

Geodetic and Photogrammetric Monitoring of Tschadinhorn Rock Glacier (Schober Mountains, Austria)

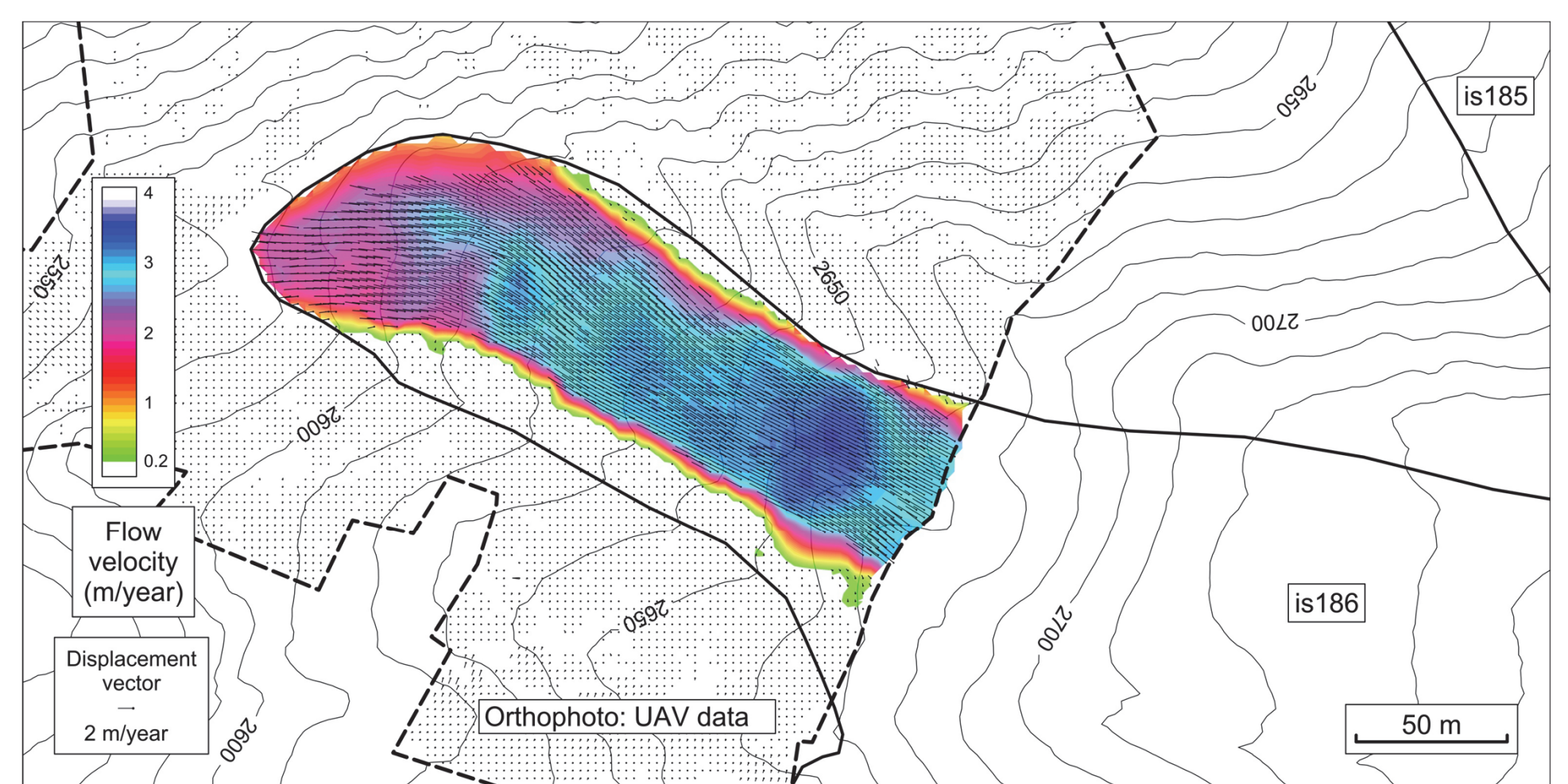
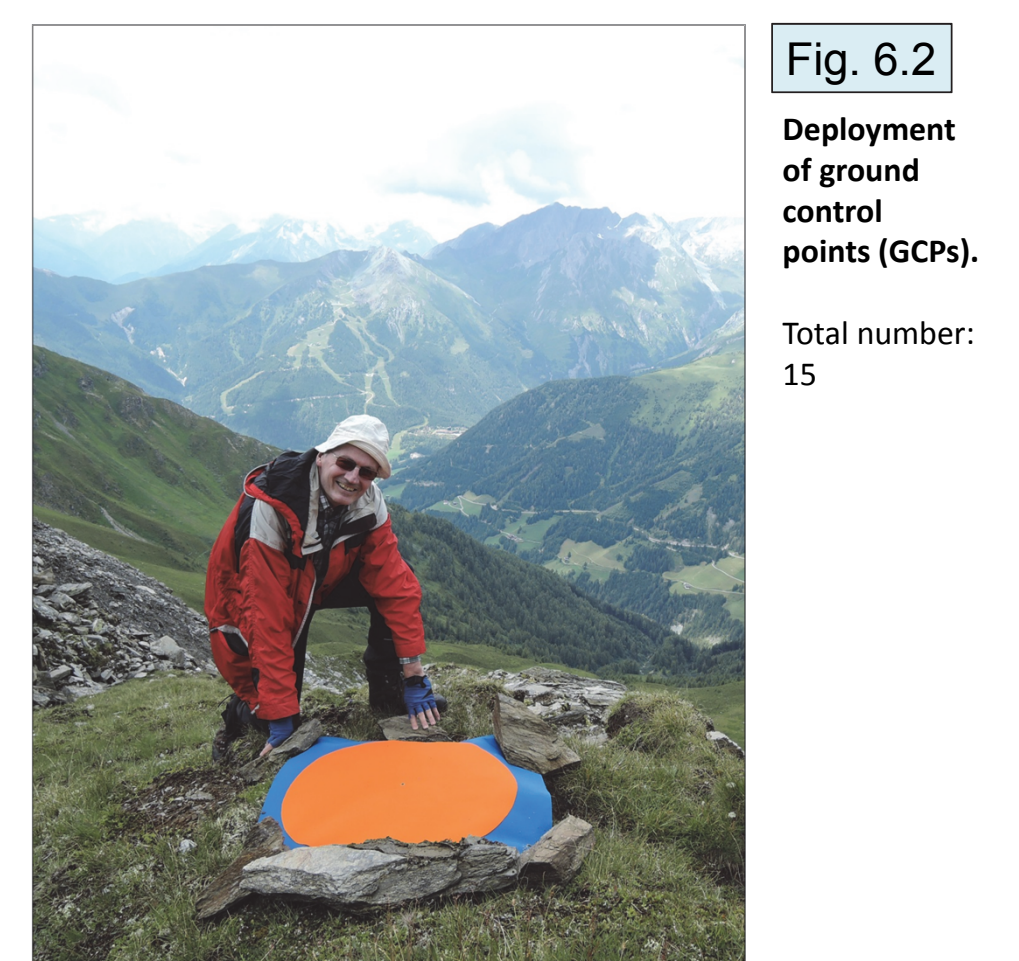
