

Analysis of MABEL Bathymetry in Keweenaw Bay and I

Remote Sensing

8, 772

DOI: 10.3390/rs8090772

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.	2.0	14
2	A Ground Elevation and Vegetation Height Retrieval Algorithm Using Micro-Pulse Photon-Counting Lidar Data. <i>Remote Sensing</i> , 2018, 10, 1962.	4.0	53
3	Estimating the vegetation canopy height using micro-pulse photon-counting LiDAR data. <i>Optics Express</i> , 2018, 26, A520.	3.4	72
4	Validation of ICESat-2 ATLAS Bathymetry and Analysis of ATLAS's Bathymetric Mapping Performance. <i>Remote Sensing</i> , 2019, 11, 1634.	4.0	174
5	River reconstruction using a conformal mapping method. <i>Environmental Modelling and Software</i> , 2019, 119, 197-213.	4.5	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.	4.0	24
7	On the Feasibility of Water Surface Mapping with Single Photon LiDAR. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 188.	2.9	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.	2.6	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.	4.0	78
10	Deriving Tidal Structure From Satellite Image Time Series. <i>Earth and Space Science</i> , 2020, 7, e2019EA000958.	2.6	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.	6.3	30
12	Combining geomorphometry, feature extraction techniques and Earth-surface processes research: The way forward. <i>Geomorphology</i> , 2020, 355, 107055.	2.6	64
13	Determining Bathymetry of Shallow and Ephemeral Desert Lakes Using Satellite Imagery and Altimetry. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087367.	4.0	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.	4.2	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.	3.4	27
16	ICESat-2 Elevation Retrievals in Support of Satellite-Derived Bathymetry for Global Science Applications. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090629.	4.0	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.	11.1	28
18	A photon-counting LiDAR bathymetric method based on adaptive variable ellipse filtering. <i>Remote Sensing of Environment</i> , 2021, 256, 112326.	11.0	43

#	ARTICLE	IF	CITATIONS
19	Nearshore Bathymetry From Fusion of Sentinel-2 and ICESat-2 Observations. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 900-904.	3.1	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.	11.1	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.	4.9	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, .	2.5	7
23	Improved Filtering of ICESat-2 Lidar Data for Nearshore Bathymetry Estimation Using Sentinel-2 Imagery. Remote Sensing, 2021, 13, 4303.	4.0	29
24	Accurate Refraction Correction-Assisted Bathymetric Inversion Using ICESat-2 and Multispectral Data. Remote Sensing, 2021, 13, 4355.	4.0	10
25	Nearshore Bathymetry Based on ICESat-2 and Multispectral Images: Comparison Between Sentinel-2, Landsat-8, and Testing Gaofen-2. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2449-2462.	4.9	21
26	Refraction and coordinate correction with the JONSWAP model for ICESat-2 bathymetry. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 186, 285-300.	11.1	13
27	Estimating Reservoir Storage Variations by Combining Sentinel-2 and 3 Measurements in the Yliki Reservoir, Greece. Remote Sensing, 2022, 14, 1860.	4.0	7
28	Remote Sensing the Ocean Biosphere. Annual Review of Environment and Resources, 2022, 47, 823-847.	13.4	6
29	Performance Improvement for Single-Photon LiDAR with Dead Time Selection. International Journal of Aerospace Engineering, 2022, 2022, 1-9.	0.9	0
30	Investigating the Shallow-Water Bathymetric Capability of Zhuhai-1 Spaceborne Hyperspectral Images Based on ICESat-2 Data and Empirical Approaches: A Case Study in the South China Sea. Remote Sensing, 2022, 14, 3406.	4.0	8
31	Nearshore Bathymetry from ICESat-2 LiDAR and Sentinel-2 Imagery Datasets Using Deep Learning Approach. Remote Sensing, 2022, 14, 4229.	4.0	13
32	Spaceborne LiDAR Surveying and Mapping. , 0, , .		1
33	A novel bathymetry signal photon extraction algorithm for photon-counting LiDAR based on adaptive elliptical neighborhood. International Journal of Applied Earth Observation and Geoinformation, 2022, 115, 103080.	1.9	4
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
36	Shallow Water Bathymetry Mapping from ICESat-2 and Sentinel-2 Based on BP Neural Network Model. Water (Switzerland), 2022, 14, 3862.	2.7	10

