

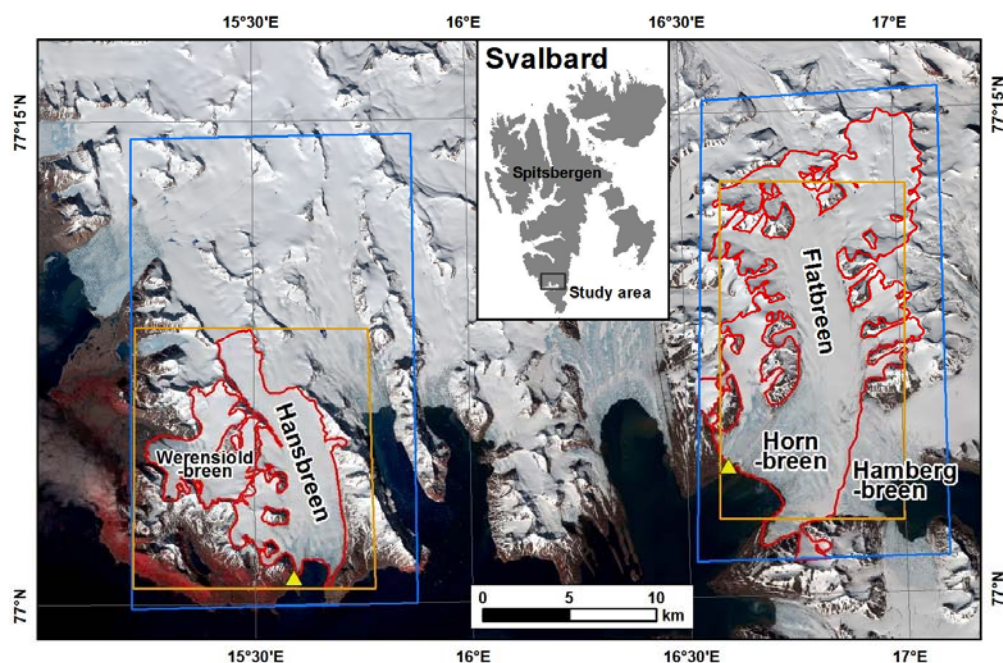
Digital elevation models from VHRS – Hansbreen, Werenskioldbreen and Hornbreen

Data available on request.

Contact: Małgorzata Błaszczyk (University of Silesia, Poland) malgorzata.blaszczyk@us.edu.pl

Detailed description of the source data and accuracy can be found in: Małgorzata Błaszczyk, Dariusz Ignatiuk, Leszek Kolondra, Mariusz Grabiec, Michał Laska, Bartłomiej Luks, Leo Decaux, Mateusz Czapla, Etienne Berthier, Barbara Barzycka, Jacek Jania. *Application of digital elevation models produced from satellite and aerial images to estimation of geodetic mass balance over southern Spitsbergen* (In press).

Glacier	DEM source	Acquisition date
Hansbreen & Werenskioldbreen	WorldView-2	2015.08.21
	Pléiades 1A	2017.08.20
Hornbreen	WorldView-2	2012.08.15
	Pléiades 1B	2017.08.02



The DEMs extent. The orange outlines represent the extent of WorldView-2 stereo pairs, blue outlines present the extent of Pleiades stereo pairs. Yellow triangles indicate the position of the GCPs measured by dGPS and used to generation of digital surface model. The black rectangle on the overview map shows the location of the area within the Svalbard Archipelago. Background: Sentinel-2 image, 2018.07.06.