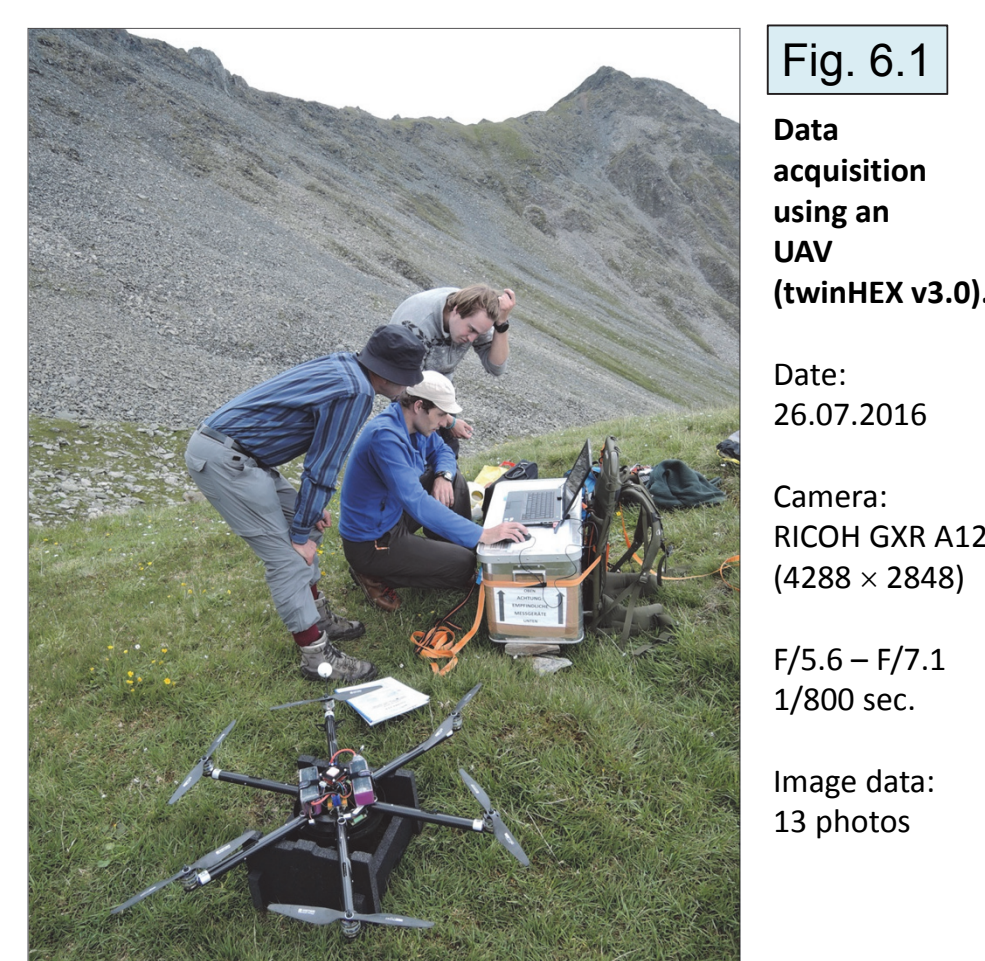
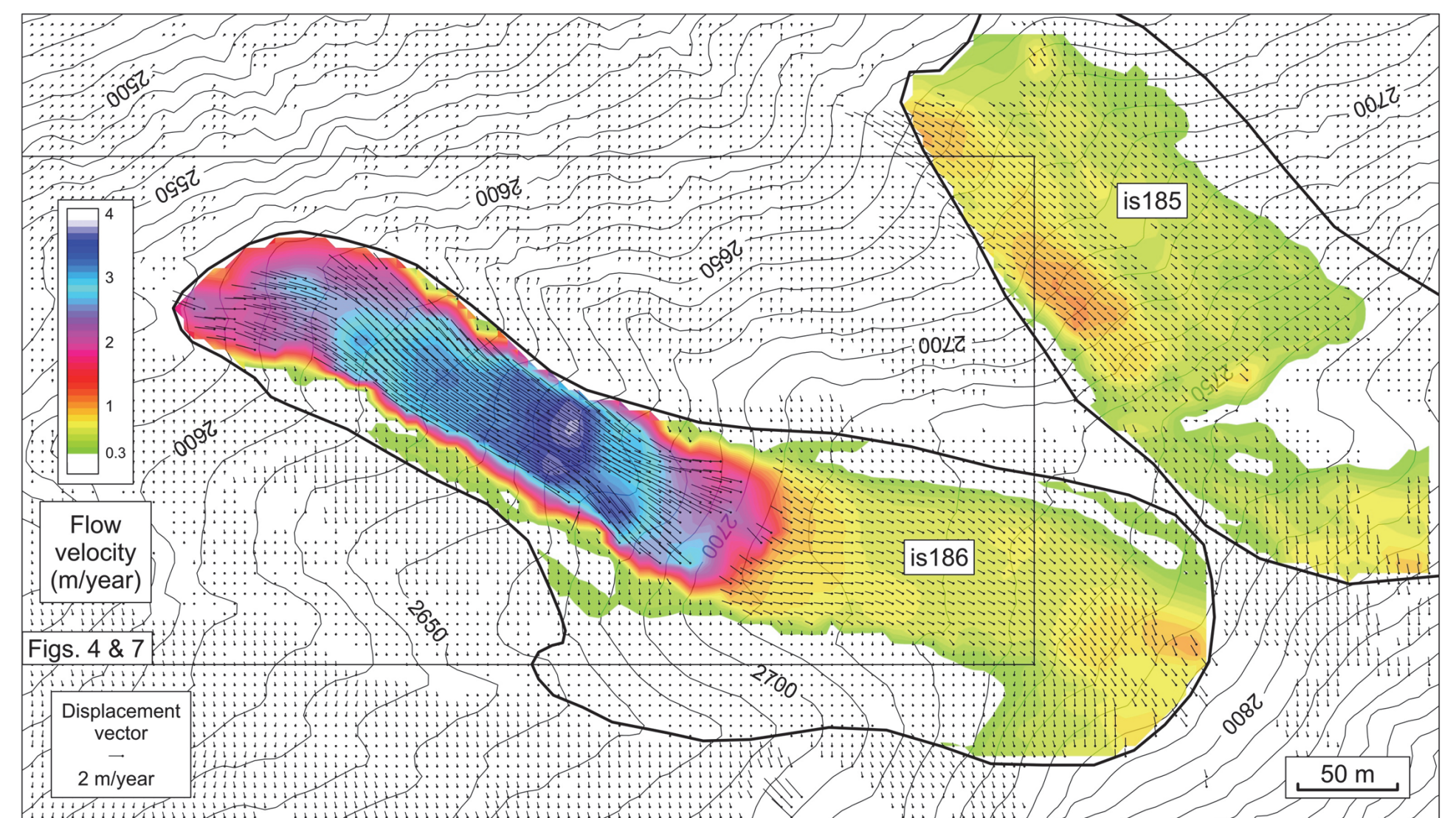
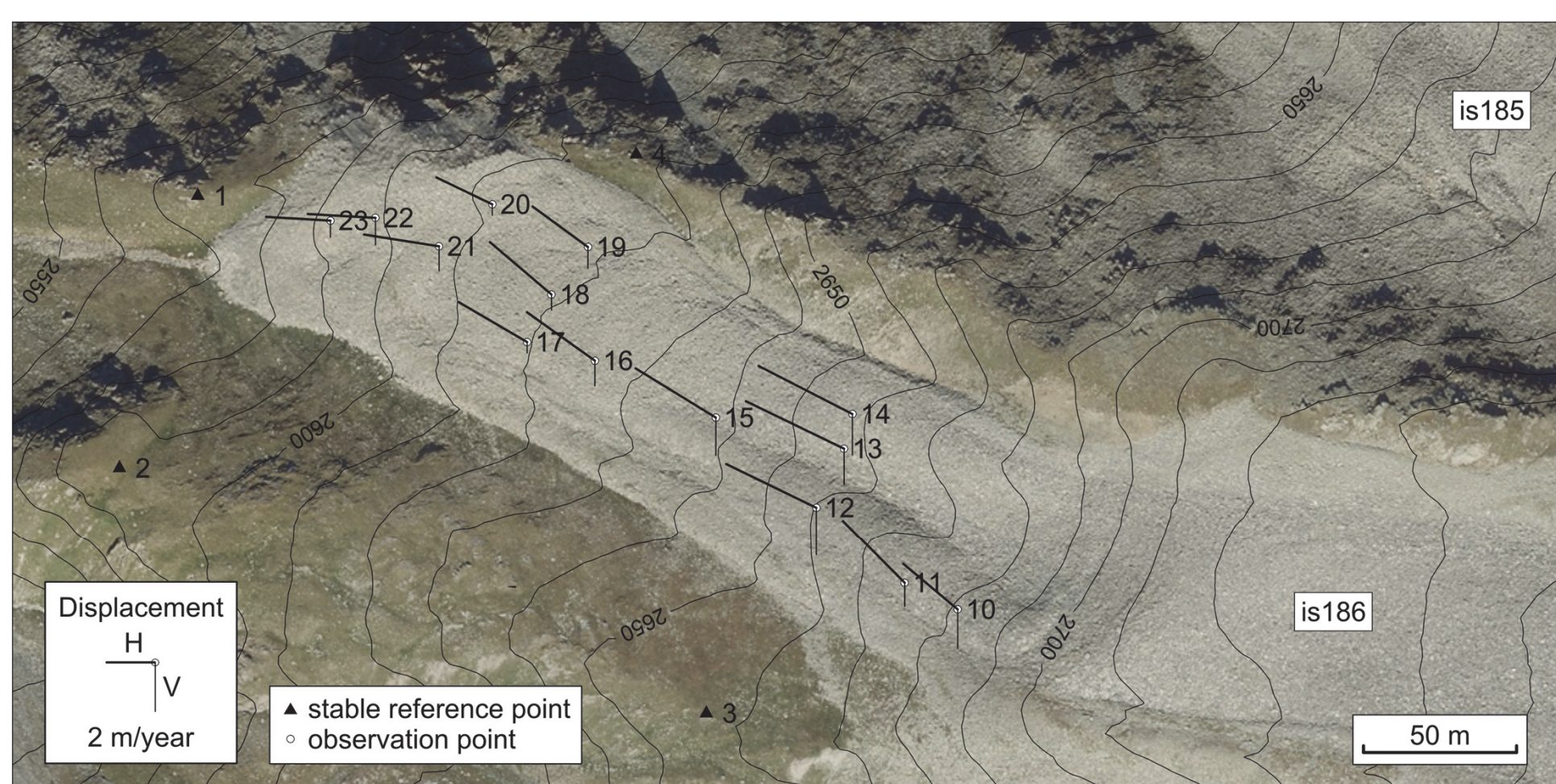
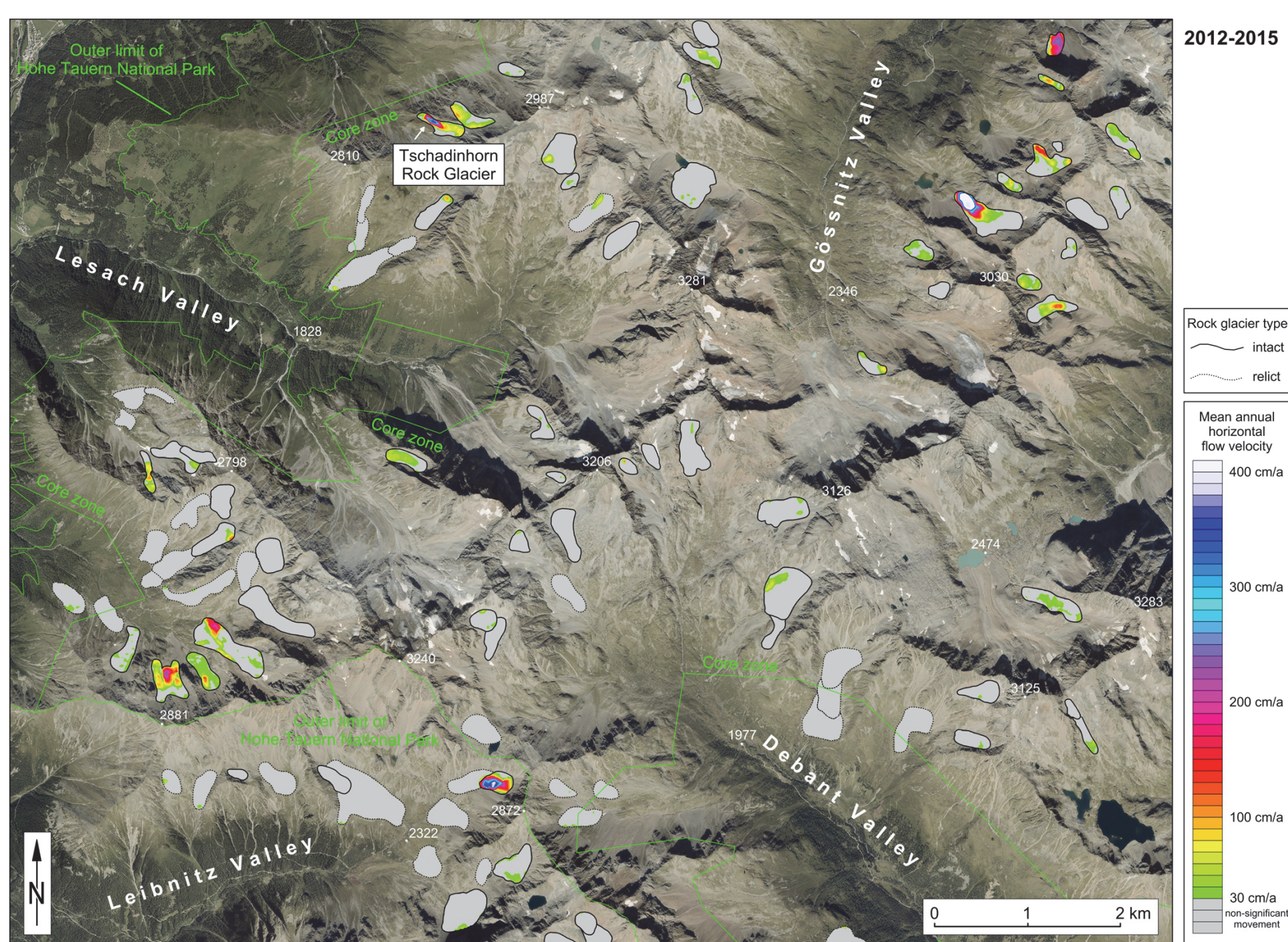
