

# The global distribution and trajectory of tidal flats

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Constructing long-term high-frequency time series of global lake and reservoir areas using Landsat imagery. <i>Remote Sensing of Environment</i> , 2019, 232, 111210.	4.6	102
2	Trends in the Seaward Extent of Saltmarshes across Europe from Long-Term Satellite Data. <i>Remote Sensing</i> , 2019, 11, 1653.	1.8	31
3	Metabarcoding reveals differences in fungal communities between unflooded versus tidal flat soil in coastal saline ecosystem. <i>Science of the Total Environment</i> , 2019, 690, 911-922.	3.9	18
4	The importance of the propaguleâ€“sedimentâ€“tide â€œpower balanceâ€œ for revegetation at the coastal frontier. <i>Ecological Applications</i> , 2019, 29, e01967.	1.8	14
5	Drivers of nano- and microplanktonic community structure in a Patagonian tidal flat ecosystem. <i>Journal of Plankton Research</i> , 2019, 41, 621-639.	0.8	10
6	Remote Sensing for the Quantification of Land Surface Dynamics in Large River Delta Regionsâ€”A Review. <i>Remote Sensing</i> , 2019, 11, 1985.	1.8	20
7	Conserving unprotected important coastal habitats in the Yellow Sea: Shorebird occurrence, distribution and food resources at Lianyungang. <i>Global Ecology and Conservation</i> , 2019, 20, e00724.	1.0	18
8	Effects of shrimp-aquaculture reclamation on sediment nitrate dissimilatory reduction processes in a coastal wetland of southeastern China. <i>Environmental Pollution</i> , 2019, 255, 113219.	3.7	39
9	Remote sensing and geospatial technologies in support of a normative land system science: status and prospects. <i>Current Opinion in Environmental Sustainability</i> , 2019, 38, 44-52.	3.1	45
10	Land Use Change in Coastal Cities during the Rapid Urbanization Period from 1990 to 2016: A Case Study in Ningbo City, China. <i>Sustainability</i> , 2019, 11, 2122.	1.6	11
11	Tidal inundation modeling within GIS. <i>Journal of Coastal Conservation</i> , 2019, 23, 599-606.	0.7	4
12	Mapping Tidal Flats with Landsat 8 Images and Google Earth Engine: A Case Study of the Chinaâ€™s Eastern Coastal Zone circa 2015. <i>Remote Sensing</i> , 2019, 11, 924.	1.8	53
13	Updating global coastal wetland areas presented in Davidson and Finlayson (2018). <i>Marine and Freshwater Research</i> , 2019, 70, 1195.	0.7	41
14	Sub-Pixel Waterline Extraction: Characterising Accuracy and Sensitivity to Indices and Spectra. <i>Remote Sensing</i> , 2019, 11, 2984.	1.8	59
15	High-Resolution Intertidal Topography from Sentinel-2 Multi-Spectral Imagery: Synergy between Remote Sensing and Numerical Modeling. <i>Remote Sensing</i> , 2019, 11, 2888.	1.8	18
16	Biogenic Silica Composition and Storage in the Yellow River Delta Wetland with Implications for the Carbon Preservation. <i>Wetlands</i> , 2020, 40, 1085-1095.	0.7	5
17	Mapping national-scale aquaculture ponds based on the Google Earth Engine in the Chinese coastal zone. <i>Aquaculture</i> , 2020, 520, 734666.	1.7	76
18	Ecosystem indices to support global biodiversity conservation. <i>Conservation Letters</i> , 2020, 13, e12680.	2.8	25

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19	Spatiotemporal variability in microphytobenthic primary production across bare intertidal flat, saltmarsh, and mangrove forest of Asia and Australia. <i>Marine Pollution Bulletin</i> , 2020, 151, 110707.	2.3	16
20	Mapping large-area tidal flats without the dependence on tidal elevations: A case study of Southern China. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 159, 256-270.	4.9	45
21	Conversion of coastal wetlands, riparian wetlands, and peatlands increases greenhouse gas emissions: A global meta-analysis. <i>Global Change Biology</i> , 2020, 26, 1638-1653.	4.2	89
22	Variable Impacts of Climate Change on Blue Carbon. <i>One Earth</i> , 2020, 3, 195-211.	3.6	106
23	10-m-resolution mangrove maps of China derived from multi-source and multi-temporal satellite observations. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 169, 389-405.	4.9	48
24	The intertidal mudflats of Barr Al Hikman, Sultanate of Oman, as feeding, reproduction and nursery grounds for brachyuran crabs. <i>Hydrobiologia</i> , 2020, 847, 4295-4309.	1.0	4
