarctica](#), [Antarctic region](#), [Archaeological site](#), [Polar expeditions](#), [Nordenskjöld, otto, 1869-1928](#), [Swedish antarctic expedition, 1901-1904](#)

Publications

Almevik, G., Avango, D., Contissa, V., Fontana, P., Lindström, K., & Westin, J. (2021). Built cultural heritage in Antarctica : remains and uses of the first Swedish SouthPolar expedition 1901–1903. Riksantikvarieämbetet. <http://urn.kb.se/resolve?urn=urn:nbn:se:raa:diva-6230>

ISBN: 978-91-7209-891-6

URN: <urn:nbn:se:raa:diva-6230>

If you have published anything based on these data, [please notify us](#) with a reference to your publication(s). If you are responsible for the catalogue entry, you can update the metadata/data description in DORIS.

Polygon (Lon/Lat)

-59.915108267717, -62.532594345486

-59.915108267717, -65.146114847564

-54.144495800247, -65.146114847564

-54.144495800247, -62.532594345486

-59.915108267717, -62.532594345486

Accessibility level

Access to data through SND

Data are freely accessible

Use of data

[Things to consider when using data shared through SND](#)

License

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Versions

Version 1. 2021-03-02

Homepage

[A portal to the material that was collected during the research expedition 2020 to the remains from Nordenskjöld's expedition 1901-1903](#)

Contacts for questions about the data

Gunnar Almevik

gunnar.almevik@conservation.gu.se

Jonathan Westin

jonathan.westin@lir.gu.se

Related research data in SND's catalogue

[CHAQ2020 - Snow Hill Island - Photographic and video data - CHAQ2020 - Snow Hill Island - Panoramas](#)

[CHAQ2020 - Snow Hill Island - Photographic and video data - CHAQ2020 - Snow Hill Island - Videos](#)

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