#	ARTICLE	IF	CITATIONS
37	Algorithm for Detection of Water Surface Height in UAV-Borne Photon-Counting LiDAR. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	3.1	0
38	Analysis and Correction of Water Forward-Scattering-Induced Bathymetric Bias for Spaceborne Photon-Counting Lidar. Remote Sensing, 2023, 15, 931.	4.0	2
39	High-resolution benthic habitat mapping from machine learning on PlanetScope imagery and ICESat-2 data. Geocarto International, 2023, 38, .	3.5	3
40	Satellite-derived bathymetry combined with Sentinel-2 and ICESat-2 datasets using machine learning. Frontiers in Earth Science, 0, 11, .	1.8	6
41	An Automatic Algorithm to Extract Nearshore Bathymetric Photons Using Pre-Pruning Quadtree Isolation for ICESat-2 Data. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	3.1	1
42	æ~ÿè½½â•â...%âæ¿€â...%âé»è¾¾æµ...æ°æµ«æ±æš€æœ¬ç”ç©•è¿â±ââ’Câ±•æœ». Hongwai Yu Jiguang Gongcheng/Infrared and Las		
43	Semi-automated bathymetry using Sentinel-2 for coastal monitoring in the Western Mediterranean. International Journal of Applied Earth Observation and Geoinformation, 2023, 120, 103328.	1.9	0
44	A Robust Density Estimation Method for Glacier-Height Retrieval From ICESat-2 Photon-Counting Data. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-17.	6.3	0
45	Use of ICESat-2 and Sentinel-2 Open Data for the Derivation of Bathymetry in Shallow Waters: Case Studies in Sardinia and in the Venice Lagoon. Remote Sensing, 2023, 15, 2944.	4.0	1
46	ICESAT-2 Shallow Bathymetric Mapping Based on a Size and Direction Adaptive Filtering Algorithm. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2023, 16, 6279-6295.	4.9	3
47	An Appraisal of Atmospheric Correction and Inversion Algorithms for Mapping High-Resolution Bathymetry Over Coral Reef Waters. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-11.	6.3	3
48	Exploring modern bathymetry: A comprehensive review of data acquisition devices, model accuracy, and interpolation techniques for enhanced underwater mapping. Frontiers in Marine Science, 0, 10, .	2.5	8
49	Global automated extraction of bathymetric photons from ICESat-2 data based on a PointNet++ model. International Journal of Applied Earth Observation and Geoinformation, 2023, 124, 103512.	1.9	1
50	An optimized denoising method for ICESat-2 photon-counting data considering heterogeneous density and weak connectivity. Optics Express, 2023, 31, 41496.	3.4	0
51	New Reference Bathymetric Point Cloud Datasets Derived from ICESat-2 Observations: A Case in the Caribbean Sea. IEEE Transactions on Geoscience and Remote Sensing, 2023, , 1-1.	6.3	0
52	Nearshore Bathymetry from ICESat-2 LiDAR and Sentinel-2 Imagery Datasets Using Physics-Informed CNN. Remote Sensing, 2024, 16, 511.	4.0	0
53	Analysis of ICESatâ€² Data Acquisition Algorithm Parameter Enhancements to Improve Worldwide Bathymetric Coverage. Earth and Space Science, 2024, 11, .	2.6	0
54	Evaluating ICESat-2 Seafloor Photons by Underwater Light-Beam Propagation and Noise Modeling. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-18.	6.3	0