25	Automatic extraction of aquaculture ponds based on Google Earth Engine. <i>Ocean and Coastal Management</i> , 2020, 198, 105348.	2.0	40
26	A Rule-Based Classification Method for Mapping Saltmarsh Land-Cover in South-Eastern Bangladesh from Landsat-8 OLI. <i>Canadian Journal of Remote Sensing</i> , 2021, 47, 356-380.	1.1	17
27	The Carbon Stock and Sequestration Rate in Tidal Flats From Coastal China. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006772.	1.9	26
28	Long-term changes in seagrass and benthos at Banc d'Arguin, Mauritania, the premier intertidal system along the East Atlantic Flyway. <i>Global Ecology and Conservation</i> , 2020, 24, e01364.	1.0	6
29	The Google Earth Engine Mangrove Mapping Methodology (GEEMMM). <i>Remote Sensing</i> , 2020, 12, 3758.	1.8	37
30	Coastal morphological changes: Assessing long-term ecological transformations across the northern Bay of Bengal. <i>Environmental Challenges</i> , 2020, 1, 100001.	2.0	10
31	Myanmar's terrestrial ecosystems: Status, threats and conservation opportunities. <i>Biological Conservation</i> , 2020, 252, 108834.	1.9	23
32	China's coastal-wetland change analysis based on high-resolution remote sensing. <i>Marine and Freshwater Research</i> , 2020, 71, 1161.	0.7	5
33	Morphological and reproductive responses of coastal pioneer sedge vegetation to inundation intensity. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 244, 106945.	0.9	6
34	Consumer control and abiotic stresses constrain coastal saltmarsh restoration. <i>Journal of Environmental Management</i> , 2020, 274, 111110.	3.8	16
35	A global map of terrestrial habitat types. <i>Scientific Data</i> , 2020, 7, 256.	2.4	85
36	Study on the Evaluation Method of Marine Comprehensive Carrying Capacity: Taking Yancheng Sea Area of China as an Example. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 474, 052060.	0.2	1

#	ARTICLE	IF	CITATIONS
37	Mapping the Intertidal Microphytobenthos Gross Primary Production Part I: Coupling Multispectral Remote Sensing and Physical Modeling. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	20
38	Ensuring the adaptive potential of Coastal wetlands of India- the need of the hour for sustainable management. <i>Wetlands Ecology and Management</i> , 2021, 29, 641-652.	0.7	13
39	Reclamation shifts the evolutionary paradigms of tidal channel networks in the Yellow River Delta, China. <i>Science of the Total Environment</i> , 2020, 742, 140585.	3.9	18
40	A climate adaptation strategy for Mai Po Inner Deep Bay Ramsar site: Steppingstone to climate proofing the East Asian-Australasian Flyway. <i>PLoS ONE</i> , 2020, 15, e0239945.	1.1	9
41	Water Column Turbidity Not Sediment Nutrient Enrichment Moderates Microphytobenthic Primary Production. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 732.	1.2	15
42	Automating Drone Image Processing to Map Coral Reef Substrates Using Google Earth Engine. <i>Drones</i> , 2020, 4, 50.	2.7	40
43	A monitoring framework for assessing threats to nonbreeding shorebirds on the Pacific Coast of the Americas. <i>Avian Conservation and Ecology</i> , 2020, 15, .	0.3	2
44	A global biophysical typology of mangroves and its relevance for ecosystem structure and deforestation. <i>Scientific Reports</i> , 2020, 10, 14652.	1.6	94
45	Preliminary Assessment of Microbial Community Structure of Wind-Tidal Flats in the Laguna Madre, Texas, USA. <i>Biology</i> , 2020, 9, 183.	1.3	13
46	Unraveling ecosystem functioning in intertidal soft sediments: the role of density-driven interactions. <i>Scientific Reports</i> , 2020, 10, 11909.	1.6	14
47	Implementation of BFASTmonitor Algorithm on Google Earth Engine to Support Large-Area and Sub-Annual Change Monitoring Using Earth Observation Data. <i>Remote Sensing</i> , 2020, 12, 2953.	1.8	33
48	Blue Restoration “ Building Confidence and Overcoming Barriers. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	28
49	A Novel Approach to Modelling Mangrove Phenology from Satellite Images: A Case Study from Northern Australia. <i>Remote Sensing</i> , 2020, 12, 4008.	1.8	15
50	Trajectory of coastal wetland vegetation in Xiangshan Bay, China, from image time series. <i>Marine Pollution Bulletin</i> , 2020, 160, 111697.	2.3	16
51	Sand barrier morphological evolution based on time series remote sensing images: a case study of Anhaiao, Pingtan. <i>Acta Oceanologica Sinica</i> , 2020, 39, 121-134.	0.4	1
