

# Glacier changes on the Tibetan Plateau derived from La

Journal of Glaciology

63, 273-287

DOI: [10.1017/jog.2016.137](https://doi.org/10.1017/jog.2016.137)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Massive collapse of two glaciers in western Tibet in 2016 after surge-like instability. <i>Nature Geoscience</i> , 2018, 11, 114-120.	5.4	189
2	Glacier variations at Aru Co in western Tibet from 1971 to 2016 derived from remote-sensing data. <i>Journal of Glaciology</i> , 2018, 64, 397-406.	1.1	24
3	Glacier mass balance in the Qinghai-Tibet Plateau and its surroundings from the mid-1970s to 2000 based on Hexagon KH-9 and SRTM DEMs. <i>Remote Sensing of Environment</i> , 2018, 210, 96-112.	4.6	147
4	An approach to extracting surface supply relationships between glaciers and lakes on the Tibetan Plateau. <i>International Journal of Digital Earth</i> , 2018, 11, 1151-1165.	1.6	1
5	Ice thickness measurements of Guliya ice cap, western Kunlun Mountains (Tibetan Plateau), China. <i>Journal of Glaciology</i> , 2018, 64, 977-989.	1.1	16
6	Anomalous Glacier Changes in the Southeast of Tuomuer-Khan Tengri Mountain Ranges, Central Tianshan. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 6840-6863.	1.2	11
7	The Third Pole. , 0, , 339-377.		1
8	Impacts of Climate Change on Tibetan Lakes: Patterns and Processes. <i>Remote Sensing</i> , 2018, 10, 358.	1.8	54
9	Glacier variations and rising temperature in the Mt. Kenya since the Last Glacial Maximum. <i>Journal of Mountain Science</i> , 2018, 15, 1268-1282.	0.8	10
10	Lake Surface Water Temperature Change Over the Tibetan Plateau From 2001 to 2015: A Sensitive Indicator of the Warming Climate. <i>Geophysical Research Letters</i> , 2018, 45, 11,177.	1.5	46
11	Changes in glacier mass in the Lenglongling Mountains from 1972 to 2016 based on remote sensing data and modeling. <i>Journal of Hydrology</i> , 2019, 578, 124010.	2.3	19
12	Nonmonsoon Precipitation Dominates Groundwater Recharge Beneath a Monsoon-Affected Glacier in Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10913-10930.	1.2	32
13	Glacier change in the Tanggula Mountains, Tibetan Plateau, in 1969-2015. <i>Journal of Mountain Science</i> , 2019, 16, 2663-2678.	0.8	10
14	Water Storage Variations in Tibet from GRACE, ICESat, and Hydrological Data. <i>Remote Sensing</i> , 2019, 11, 1103.	1.8	20
15	Repeat Glacier Collapses and Surges in the Amney Machen Mountain Range, Tibet, Possibly Triggered by a Developing Rock-Slope Instability. <i>Remote Sensing</i> , 2019, 11, 708.	1.8	30
16	Changes in Terrestrial Water Storage During 2003-2014 and Possible Causes in Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2909-2931.	1.2	84
17	Status and Change of the Cryosphere in the Extended Hindu Kush Himalaya Region. , 2019, , 209-255.		139
18	Glacier Mapping Based on Random Forest Algorithm: A Case Study over the Eastern Pamir. <i>Water (Switzerland)</i> , 2020, 12, 3231.	1.2	16

