

Ben D Hamlington

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,241
citations

279798

23
h-index

223800

46
g-index

47
all docs

47
docs citations

47
times ranked

2665
citing authors

#	ARTICLE	IF	CITATIONS
1	Extrapolating Empirical Models of Satellite-Observed Global Mean Sea Level to Estimate Future Sea Level Change. <i>Earth's Future</i> , 2022, 10, .	6.3	8
2	Past, Present, and Future Pacific Sea-Level Change. <i>Earth's Future</i> , 2021, 9, e2020EF001839.	6.3	11
3	The Seasonality of Global Land and Ocean Mass and the Changing Water Cycle. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091248.	4.0	11
4	Data-driven reconstruction reveals large-scale ocean circulation control on coastal sea level. <i>Nature Climate Change</i> , 2021, 11, 514-520.	18.8	40
5	An Assessment of Regional ICESat-2 Sea-Level Trends. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092327.	4.0	7
6	Rapid increases and extreme months in projections of United States high-tide flooding. <i>Nature Climate Change</i> , 2021, 11, 584-590.	18.8	58
7	Identifying ENSO-related interannual and decadal variability on terrestrial water storage. <i>Scientific Reports</i> , 2021, 11, 13595.	3.3	5
8	Coordinated Science Support for Sea-Level Data and Services in the United States. <i>AGU Advances</i> , 2021, 2, e2021AV000418.	5.4	3
9	Global Oceans. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, S143-S198.	3.3	11
10	Ocean mass, steric dynamic effects, and vertical land motion largely explain US coast relative sea level rise. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	10
11	Toward Sustained Monitoring of Subsidence at the Coast Using InSAR and GPS: An Application in Hampton Roads, Virginia. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090013.	4.0	29
12	Origin of interannual variability in global mean sea level. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13983-13990.	7.1	20
13	Investigating the Acceleration of Regional Sea Level Rise During the Satellite Altimeter Era. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086528.	4.0	30
14	Understanding of Contemporary Regional Sea-Level Change and the Implications for the Future. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000672.	23.0	74
15	20th Century Multivariate Indian Ocean Regional Sea Level Reconstruction. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016270.	2.6	6
16	What Caused Recent Shifts in Tropical Pacific Decadal Sea-Level Trends?. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 7575-7590.	2.6	9
17	The Dominant Global Modes of Recent Internal Sea Level Variability. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2750-2768.	2.6	19
18	Amplitude Modulation of Seasonal Variability in Terrestrial Water Storage. <i>Geophysical Research Letters</i> , 2019, 46, 4404-4412.	4.0	13

#	ARTICLE	IF	CITATIONS
19	Uncovering the Pattern of Forced Sea Level Rise in the Satellite Altimeter Record. <i>Geophysical Research Letters</i> , 2019, 46, 4844-4853.	4.0	28
20	Climate-changeâ€‘driven accelerated sea-level rise detected in the altimeter era. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2022-2025.	7.1	700
21	Observationâ€‘Driven Estimation of the Spatial Variability of 20 th Century Sea Level Rise. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 2129-2140.	2.6	8
22	Future Nuisance Flooding in Norfolk, VA, From Astronomical Tides and Annual to Decadal Internal Climate Variability. <i>Geophysical Research Letters</i> , 2018, 45, 12,432.	4.0	26
23	Reconstruction of sea level around the Korean Peninsula using cyclostationary empirical orthogonal functions. <i>Ocean Science</i> , 2018, 14, 959-970.	3.4	3
24	Separating decadal global water cycle variability from sea level rise. <i>Scientific Reports</i> , 2017, 7, 995.	3.3	14
25	Regional Sea Level Variability and Trends, 1960â€‘2007: A Comparison of Sea Level Reconstructions and Ocean Syntheses. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 9068-9091.	2.6	12
26	Effects of climate oscillations on wildland fire potential in the continental United States. <i>Geophysical Research Letters</i> , 2017, 44, 7002-7010.	4.0	26
27	Robustness of observationâ€‘based decadal sea level variability in the Indoâ€‘Pacific Ocean. <i>Geophysical Research Letters</i> , 2017, 44, 7391-7400.	4.0	18
28	Spatial Patterns of Sea Level Variability Associated with Natural Internal Climate Modes. <i>Surveys in Geophysics</i> , 2017, 38, 217-250.	4.6	71
29	Spaceborne Synthetic Aperture Radar Survey of Subsidence in Hampton Roads, Virginia (USA). <i>Scientific Reports</i> , 2017, 7, 14752.	3.3	59
30	Spatial Patterns of Sea Level Variability Associated with Natural Internal Climate Modes. <i>Space Sciences Series of ISSI</i> , 2017, , 221-254.	0.0	10
31	Is the detection of accelerated sea level rise imminent?. <i>Scientific Reports</i> , 2016, 6, 31245.	3.3	50
32	Influence of ENSO on the variation of annual sea level cycle in the South China Sea. <i>Ocean Engineering</i> , 2016, 126, 343-352.	4.3	16
33	Assessing the impact of vertical land motion on twentieth century global mean sea level estimates. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 4980-4993.	2.6	28
34	An ongoing shift in Pacific Ocean sea level. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 5084-5097.	2.6	54
35	Are long tide gauge records in the wrong place to measure global mean sea level rise?. <i>Geophysical Research Letters</i> , 2016, 43, 10,403.	4.0	40
36	Considerations for estimating the 20th century trend in global mean sea level. <i>Geophysical Research Letters</i> , 2015, 42, 4102-4109.	4.0	37

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37	Theoretical foundation of cyclostationary EOF analysis for geophysical and climatic variables: Concepts and examples. <i>Earth-Science Reviews</i> , 2015, 150, 201-218.	9.1	63
38	The effect of the El Niño Southern Oscillation on U.S. regional and coastal sea level. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 3970-3986.	2.6	46
39	A Southern Hemisphere sea level pressure-based precursor for ENSO warm and cold events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2280-2292.	3.3	3
40	Cyclostationary empirical orthogonal function sea level reconstruction. <i>Geoscience Data Journal</i> , 2014, 1, 13-19.	4.4	28
41	Uncovering an anthropogenic sea-level rise signal in the Pacific Ocean. <i>Nature Climate Change</i> , 2014, 4, 782-785.	18.8	108
42	Intensification of decadal and multi-decadal sea level variability in the western tropical Pacific during recent decades. <i>Climate Dynamics</i> , 2014, 43, 1357-1379.	3.8	173
43	Contribution of the Pacific Decadal Oscillation to global mean sea level trends. <i>Geophysical Research Letters</i> , 2013, 40, 5171-5175.	4.0	83
44	Regional Sea Level Reconstruction in the Pacific Ocean. <i>Marine Geodesy</i> , 2012, 35, 98-117.	2.0	9
45	Improving sea level reconstructions using non-sea level measurements. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	30
46	The Effect of Signal-to-Noise Ratio on the Study of Sea Level Trends. <i>Journal of Climate</i> , 2011, 24, 1396-1408.	3.2	27
47	Reconstructing sea level using cyclostationary empirical orthogonal functions. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	107