52	Accretion“Erosion Dynamics of the Yellow River Delta and the Relationships with Runoff and Sediment from 1976 to 2018. <i>Water (Switzerland)</i> , 2020, 12, 2992.	1.2	4
53	Identifying new sites of significance to waterbirds conservation and their habitat modification in the Yellow and Bohai Seas in China. <i>Global Ecology and Conservation</i> , 2020, 22, e01031.	1.0	16
54	Divergence of Sediment Fluxes Triggered by Sea“Level Rise Will Reshape Coastal Bays. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087862.	1.5	13

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55	Navigating coasts of concrete: Pervasive use of artificial habitats by shorebirds in the Asia-Pacific. <i>Biological Conservation</i> , 2020, 247, 108591.	1.9	47
56	Recent Evolution of Coastal Tidal Flats and the Impacts of Intensified Human Activities in the Modern Radial Sand Ridges, East China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3191.	1.2	25
57	Intensive land uses modify assembly process and potential metabolic function of edaphic bacterial communities in the Yellow River Delta, China. <i>Science of the Total Environment</i> , 2020, 720, 137713.	3.9	11
58	Upper tidal flats are disproportionately important for the conservation of migratory shorebirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200278.	1.2	23
59	Global beach database. , 2020, , 641-658.		1
60	Hydrological connectivity dynamics of tidal flat systems impacted by severe reclamation in the Yellow River Delta. <i>Science of the Total Environment</i> , 2020, 739, 139860.	3.9	33
61	Storm-induced hydrodynamic changes and seabed erosion in the littoral area of Yellow River Delta: A model-guided mechanism study. <i>Continental Shelf Research</i> , 2020, 205, 104171.	0.9	23
62	Joint Effect of <i>Spartina alterniflora</i> Invasion and Reclamation on the Spatial and Temporal Dynamics of Tidal Flats in Yangtze River Estuary. <i>Remote Sensing</i> , 2020, 12, 1725.	1.8	11
63	Long time-series remote sensing analysis of the periodic cycle evolution of the inlets and ebb-tidal delta of Xincun Lagoon, Hainan Island, China. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 165, 67-85.	4.9	12
64	Monitoring long-term shoreline dynamics and human activities in the Hangzhou Bay, China, combining daytime and nighttime EO data. <i>Big Earth Data</i> , 2020, 4, 242-264.	2.0	16
65	Intertidal topography mapping using the waterline method from Sentinel-1 & -2 images: The examples of Arcachon and Veys Bays in France. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 163, 98-120.	4.9	31
66	Rapid Loss of Tidal Flats in the Yangtze River Delta since 1974. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1636.	1.2	13
67	Assessing the natural capital value of water quality and climate regulation in temperate marine systems using a EUNIS biotope classification approach. <i>Science of the Total Environment</i> , 2020, 744, 140688.	3.9	18
68	Tracking long-term floodplain wetland changes: A case study in the China side of the Amur River Basin. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 92, 102185.	1.4	34
69	Gainers and losers of surface and terrestrial water resources in China during 1989â€“2016. <i>Nature Communications</i> , 2020, 11, 3471.	5.8	81
70	Bund removal to re-establish tidal flow, remove aquatic weeds and restore coastal wetland servicesâ€“North Queensland, Australia. <i>PLoS ONE</i> , 2020, 15, e0217531.	1.1	27
71	Investigating changes in estuarine ecosystem functioning under future scenarios. <i>Ecological Applications</i> , 2020, 30, e02090.	1.8	14
72	Detecting spatiotemporal changes of large-scale aquaculture ponds regions over 1988â€“2018 in Jiangsu Province, China using Google Earth Engine. <i>Ocean and Coastal Management</i> , 2020, 188, 105144.	2.0	42

#	ARTICLE	IF	CITATIONS
73	Mapping the Rapid Decline of the Intertidal Wetlands of China Over the Past Half Century Based on Remote Sensing. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	8
74	Set a global target for ecosystems. <i>Nature</i> , 2020, 578, 360-362.	13.7	51
75	Changes in the waterbird community of the Parc National du Banc d'Arguin, Mauritania, 1980-2017. <i>Bird Conservation International</i> , 2020, 30, 618-633.	0.7	10
