



Corrigendum to

“Region-wide glacier mass balances over the Pamir-Karakoram-Himalaya during 1999–2011” published in The Cryosphere, 7, 1263–1286, 2013

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In Table 5 of our article “Region-wide glacier mass balances over the Pamir-Karakoram-Himalaya during 1999–2011” (The Cryosphere, 7, 1263–1286, 2013), for Hengduan Shan, we erroneously gave values for the region-wide mass balance and the study period of “ -0.22 ± 0.14 m w.e. yr⁻¹” and “1999–2010”, respectively. The correct values are “ -0.33 ± 0.14 m w.e. yr⁻¹” and “1999–2011”.

The corrected Table 5 is reproduced on the next page.

Table 5. Comparison of geodetic mass balances between this study and previous published results with overlapping study periods and similar geographic locations. Updated figures from Käab et al. (2012) are averaged over $3^\circ \times 3^\circ$ cells centered over the study sites of the present study.

Glacier/Site name	This study			Bolch et al. (2011) 2002–2007		Nuimura et al. (2012) 2000–2008	Käab et al. (2012, updated) 2003–2008
	Study period	Mass balance (m w.e. yr ⁻¹)	Area (km ²) ^a	Mass balance (m w.e. yr ⁻¹)	Area (km ²)	Mass balance (m w.e. yr ⁻¹)	Mass balance (m w.e. yr ⁻¹)
Hengduan San Bhutan	1999–2011 1999–2010	-0.33 ± 0.14 -0.22 ± 0.12	1303 (55 %) 1384 (64 %)				-0.52 ± 0.16^b
Everest		-0.26 ± 0.13	1461 (58 %)				-0.39 ± 0.11
AX010		-0.90 ± 0.34	0.4				
Changri Shar/Nup		-0.42 ± 0.17	16.1 (79 %)	-0.29 ± 0.52	13.0	-0.55 ± 0.38	
Khumbu		-0.51 ± 0.19	20.3 (47 %)	-0.45 ± 0.52	17.0	-0.76 ± 0.52	
Nuptse		-0.37 ± 0.20	5.0 (74 %)	-0.40 ± 0.53	4.0	-0.34 ± 0.27	
Lhotse Nup		-0.21 ± 0.27	2.4 (70 %)	-1.03 ± 0.51	1.9	-0.22 ± 0.47	
Lhotse	1999–2011	-0.43 ± 0.18	8.5 (83 %)	-1.10 ± 0.52	6.5	-0.67 ± 0.51	
Lhotse Shar/Imja		-0.70 ± 0.52	9.8 (44 %)	-1.45 ± 0.52	10.7	-0.93 ± 0.60	
Amphu Laptse		-0.46 ± 0.34	2.5 (38 %)	-0.77 ± 0.52	1.5	-0.18 ± 0.94	
Chukhung		+0.44 ± 0.24	4.2 (47 %)	+0.04 ± 0.54	3.8	+0.43 ± 0.81	
Ama Dablam		-0.49 ± 0.17	3.6 (54 %)	-0.56 ± 0.52	2.2	-0.56 ± 0.73	
Duwo		-0.16 ± 0.26	1.9 (18 %)	-1.96 ± 0.53	1.0	-0.68 ± 0.74	
Total Khumbu (10 Glaciers above)		-0.41 ± 0.21	74.4	-0.79 ± 0.52	61.7	-0.45 ± 0.60	
West Nepal	1999–2011	-0.32 ± 0.13	908 (40 %)				-0.32 ± 0.12
Spiti Lahaul	1999–2011	-0.45 ± 0.13	2110 (46 %)				-0.38 ± 0.06
Karakoram East	1999–2010	+0.11 ± 0.14	5328 (42 %)				-0.04 ± 0.04
Karakoram West	1999–2008	+0.09 ± 0.18	5434 (45 %)				-0.20 ± 0.06
Hindu Kush	1999–2008	-0.12 ± 0.16	793 (80 %)				-0.20 ± 0.06
Pamir	1999–2011	+0.14 ± 0.13	3178 (50 %)				

^a The total glacier area is given in km² and in parenthesis, the % of the glacier area actually covered with measurements.

^b For this cell, the ICESat coverage is insufficient and does not sample all glacier elevations.