

Increased ice losses from Antarctica detected by CryoSat

Geophysical Research Letters

41, 3899-3905

DOI: [10.1002/2014gl060111](https://doi.org/10.1002/2014gl060111)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Surface slope control on firn density at Thwaites Glacier, West Antarctica: Results from airborne radar sounding. <i>Geophysical Research Letters</i> , 2014, 41, 6787-6794.	4.0	40
2	Elevation and elevation change of Greenland and Antarctica derived from CryoSat-2. <i>Cryosphere</i> , 2014, 8, 1539-1559.	3.9	318
3	Detailed ice loss pattern in the northern Antarctic Peninsula: widespread decline driven by ice front retreats. <i>Cryosphere</i> , 2014, 8, 2135-2145.	3.9	55
4	An Impact Assessment of GPS Radio Occultation Data on Prediction of a Rapidly Developing Cyclone over the Southern Ocean*. <i>Monthly Weather Review</i> , 2014, 142, 4187-4206.	1.4	21
5	Eisverlust in der Antarktis. <i>Physik in Unserer Zeit</i> , 2014, 45, 267-267.	0.0	0
6	Mass loss of the Amundsen Sea Embayment of West Antarctica from four independent techniques. <i>Geophysical Research Letters</i> , 2014, 41, 8421-8428.	4.0	91
7	Rapid dynamic activation of a marine-ice-based Arctic ice cap. <i>Geophysical Research Letters</i> , 2014, 41, 8902-8909.	4.0	43
8	The role of atmospheric rivers in anomalous snow accumulation in East Antarctica. <i>Geophysical Research Letters</i> , 2014, 41, 6199-6206.	4.0	206
9	Antarctic outlet glacier mass change resolved at basin scale from satellite gravity gradiometry. <i>Geophysical Research Letters</i> , 2014, 41, 5919-5926.	4.0	21
10	Height changes over subglacial Lake Vostok, East Antarctica: Insights from GNSS observations. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 2460-2480.	2.8	29
11	Mass changes of outlet glaciers along the Nordenskiöld Coast, northern Antarctic Peninsula, based on TanDEM-X satellite measurements. <i>Geophysical Research Letters</i> , 2014, 41, 8123-8129.	4.0	49
12	Modeling ice dynamic contributions to sea level rise from the Antarctic Peninsula. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 2374-2392.	2.8	2
13	Flow speed within the Antarctic ice sheet and its controls inferred from satellite observations. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 1171-1188.	2.8	57
14	The Effect of Atmospheric Forcing Resolution on Delivery of Ocean Heat to the Antarctic Floating Ice Shelves*. <i>Journal of Climate</i> , 2015, 28, 6067-6085.	3.2	35
15	Land-ice elevation changes from photon-counting swath altimetry: first applications over the Antarctic ice sheet. <i>Journal of Glaciology</i> , 2015, 61, 17-28.	2.2	18
16	Uncertainty in mass-balance trends derived from altimetry: a case study along the EGIG line, central Greenland. <i>Journal of Glaciology</i> , 2015, 61, 345-356.	2.2	4
17	Coupling patterns between periglacial and permafrost degradation responses in Antarctica. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 1227-1238.	2.5	62
18	Committed retreat of Smith, Pope, and Kohler Glaciers over the next 30 years inferred by transient model calibration. <i>Cryosphere</i> , 2015, 9, 2429-2446.	3.9	42

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19	CryoSat-2 delivers monthly and inter-annual surface elevation change for Arctic ice caps. <i>Cryosphere</i> , 2015, 9, 1895-1913.	3.9	48
20	Gains in Antarctic ice might offset losses. <i>Nature</i> , 2015, , .	27.8	0
21	Dynamic thinning of glaciers on the Southern Antarctic Peninsula. <i>Science</i> , 2015, 348, 899-903.	12.6	176
22	Multivariate spatio-temporal modelling for assessing Antarctica's present-day contribution to sea-level rise. <i>Environmetrics</i> , 2015, 26, 159-177.	1.4	24
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24	Antarctic ice shelf thickness from CryoSat-2 radar altimetry. <i>Geophysical Research Letters</i> , 2015, 42, 10,721.	4.0	36
25	Envisat and SARAL/AltiKa Observations of the Antarctic Ice Sheet: A Comparison Between the Ku-band and Ka-band. <i>Marine Geodesy</i> , 2015, 38, 510-521.	2.0	23
26	Climatic Consequences of a Pine Island Glacier Collapse. <i>Journal of Climate</i> , 2015, 28, 9221-9234.	3.2	7
27	Mass gains of the Antarctic ice sheet exceed losses. <i>Journal of Glaciology</i> , 2015, 61, 1019-1036.	2.2	143
28	Ice-flow structure and ice dynamic changes in the Weddell Sea sector of West Antarctica from radar-imaged internal layering. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 655-670.	2.8	37
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30	Impacts of global climate change on the floras of oceanic islands – Projections, implications and current knowledge. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 160-183.	2.7	147
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34	Accuracy and Performance of CryoSat-2 SARIn Mode Data Over Antarctica. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 1516-1520.	3.1	29
35	Recent Progress in Understanding and Projecting Regional and Global Mean Sea Level Change. <i>Current Climate Change Reports</i> , 2015, 1, 224-246.	8.6	42
36	Grounding line retreat of Totten Glacier, East Antarctica, 1996 to 2013. <i>Geophysical Research Letters</i> , 2015, 42, 8049-8056.	4.0	71

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39	Decadal Ocean Forcing and Antarctic Ice Sheet Response: Lessons from the Amundsen Sea. , 2016, 29, 106-117.		122
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52	Ice flow dynamics and mass loss of Totten Glacier, East Antarctica, from 1989 to 2015. <i>Geophysical Research Letters</i> , 2016, 43, 6366-6373.	4.0	63
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