76	An Indicator and Min-Cost Approach for Shoreline Extraction From Satellite Imagery in Muddy Coasts. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 4375-4386.	2.7	2
77	Consequences of Anthropogenic Actions in Cullera Bay (Spain). <i>Journal of Marine Science and Engineering</i> , 2020, 8, 240.	1.2	1
78	Differences in fish assemblage structures between tidal marsh and bare sandy littoral habitats in a brackish water lake, eastern Japan. <i>Ichthyological Research</i> , 2020, 67, 439-450.	0.5	2
79	Understanding Land use/Land cover dynamics and impacts of human activities in the Mekong Delta over the last 40 years. <i>Global Ecology and Conservation</i> , 2020, 22, e00991.	1.0	50
80	Mapping coastal wetlands of China using time series Landsat images in 2018 and Google Earth Engine. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 163, 312-326.	4.9	138
81	Contribution of unvegetated tidal flats to coastal carbon flux. <i>Global Change Biology</i> , 2020, 26, 3443-3454.	4.2	24
82	Migrant Semipalmated Sandpipers ( <i>Calidris pusilla</i> ) Have Over Four Decades Steadily Shifted Towards Safer Stopover Locations. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	13
83	Opportunities for big data in conservation and sustainability. <i>Nature Communications</i> , 2020, 11, 2003.	5.8	49
84	Mapping the world's coral reefs using a global multiscale earth observation framework. <i>Remote Sensing in Ecology and Conservation</i> , 2020, 6, 557-568.	2.2	73
85	Nitrogen enrichment increases greenhouse gas emissions from emerged intertidal sandflats. <i>Scientific Reports</i> , 2020, 10, 6686.	1.6	4
86	Estimating changes and trends in ecosystem extent with dense time-series satellite remote sensing. <i>Conservation Biology</i> , 2021, 35, 325-335.	2.4	17
87	Monitoring Matang's Mangroves in Peninsular Malaysia through Earth observations: A globally relevant approach. <i>Land Degradation and Development</i> , 2021, 32, 354-373.	1.8	15
88	Global protected-area coverage and human pressure on tidal flats. <i>Conservation Biology</i> , 2021, 35, 933-943.	2.4	19
89	Soil carbon storage and carbon sources under different <i>Spartina alterniflora</i> invasion periods in a salt marsh ecosystem. <i>Catena</i> , 2021, 196, 104831.	2.2	44
90	Wetland changes in the Amur River Basin: Differing trends and proximate causes on the Chinese and Russian sides. <i>Journal of Environmental Management</i> , 2021, 280, 111670.	3.8	35

#	ARTICLE	IF	CITATIONS
91	Soil organic matter and salinity as critical factors affecting the bacterial community and function of <i>Phragmites australis</i> dominated riparian and coastal wetlands. <i>Science of the Total Environment</i> , 2021, 762, 143156.	3.9	45
92	Applications of Google Earth Engine in fluvial geomorphology for detecting river channel change. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e21496.	2.8	68
93	Mapping habitat protection priority over a marine ecoregion under information gaps. <i>Diversity and Distributions</i> , 2021, 27, 233-248.	1.9	9
94	Unmixing water and mud: Characterizing diffuse boundaries of subtidal mud banks from individual satellite observations. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 95, 102252.	1.4	4
95	Using sentinel-2 satellite imagery to develop microphytobenthos-based water quality indices in estuaries. <i>Ecological Indicators</i> , 2021, 121, 107184.	2.6	15
96	Function of restored wetlands for waterbird conservation in the Yellow Sea coast. <i>Science of the Total Environment</i> , 2021, 756, 144061.	3.9	23
97	Agroforestry reclamations decreased the CO2 budget of a coastal wetland in the Yangtze estuary. <i>Agricultural and Forest Meteorology</i> , 2021, 296, 108212.	1.9	15
98	Predicting benthic macroalgal abundance in shallow coastal lagoons from geomorphology and hydrologic flow patterns. <i>Limnology and Oceanography</i> , 2021, 66, 123-140.	1.6	7
99	Contribution of Estuarine and Coastal Habitats Within Nursery to the Diets of Juvenile Fish in Spring and Autumn. <i>Estuaries and Coasts</i> , 2021, 44, 1100-1117.	1.0	5
100	Stocks and losses of soil organic carbon from Chinese vegetated coastal habitats. <i>Global Change Biology</i> , 2021, 27, 202-214.	4.2	51
