"Geological map of James Ross Island – Northern part 1 : 25,000" underwent the approbation in April 2018 and will be published by the Czech Geological Survey in the second half of 2018.
2 UAV’s were used during the Czech Antarctic Expedition 2018/2019 to the Johann Gregor Mendel Station on James Ross Island to map braidplain channel changes of local streams; periglacial phenomena such as sorted polygon and stripes, nivation hollows, solifluction lobes and rock glaciers; surface changes of local land-terminating glaciers

3 dGNSS measurements of surface changes of local land-terminating glaciers and points for UAV-captured data for S-f-M and orthophotographs

4 Mass balance changes of local land-terminating glaciers for 2009–2015 published by Engel et al., 2018 Journal of Glaciology

![Fig. 6. Cumulative surface mass balance (in m w.e.) on Whisly Glacier (a) and Davies Dome (b) over the 2009–2015 period.](image-url)
Fig. 10. Surface mass-balance records for the glaciers around the northern Antarctic Peninsula. Data adopted from Mavlyudov (2016), WGMS (2017) and this study.