#	ARTICLE	IF	CITATIONS
19	Precipitation correction and reconstruction for streamflow simulation based on 262 rain gauges in the upper Brahmaputra of southern Tibetan Plateau. <i>Journal of Hydrology</i> , 2020, 590, 125484.	2.3	32
20	Variations in Winter Surface Temperature of the Purog Kangri Ice Field, Qinghai-Tibetan Plateau, 2001-2018, Using MODIS Data. <i>Remote Sensing</i> , 2020, 12, 1133.	1.8	12
21	InSAR time series analysis of seasonal surface displacement dynamics on the Tibetan Plateau. <i>Cryosphere</i> , 2020, 14, 1633-1650.	1.5	29
22	Impact of glacier shape on the mass balance changes: A case study of Dongkemadi region, central Tibetan Plateau. <i>Advances in Climate Change Research</i> , 2020, 11, 22-30.	2.1	2
23	Glacier Variations at Xinqingfeng and Malan Ice Caps in the Inner Tibetan Plateau Since 1970. <i>Remote Sensing</i> , 2020, 12, 421.	1.8	6
24	Which heterogeneous glacier melting patterns can be robustly observed from space? A multi-scale assessment in southeastern Tibetan Plateau. <i>Remote Sensing of Environment</i> , 2020, 242, 111777.	4.6	36
25	Rapid expansion of lakes in the endorheic basin on the Qinghai-Tibet Plateau since 2000 and its potential drivers. <i>Catena</i> , 2021, 197, 104942.	2.2	44
27	Monsoon Clouds Control the Summer Surface Energy Balance on East Rongbuk Glacier (6,523 m Above) Tj ETQq1 1 0.784314 rgBT / Atmospheres, 2021, 126, e2020JD033998.	1.2	14
28	An automatic method for clean glacier and nonseasonal snow area change estimation in High Mountain Asia from 1990 to 2018. <i>Remote Sensing of Environment</i> , 2021, 258, 112376.	4.6	19
29	Influence of atmospheric circulation on glacier mass balance in western Tibet: an analysis based on observations and modeling. <i>Journal of Climate</i> , 2021, , 1-55.	1.2	4
30	Monitoring the Spatiotemporal Difference in Glacier Elevation on Bogda Mountain from 2000 to 2017. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6374.	1.2	5
31	Identification of impact factors for differentiated patterns of NDVI change in the headwater source region of Brahmaputra and Indus, Southwestern Tibetan Plateau. <i>Ecological Indicators</i> , 2021, 125, 107604.	2.6	20
32	Novel Machine Learning Method Integrating Ensemble Learning and Deep Learning for Mapping Debris-Covered Glaciers. <i>Remote Sensing</i> , 2021, 13, 2595.	1.8	19
33	High-elevation climate changes recorded in Tibetan ice cores and their impact on glacier behavior. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 576, 110506.	1.0	2
34	Potential risk to water resources under eco-restoration policy and global change in the Tibetan Plateau. <i>Environmental Research Letters</i> , 2021, 16, 094004.	2.2	18
35	Trends in climate change and human interventions indicate grassland productivity on the Qinghai-Tibetan Plateau from 1980 to 2015. <i>Ecological Indicators</i> , 2021, 129, 108010.	2.6	40
36	Vanishing Glaciers at Southeast Tibetan Plateau Have Not Offset the Declining Runoff at Yarlung Zangbo. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094651.	1.5	25
37	Changes of Precipitation-Runoff Relationship Induced by Climate Variation in a Large Glaciated Basin of the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034367.	1.2	16

#	ARTICLE	IF	CITATIONS
38	Constraining the contribution of glacier mass balance to the Tibetan lake growth in the early 21st century. <i>Remote Sensing of Environment</i> , 2022, 268, 112779.	4.6	21
39	The World's Mountains in the Anthropocene. <i>Sustainable Development Goals Series</i> , 2022, , 1-144.	0.2	3
40	Impact of variability in the hydrological cycle components on vegetation growth in an alpine basin of the southeastern Tibet Plateau, China. <i>Hydrology Research</i> , 2022, 53, 124-140.	1.1	2
41	Dynamic changes in lakes and potential drivers within the Selin Co basin, Tibetan Plateau. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	1.3	2
42	Slight change of glaciers in the Pamir over the period 2000–2017. <i>Arctic, Antarctic, and Alpine Research</i> , 2022, 54, 13-24.	0.4	3
43	Possible Causes of Anomalous Glacier Mass Balance in the Western Kunlun Mountains. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	5
44	Variations in glacier coverage in the Himalayas based on optical satellite data over the past 25 years. <i>Catena</i> , 2022, 214, 106240.	2.2	6
45	Reconstructed annual glacier surface mass balance in the Nyainqanglun Mountains, Yellow River source, based on snow line altitude. <i>Journal of Mountain Science</i> , 2022, 19, 1070-1081.	0.8	3
46	What induces the spatiotemporal variability of glacier mass balance across the Qilian Mountains. <i>Climate Dynamics</i> , 2022, 59, 3555-3577.	1.7	14
47	Observing Multisphere Hydrological Changes in the Largest River Basin of the Tibetan Plateau. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E1595-E1620.	1.7	5
48	An Assessment of Glacier Inventories for the Third Pole Region. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	6
49	Variation trends and attribution analysis of lakes in the Qiangtang Plateau, the Endorheic Basin of the Tibetan Plateau. <i>Science of the Total Environment</i> , 2022, 837, 155595.	3.9	4
50	Glacier area changes in the Nujiang-Salween River Basin over the past 45 years. <i>Journal of Chinese Geography</i> , 2022, 32, 1177-1204.	1.5	2
51	The eastern limit of the Kunlun-Pamir-Karakoram Anomaly reflected by changes in glacier area and surface elevation. <i>Journal of Glaciology</i> , 2022, 68, 1167-1176.	1.1	5
53	Long Time-Series Glacier Outlines in the Three-Rivers Headwater Region From 1986 to 2021 Based on Deep Learning. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 5734-5752.	2.3	4
54	Snow Cover in the Three Stable Snow Cover Areas of China and Spatio-Temporal Patterns of the Future. <i>Remote Sensing</i> , 2022, 14, 3098.	1.8	13
55	Characteristics and changes of the Himalayas glacial area in China during 1990–2015. <i>Journal of Mountain Science</i> , 2022, 19, 1961-1973.	0.8	1
56	Widespread declines in water salinity of the endorheic Tibetan Plateau lakes. <i>Environmental Research Communications</i> , 2022, 4, 091002.	0.9	4