101	Current and projected global extent of marine built structures. <i>Nature Sustainability</i> , 2021, 4, 33-41.	11.5	139
102	Mapping Large-Scale Mangroves along the Maritime Silk Road from 1990 to 2015 Using a Novel Deep Learning Model and Landsat Data. <i>Remote Sensing</i> , 2021, 13, 245.	1.8	30
104	Coastal Habitats, Shallow Seas and Inland Saline Steppes: Ecology, Distribution, Threats and Challenges. <i>Environmental Challenges and Solutions</i> , 2021, , 279-310.	0.5	9
105	Coastal wetlands can be saved from sea level rise by recreating past tidal regimes. <i>Scientific Reports</i> , 2021, 11, 1196.	1.6	31
106	A Classification of Tidal Flat Wetland Vegetation Combining Phenological Features with Google Earth Engine. <i>Remote Sensing</i> , 2021, 13, 443.	1.8	30
107	Tidal Marsh Restoration Optimism in a Changing Climate and Urbanizing Seascape. <i>Estuaries and Coasts</i> , 2021, 44, 1681-1690.	1.0	30
108	Areal Extent, Species Composition, and Spatial Distribution of Coastal Saltmarshes in China. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 7085-7094.	2.3	24
109	Using Sentinel-2 Images to Estimate Topography, Tidal-Stage Lags and Exposure Periods over Large Intertidal Areas. <i>Remote Sensing</i> , 2021, 13, 320.	1.8	7

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110	Systematic assessments of tidal wetlands loss and degradation in Shanghai, China: From the perspectives of area, composition and quality. <i>Global Ecology and Conservation</i> , 2021, 25, e01450.	1.0	10
111	Semi-automated Workflow for Mapping the Extent and Elevation Profile of Intertidal Zone of Parts of Gulf of Kutch, India, Using Landsat Time Series Data. <i>Journal of the Indian Society of Remote Sensing</i> , 2021, 49, 1343-1363.	1.2	6
112	A historical review of sediment export–import shift in the North Branch of Changjiang Estuary. <i>Earth Surface Processes and Landforms</i> , 2022, 47, 5-16.	1.2	15
113	Integrating a Three-Level GIS Framework and a Graph Model to Track, Represent, and Analyze the Dynamic Activities of Tidal Flats. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 61.	1.4	8
114	Conserving migratory species while safeguarding ecosystem services. <i>Ecological Modelling</i> , 2021, 442, 109442.	1.2	3
115	Ten Commandments for Sustainable, Safe, and W/Healthy Sandy Coasts Facing Global Change. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	18
116	Rapid, robust, and automated mapping of tidal flats in China using time series Sentinel-2 images and Google Earth Engine. <i>Remote Sensing of Environment</i> , 2021, 255, 112285.	4.6	130
117	Traditional vs. Machine-Learning Methods for Forecasting Sandy Shoreline Evolution Using Historic Satellite-Derived Shorelines. <i>Remote Sensing</i> , 2021, 13, 934.	1.8	24
118	Coastal reclamation alters soil microbial communities following different land use patterns in the Eastern coastal zone of China. <i>Scientific Reports</i> , 2021, 11, 7265.	1.6	12
119	Evaluation of heavy metal contamination in the tidal flat sediments of Nantong, East China. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	1
120	A detailed mangrove map of China for 2019 derived from Sentinel-1 and -2 images and Google Earth images. <i>Geoscience Data Journal</i> , 2022, 9, 74-88.	1.8	16
121	Workflow for the Generation of Expert-Derived Training and Validation Data: A View to Global Scale Habitat Mapping. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	20
122	Global gradients in intertidal species richness and functional groups. <i>ELife</i> , 2021, 10, .	2.8	12
124	Intersecting Ecosystem Services Across the Aquatic Continuum: From Global Change Impacts to Local, and Biologically Driven, Synergies and Trade-Offs. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	3
125	Retrieving Photometric Properties and Soil Moisture Content of Tidal Flats Using Bidirectional Spectral Reflectance. <i>Remote Sensing</i> , 2021, 13, 1402.	1.8	3
126	Estimating muddy intertidal flat slopes under varied coastal morphology using sequential satellite data and spatial analysis. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 251, 107183.	0.9	2
127	Half of global methane emissions come from highly variable aquatic ecosystem sources. <i>Nature Geoscience</i> , 2021, 14, 225-230.	5.4	388
