

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 | Climate-changeâ€œdriven accelerated sea-level rise detected in the altimeter era. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2022-2025. | 7.1 | 700 |
| 2 | Intensification of decadal and multi-decadal sea level variability in the western tropical Pacific during recent decades. Climate Dynamics, 2014, 43, 1357-1379. | 3.8 | 173 |
| 3 | Uncovering an anthropogenic sea-level rise signal in the Pacific Ocean. Nature Climate Change, 2014, 4, 782-785. | 18.8 | 108 |
| 4 | Reconstructing sea level using cyclostationary empirical orthogonal functions. Journal of Geophysical Research, 2011, 116, . | 3.3 | 107 |
| 5 | Contribution of the Pacific Decadal Oscillation to global mean sea level trends. Geophysical Research Letters, 2013, 40, 5171-5175. | 4.0 | 83 |
| 6 | Understanding of Contemporary Regional Seaâ€œLevel Change and the Implications for the Future. Reviews of Geophysics, 2020, 58, e2019RG000672. | 23.0 | 74 |
| 7 | Spatial Patterns of Sea Level Variability Associated with Natural Internal Climate Modes. Surveys in Geophysics, 2017, 38, 217-250. | 4.6 | 71 |
| 8 | Theoretical foundation of cyclostationary EOF analysis for geophysical and climatic variables: Concepts and examples. Earth-Science Reviews, 2015, 150, 201-218. | 9.1 | 63 |
| 9 | Spaceborne Synthetic Aperture Radar Survey of Subsidence in Hampton Roads, Virginia (USA). Scientific Reports, 2017, 7, 14752. | 3.3 | 59 |
| 10 | Rapid increases and extreme months in projections of United States high-tide flooding. Nature Climate Change, 2021, 11, 584-590. | 18.8 | 58 |
| 11 | An ongoing shift in Pacific Ocean sea level. Journal of Geophysical Research: Oceans, 2016, 121, 5084-5097. | 2.6 | 54 |
| 12 | Is the detection of accelerated sea level rise imminent?. Scientific Reports, 2016, 6, 31245. | 3.3 | 50 |
| 13 | The effect of the El NiÃ±oâ€œSouthern Oscillation on U.S. regional and coastal sea level. Journal of Geophysical Research: Oceans, 2015, 120, 3970-3986. | 2.6 | 46 |
| 14 | Are long tide gauge records in the wrong place to measure global mean sea level rise?. Geophysical Research Letters, 2016, 43, 10,403. | 4.0 | 40 |
| 15 | Data-driven reconstruction reveals large-scale ocean circulation control on coastal sea level. Nature Climate Change, 2021, 11, 514-520. | 18.8 | 40 |
| 16 | Considerations for estimating the 20th century trend in global mean sea level. Geophysical Research Letters, 2015, 42, 4102-4109. | 4.0 | 37 |
| 17 | Improving sea level reconstructions using nonâ€œsea level measurements. Journal of Geophysical Research, 2012, 117, . | 3.3 | 30 |
| 18 | Investigating the Acceleration of Regional Sea Level Rise During the Satellite Altimeter Era. Geophysical Research Letters, 2020, 47, e2019GL086528. | 4.0 | 30 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | Cyclostationary empirical orthogonal function sea level reconstruction. <i>Geoscience Data Journal</i> , 2014, 1, 13-19. | 4.4 | 28 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | The Dominant Global Modes of Recent Internal Sea Level Variability. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2750-2768. | 2.6 | 19 |
| 28 | Robustness of observation-based decadal sea level variability in the Indo-Pacific Ocean. <i>Geophysical Research Letters</i> , 2017, 44, 7391-7400. | 4.0 | 18 |
| 29 | 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 |
| 30 | Separating decadal global water cycle variability from sea level rise. <i>Scientific Reports</i> , 2017, 7, 995. | 3.3 | 14 |
| 31 | Amplitude Modulation of Seasonal Variability in Terrestrial Water Storage. <i>Geophysical Research Letters</i> , 2019, 46, 4404-4412. | 4.0 | 13 |
| 32 | Regional Sea Level Variability and Trends, 1960–2007: A Comparison of Sea Level Reconstructions and Ocean Syntheses. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 9068-9091. | 2.6 | 12 |
| 33 | Past, Present, and Future Pacific Sea Level Change. <i>Earth's Future</i> , 2021, 9, e2020EF001839. | 6.3 | 11 |
| 34 | The Seasonality of Global Land and Ocean Mass and the Changing Water Cycle. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091248. | 4.0 | 11 |
| 35 | Global Oceans. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, S143-S198. | 3.3 | 11 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | Ocean mass, steric effects, and vertical land motion largely explain US coast relative sea level rise. <i>Communications Earth & Environment</i> , 2021, 2, . | 6.8 | 10 |
| 38 | Regional Sea Level Reconstruction in the Pacific Ocean. <i>Marine Geodesy</i> , 2012, 35, 98-117. | 2.0 | 9 |
| 39 | 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 |
| 40 | Observation-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 |
| 41 | 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 |
| 42 | An Assessment of Regional ICESat-2 Sea Level Trends. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092327. | 4.0 | 7 |
| 43 | 20th Century Multivariate Indian Ocean Regional Sea Level Reconstruction. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016270. | 2.6 | 6 |
| 44 | Identifying ENSO-related interannual and decadal variability on terrestrial water storage. <i>Scientific Reports</i> , 2021, 11, 13595. | 3.3 | 5 |
| 45 | 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 |
| 46 | Reconstruction of sea level around the Korean Peninsula using cyclostationary empirical orthogonal functions. <i>Ocean Science</i> , 2018, 14, 959-970. | 3.4 | 3 |
| 47 | Coordinated Science Support for Sea Level Data and Services in the United States. <i>AGU Advances</i> , 2021, 2, e2021AV000418. | 5.4 | 3 |