#	ARTICLE	IF	CITATIONS
57	Rapid Glacier Shrinkage in the Gongga Mountains in the Last 27 Years. <i>Remote Sensing</i> , 2022, 14, 5397.	1.8	2
58	Glacier extraction based on high-spatial-resolution remote-sensing images using a deep-learning approach with attention mechanism. <i>Cryosphere</i> , 2022, 16, 4273-4289.	1.5	5
59	Shrinking lakes of rift valley system in southern Tibet: Is it the climate?. <i>Science of the Total Environment</i> , 2023, 858, 160016.	3.9	1
60	Glacier Changes in India's Dhauliganga Catchment over the Past Two Decades. <i>Remote Sensing</i> , 2022, 14, 5692.	1.8	1
61	Long-term records of glacier evolution and associated proglacial lakes on the Tibetan Plateau (1976-2020). <i>Big Earth Data</i> , 2022, 6, 435-452.	2.0	2
62	Modified flood potential index (MFPI) for flood monitoring in terrestrial water storage depletion basin using GRACE estimates. <i>Journal of Hydrology</i> , 2023, 616, 128765.	2.3	8
63	Warming Has Accelerated the Melting of Glaciers on the Tibetan Plateau, but the Debris-Covered Glaciers Are Rapidly Expanding. <i>Remote Sensing</i> , 2023, 15, 132.	1.8	0
64	Seasonal Cycles of High Mountain Asia Glacier Surface Elevation Detected by ICESat-2. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	8
65	Spatio-Temporal Evolution of Glacial Lakes in the Tibetan Plateau over the Past 30 Years. <i>Remote Sensing</i> , 2023, 15, 416.	1.8	12
66	The Spatio-Temporal Patterns of Glacier Activities in the Eastern Pamir Plateau Investigated by Time Series Sub-Pixel Offsets From Sentinel-2 Optical Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2023, 16, 1256-1268.	2.3	1
67	Quantitative Assessment of Spatial Pattern of Geodiversity in the Tibetan Plateau. <i>Sustainability</i> , 2023, 15, 299.	1.6	5
68	Hydrological response to climate change and human activities in the Three-River Source Region. <i>Hydrology and Earth System Sciences</i> , 2023, 27, 1477-1492.	1.9	2
69	Characterizing 4 decades of accelerated glacial mass loss in the west Nyainqentanglha Range of the Tibetan Plateau. <i>Hydrology and Earth System Sciences</i> , 2023, 27, 933-952.	1.9	3
70	Impacts of frozen ground degradation and vegetation greening on upper Brahmaputra runoff during 1981-2019. <i>International Journal of Climatology</i> , 2023, 43, 3768-3781.	1.5	4
71	On the capabilities of the SWOT satellite to monitor the lake level change over the Third Pole. <i>Environmental Research Letters</i> , 2023, 18, 044008.	2.2	4