128	Mismatch between watershed effects and local efforts constrains the success of coastal salt marsh vegetation restoration. <i>Journal of Cleaner Production</i> , 2021, 292, 126103.	4.6	13



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129	Mangrove and Saltmarsh Distribution Mapping and Land Cover Change Assessment for South-Eastern Australia from 1991 to 2015. <i>Remote Sensing</i> , 2021, 13, 1450.	1.8	14
131	How hydrological connectivity regulates the plant recovery process in salt marshes. <i>Journal of Applied Ecology</i> , 2021, 58, 1314-1324.	1.9	11
132	Tidal Flat Extraction and Change Analysis Based on the RF-W Model: A Case Study of Jiaozhou Bay, East China. <i>Remote Sensing</i> , 2021, 13, 1436.	1.8	10
133	Remotely sensed mapping of the intertidal zone: A Sentinel-2 and Google Earth Engine methodology. <i>Remote Sensing Applications: Society and Environment</i> , 2021, 22, 100499.	0.8	10
134	Plant species classification in salt marshes using phenological parameters derived from Sentinel-2 pixel-differential time-series. <i>Remote Sensing of Environment</i> , 2021, 256, 112320.	4.6	52
135	A systematic network-based migratory bird monitoring and protection system is needed in China. <i>Science Bulletin</i> , 2021, 66, 955-957.	4.3	4
136	Mollusc aquaculture homogenizes intertidal soft-sediment communities along the 18,400-km long coastline of China. <i>Diversity and Distributions</i> , 2021, 27, 1553-1567.	1.9	14
137	Parameterizing the Yellow River Delta tidal creek morphology using automated extraction from remote sensing images. <i>Science of the Total Environment</i> , 2021, 769, 144572.	3.9	14
138	Stopover Ecology of Red Knots in Southwestern James Bay During Southbound Migration. <i>Journal of Wildlife Management</i> , 2021, 85, 932-944.	0.7	2
139	Effects of Sediment Characteristics on Carbon Dioxide Fluxes Based on Interacting Factors in Unvegetated Tidal Flats. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
140	Mapping the Extent of Mangrove Ecosystem Degradation by Integrating an Ecological Conceptual Model with Satellite Data. <i>Remote Sensing</i> , 2021, 13, 2047.	1.8	19
141	Tracking Historical Wetland Changes in the China Side of the Amur River Basin Based on Landsat Imagery and Training Samples Migration. <i>Remote Sensing</i> , 2021, 13, 2161.	1.8	7
142	Assessing diatom-mediated fatty acids in intertidal biofilm: a new conservation concern. <i>Environmental Systems Research</i> , 2021, 10, .	1.5	6
144	Spatiotemporal Changes of Coastline over the Yellow River Delta in the Previous 40 Years with Optical and SAR Remote Sensing. <i>Remote Sensing</i> , 2021, 13, 1940.	1.8	26
145	Global abundance estimates for 9,700 bird species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	66
146	Economic and ecological trade-offs of coastal reclamation in the Hangzhou Bay, China. <i>Ecological Indicators</i> , 2021, 125, 107477.	2.6	33
147	Simulating the role of tides and sediment characteristics on tidal flat sorting and bedding dynamics. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 2163-2176.	1.2	5
148	Pervasiveness of Biological Impacts of Artificial Light at Night. <i>Integrative and Comparative Biology</i> , 2021, 61, 1098-1110.	0.9	43

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149	Production of global daily seamless data cubes and quantification of global land cover change from 1985 to 2020 - iMap World 1.0. <i>Remote Sensing of Environment</i> , 2021, 258, 112364.	4.6	80
150	Assessing Habitat Change and Migration of Barrier Islands. <i>Estuaries and Coasts</i> , 2021, 44, 2073.	1.0	4
151	Carbon and Nitrogen Stocks and Burial Rates in Intertidal Vegetated Habitats of a Mesotidal Coastal Lagoon. <i>Ecosystems</i> , 2022, 25, 372-386.	1.6	13
152	Lesions in octocorals of the Costa Rican Caribbean During The 2015–2016 El Niño. <i>Coral Reefs</i> , 2021, 40, 1167-1179.	0.9	1
153	Review on processes and management of saltmarshes across Great Britain. <i>Proceedings of the Geologists Association</i> , 2021, 132, 269-283.	0.6	12
154	Identifying variable changes in wetlands and their anthropogenic threats bordering the Yellow Sea for water bird conservation. <i>Global Ecology and Conservation</i> , 2021, 27, e01613.	1.0	12