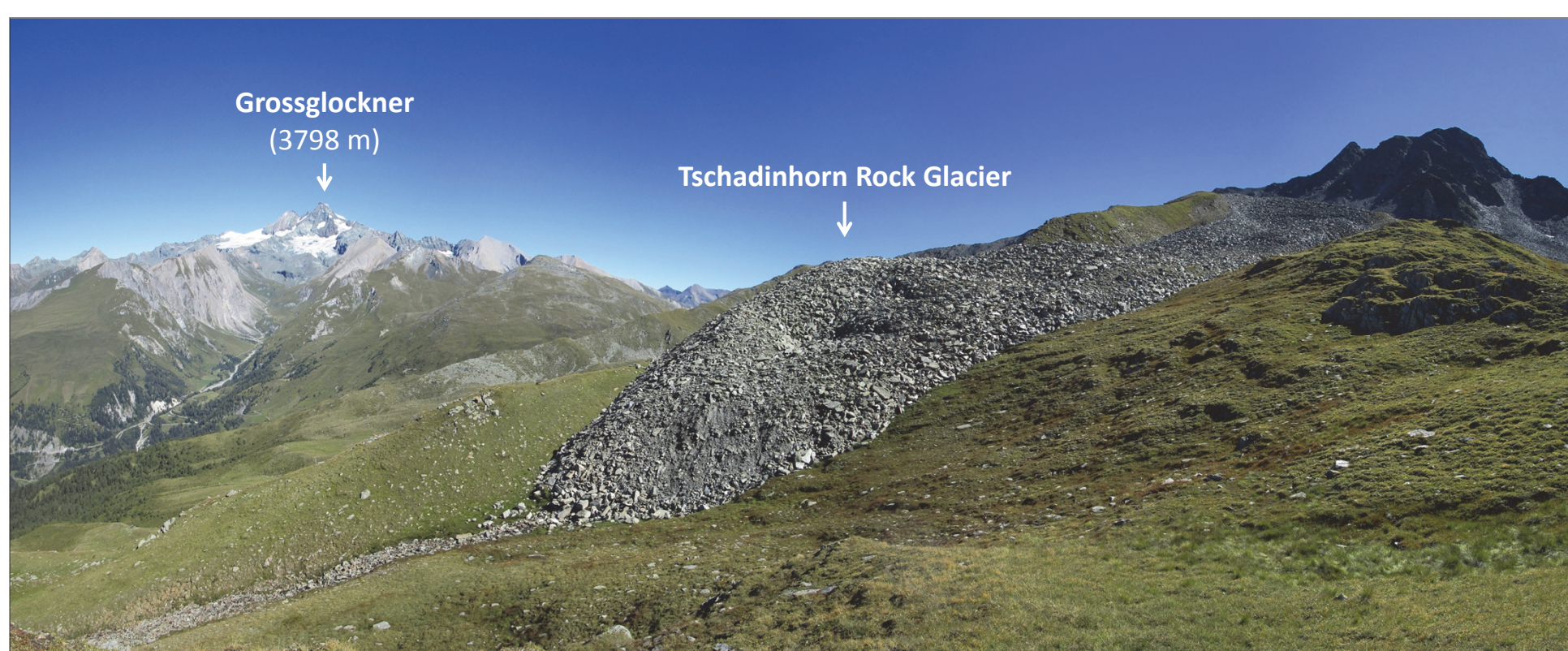
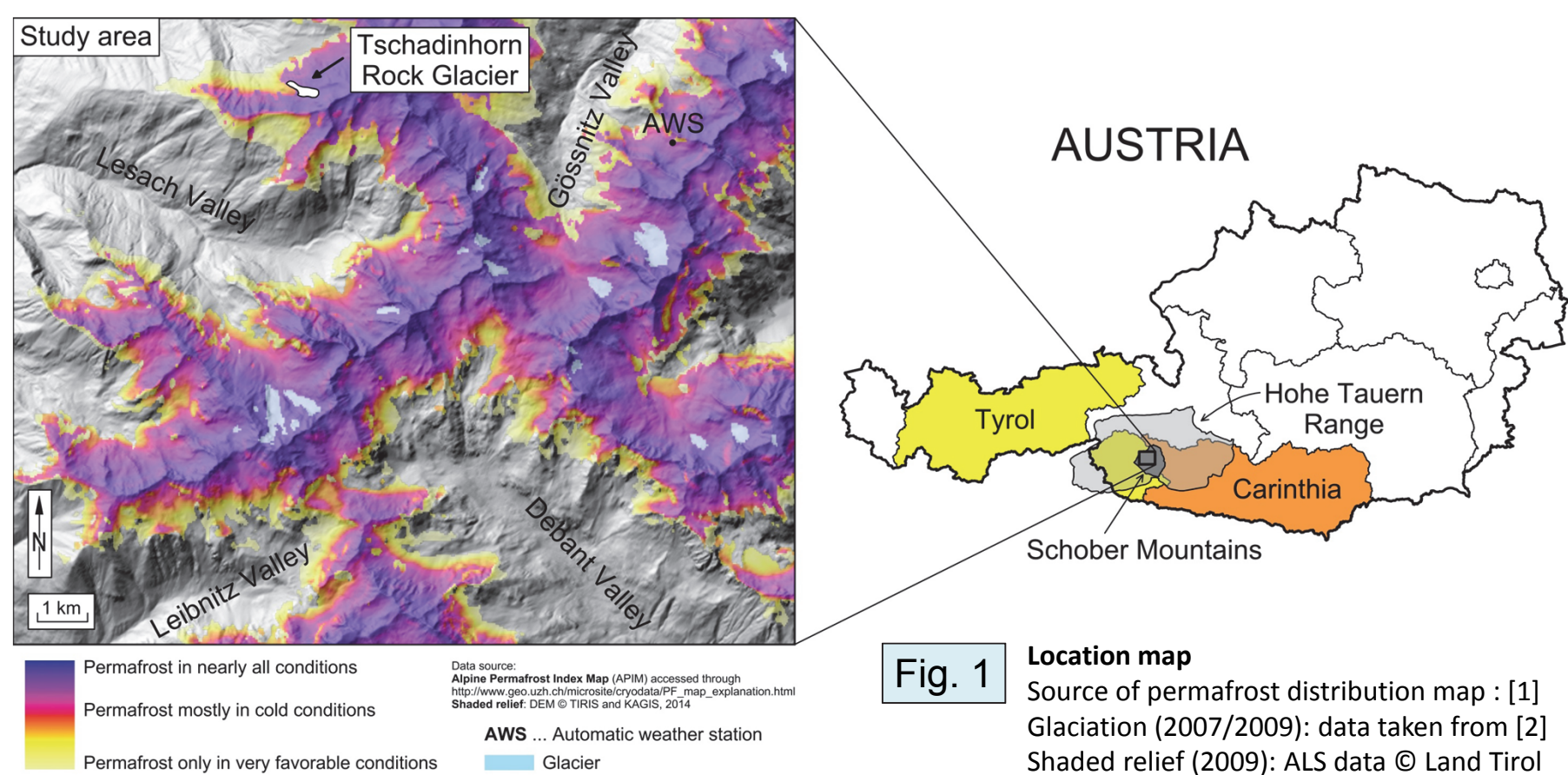
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Tab. 1 Horizontal flow velocity of Tschadinhorn Rock Glacier for the time period 2014-2016 derived from RTK-GNSS measurements.

Time period	Horizontal flow velocity (m/year)			
	Minimum	Maximum	Mean value	Change
2014-2015	2.40	4.23	3.18	
2015-2016	2.23	3.47	2.78	-13 %

Tab. 2 Horizontal flow velocity of Tschadinhorn Rock Glacier for the time period 2002-2016 derived from photogrammetric measurements.

Time period	Horizontal flow velocity (m/year)			
	Minimum	Maximum	Mean value	Change
2002-2006	0.68	1.23	0.97	
2006-2009	0.49	1.04	0.78	-20 %
2009-2012	1.02	1.97	1.62	+109 %
2012-2015	1.73	3.72	3.01	+86 %
2015-2016	3.13	3.56	2.91	-3 %

References:

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