

Analysis of MABEL Bathymetry in Keweenaw Bay and I

Remote Sensing

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional Geographically Weighted Inverse Regression (3GWR) Model for Satellite Derived Bathymetry Using Sentinel-2 Observations. <i>Marine Geodesy</i> , 2018, 41, 1-23.	0.9	14
2	A Ground Elevation and Vegetation Height Retrieval Algorithm Using Micro-Pulse Photon-Counting Lidar Data. <i>Remote Sensing</i> , 2018, 10, 1962.	1.8	53
3	Estimating the vegetation canopy height using micro-pulse photon-counting LiDAR data. <i>Optics Express</i> , 2018, 26, A520.	1.7	72
4	Validation of ICESat-2 ATLAS Bathymetry and Analysis of ATLAS's Bathymetric Mapping Performance. <i>Remote Sensing</i> , 2019, 11, 1634.	1.8	174
5	River reconstruction using a conformal mapping method. <i>Environmental Modelling and Software</i> , 2019, 119, 197-213.	1.9	9
6	Leveraging Commercial High-Resolution Multispectral Satellite and Multibeam Sonar Data to Estimate Bathymetry: The Case Study of the Caribbean Sea. <i>Remote Sensing</i> , 2019, 11, 1830.	1.8	24
7	On the Feasibility of Water Surface Mapping with Single Photon LiDAR. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 188.	1.4	10
8	A Simple Method for Extracting Water Depth From Multispectral Satellite Imagery in Regions of Variable Bottom Type. <i>Earth and Space Science</i> , 2019, 6, 527-537.	1.1	61
9	Preliminary Assessment of Turbidity and Chlorophyll Impact on Bathymetry Derived from Sentinel-2A and Sentinel-3A Satellites in South Florida. <i>Remote Sensing</i> , 2019, 11, 645.	1.8	78
10	Deriving Tidal Structure From Satellite Image Time Series. <i>Earth and Space Science</i> , 2020, 7, e2019EA000958.	1.1	5
11	Mapping forest height using photon-counting LiDAR data and Landsat 8 OLI data: A case study in Virginia and North Carolina, USA. <i>Ecological Indicators</i> , 2020, 114, 106287.	2.6	30
12	Combining geomorphometry, feature extraction techniques and Earth-surface processes research: The way forward. <i>Geomorphology</i> , 2020, 355, 107055.	1.1	64
13	Determining Bathymetry of Shallow and Ephemeral Desert Lakes Using Satellite Imagery and Altimetry. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087367.	1.5	36
14	Potential of laser-induced fluorescence light detection and ranging for future stand-off virus surveillance. <i>Microbial Biotechnology</i> , 2021, 14, 126-135.	2.0	12
15	Refraction correction and coordinate displacement compensation in nearshore bathymetry using ICESat-2 lidar data and remote-sensing images. <i>Optics Express</i> , 2021, 29, 2411.	1.7	27
16	ICESat-2 Elevation Retrievals in Support of Satellite-Derived Bathymetry for Global Science Applications. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090629.	1.5	48
17	A maximum bathymetric depth model to simulate satellite photon-counting lidar performance. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 174, 182-197.	4.9	28
18	A photon-counting LiDAR bathymetric method based on adaptive variable ellipse filtering. <i>Remote Sensing of Environment</i> , 2021, 256, 112326.	4.6	43

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19	Nearshore Bathymetry From Fusion of Sentinel-2 and ICESat-2 Observations. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 900-904.	1.4	63
20	A semi-empirical scheme for bathymetric mapping in shallow water by ICESat-2 and Sentinel-2: A case study in the South China Sea. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 178, 1-19.	4.9	47
21	Deriving Highly Accurate Shallow Water Bathymetry From Sentinel-2 and ICESat-2 Datasets by a Multitemporal Stacking Method. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 6677-6685.	2.3	32
22	The Prospect of Global Coral Reef Bathymetry by Combining Ice, Cloud, and Land Elevation Satellite-2 Altimetry With Multispectral Satellite Imagery. Frontiers in Marine Science, 2021, 8, .	1.2	7
23	Improved Filtering of ICESat-2 Lidar Data for Nearshore Bathymetry Estimation Using Sentinel-2 Imagery. Remote Sensing, 2021, 13, 4303.	1.8	29
24	Accurate Refraction Correction-Assisted Bathymetric Inversion Using ICESat-2 and Multispectral Data. Remote Sensing, 2021, 13, 4355.	1.8	10
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26	Refraction and coordinate correction with the JONSWAP model for ICESat-2 bathymetry. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 186, 285-300.	4.9	13
27	Estimating Reservoir Storage Variations by Combining Sentinel-2 and 3 Measurements in the Yliki Reservoir, Greece. Remote Sensing, 2022, 14, 1860.	1.8	7
28	Remote Sensing the Ocean Biosphere. Annual Review of Environment and Resources, 2022, 47, 823-847.	5.6	6
29	Performance Improvement for Single-Photon LiDAR with Dead Time Selection. International Journal of Aerospace Engineering, 2022, 2022, 1-9.	0.5	0
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34	ICESat-2 Mission: Contributions of a spaceborne lidar to ocean science. , 2022, , .		3
35	ICESat-2 Bathymetry: Advances in Methods and Science. , 2022, , .		5
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37	Algorithm for Detection of Water Surface Height in UAV-Borne Photon-Counting LiDAR. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	1.4	0
38	Analysis and Correction of Water Forward-Scattering-Induced Bathymetric Bias for Spaceborne Photon-Counting Lidar. Remote Sensing, 2023, 15, 931.	1.8	2
39	High-resolution benthic habitat mapping from machine learning on PlanetScope imagery and ICESat-2 data. Geocarto International, 2023, 38, .	1.7	3
40	Satellite-derived bathymetry combined with Sentinel-2 and ICESat-2 datasets using machine learning. Frontiers in Earth Science, 0, 11, .	0.8	6
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