155	Deciphering edaphic bacterial community and function potential in a Chinese delta under exogenous nutrient input and salinity stress. <i>Catena</i> , 2021, 201, 105212.	2.2	16
156	Assessing biomass and primary production of microphytobenthos in depositional coastal systems using spectral information. <i>PLoS ONE</i> , 2021, 16, e0246012.	1.1	8
157	Lessons from a global remote sensing mapping project. A review of the impact of the Millennium Coral Reef Mapping Project for science and management. <i>Science of the Total Environment</i> , 2021, 776, 145987.	3.9	21
158	Biogeochemical cycling of iron (hydr-)oxides and its impact on organic carbon turnover in coastal wetlands: A global synthesis and perspective. <i>Earth-Science Reviews</i> , 2021, 218, 103658.	4.0	47
159	Large conservation opportunities exist in >90% of tropic-subtropic coastal habitats adjacent to cities. <i>One Earth</i> , 2021, 4, 1004-1015.	3.6	7
160	The Key Reason of False Positive Misclassification for Accurate Large-Area Mangrove Classifications. <i>Remote Sensing</i> , 2021, 13, 2909.	1.8	6
161	Optimal and robust vegetation mapping in complex environments using multiple satellite imagery: Application to mangroves in Southeast Asia. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 99, 102320.	1.4	5
162	Mapping Mangrove Opportunities with Open Access Data: A Case Study for Bangladesh. <i>Sustainability</i> , 2021, 13, 8212.	1.6	4
163	Opportunities for improving recognition of coastal wetlands in global ecosystem assessment frameworks. <i>Ecological Indicators</i> , 2021, 126, 107694.	2.6	17
164	Complex anthropogenic interaction on vegetation greening in the Chinese Loess Plateau. <i>Science of the Total Environment</i> , 2021, 778, 146065.	3.9	57
165	Marine sediment sustains the accretion of a mixed fluvial-tidal delta. <i>Marine Geology</i> , 2021, 438, 106520.	0.9	14
166	Scientific foundations for an ecosystem goal, milestones and indicators for the post-2020 global biodiversity framework. <i>Nature Ecology and Evolution</i> , 2021, 5, 1338-1349.	3.4	70

#	ARTICLE	IF	CITATIONS
167	Role of rainfall-induced runoff discharge and human disturbance on the morphodynamics and sedimentation in the semienclosed macrotidal flats (Shinsi tidal flats, Korea). <i>Marine Geology</i> , 2021, 438, 106522.	0.9	6
168	Patterns in diversity and species composition in soft-sediment tidepool fishes across topographical types: Implications for conservation with spatial nuances. <i>Marine Environmental Research</i> , 2021, 170, 105442.	1.1	3
169	Indigenous bacterial community and function in phenanthrene-polluted coastal wetlands: Potential for phenanthrene degradation and relation with soil properties. <i>Environmental Research</i> , 2021, 199, 111357.	3.7	16
170	Rapid Reclamation and Degradation of Suaeda salsa Saltmarsh along Coastal China's Northern Yellow Sea. <i>Land</i> , 2021, 10, 835.	1.2	10
171	Comparing the importance of freshwater flows driving primary production in three tropical estuaries. <i>Marine Pollution Bulletin</i> , 2021, 169, 112565.	2.3	14
172	Mapping Atmospheric Exposure of the Intertidal Zone with Sentinel-1 CSAR in Northern Norway. <i>Remote Sensing</i> , 2021, 13, 3354.	1.8	1
173	Future-proofing conservation priorities for sea level rise in coastal urban ecosystems. <i>Biological Conservation</i> , 2021, 260, 109190.	1.9	13
174	Mapping the Delivery of Ecological Functions Combining Field Collected Data and Unmanned Aerial Vehicles (UAVs). <i>Ecosystems</i> , 2022, 25, 948-959.	1.6	5
175	InletTracker: An open-source Python toolkit for historic and near real-time monitoring of coastal inlets from Landsat and Sentinel-2. <i>Geomorphology</i> , 2021, 389, 107830.	1.1	11
176	Satellite-Derived Barrier Response and Recovery Following Natural and Anthropogenic Perturbations, Northern Chandeleur Islands, Louisiana. <i>Remote Sensing</i> , 2021, 13, 3779.	1.8	4
177	Free and open-source software for Geographic Information System on coastal management: A study case of sea-level rise in southern Brazil. <i>Regional Studies in Marine Science</i> , 2021, 48, 102025.	0.4	4
178	Emergy-based evaluation of world coastal ecosystem services. <i>Water Research</i> , 2021, 204, 117656.	5.3	25
179	Spatially discontinuous relationships between salt marsh invasion and mangrove forest fragmentation. <i>Forest Ecology and Management</i> , 2021, 499, 119611.	1.4	11
180	On the use of large-scale biodegradable artificial reefs for intertidal foreshore stabilization. <i>Ecological Engineering</i> , 2021, 170, 106354.	1.6	14
181	Intertidal zone effects on Occurrence, fate and potential risks of microplastics with perspectives under COVID-19 pandemic. <i>Chemical Engineering Journal</i> , 2022, 429, 132351.	6.6	15
182	Heavy metal pollution in coastal wetlands: A systematic review of studies globally over the past three decades. <i>Journal of Hazardous Materials</i> , 2022, 424, 127312.	6.5	41
183	Distribution and Habitat Affinity of Endemic and Threatened Species: Global and European Assessment. <i>Environmental Challenges and Solutions</i> , 2021, , 233-277.	0.5	2
184	Effect of climate change on marine ecosystems. , 2021, , 115-176.		13

#	ARTICLE	IF	CITATIONS
185	Dual threat of tidal flat loss and invasive <i>Spartina alterniflora</i> endanger important shorebird habitat in coastal mainland China. <i>Journal of Environmental Management</i> , 2021, 278, 111549.	3.8	47
186	Space eye on flying aircraft: From Sentinel-2 MSI parallax to hybrid computing. <i>Remote Sensing of Environment</i> , 2020, 246, 111867.	4.6	16
187	Biodiversity, trait composition and ecological functioning: impacts of coastal urbanisation on subtropical mudflats. <i>Marine and Freshwater Research</i> , 2020, 71, 1043.	0.7	4
188	Resolvable estuaries for satellite derived water quality within the continental United States. <i>Remote Sensing Letters</i> , 2020, 11, 535-544.	0.6	13
192	Shady business: the darkening of estuaries constrains benthic ecosystem function. <i>Marine Ecology - Progress Series</i> , 2020, 647, 33-48.	0.9	23
193	An Improved Approach for Monitoring Intertidal Topography Using the Waterline Method. , 2021, , .		0
194	Key Bioturbator Species Within Benthic Communities Determine Sediment Resuspension Thresholds. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
195	Spatial Distributions of Nitrogen and Phosphorus in Surface Sediments in Intertidal Flats of the Yellow River Delta, China. <i>Water (Switzerland)</i> , 2021, 13, 2899.	1.2	3
196	Conserving migratory waterbirds and the coastal zone: the future of South-east Asia's intertidal wetlands. <i>Oryx</i> , 2022, 56, 176-183.	0.5	7
197	Effect of typhoon-induced intertidal flat erosion on dominant macrobenthic species ( <i>Meretrix</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	11
198	Spatial Distribution of Ponds in the Indian Sundarbans Biosphere Reserve: Special Emphasis on Size-Class. <i>Water Science and Technology Library</i> , 2022, , 21-43.	0.2	0
199	Efficient measurement of large-scale decadal shoreline change with increased accuracy in tide-dominated coastal environments with Google Earth Engine. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 181, 385-399.	4.9	27
200	A simple and effective spectral-spatial method for mapping large-scale coastal wetlands using China ZY1-02D satellite hyperspectral images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 104, 102572.	1.4	39
202	Exploring Dynamic Change of the Tidal Flat Aquaculture Area in the Shandong Peninsula (China) using Multitemporal Landsat Imagery (1990-2015). <i>Journal of Coastal Research</i> , 2020, 99, 197.	0.1	7
204	Wader populations on the United Kingdom's open coast: results of the 2015/16 Non-Estuarine Waterbird Survey (NEWS-III) and a review of population trends. <i>Bird Study</i> , 2020, 67, 371-384.	0.4	3
206	A towed-type shallow high-resolution seismic detection system for coastal tidal flats and its application in Eastern China. <i>Journal of Geophysics and Engineering</i> , 2020, 17, 967-979.	0.7	4
207	Rebound in China's coastal wetlands following conservation and restoration. <i>Nature Sustainability</i> , 2021, 4, 1076-1083.	11.5	103
208	Effects of nitrogen on the longitudinal and vertical patterns of the composition and potential function of bacterial and archaeal communities in the tidal mudflats. <i>Science of the Total Environment</i> , 2022, 806, 151210.	3.9	6

#	ARTICLE	IF	CITATIONS
210	Slippery ontologies of tidal flats. <i>Environment and Planning E, Nature and Space</i> , 2022, 5, 340-361.	1.6	5
211	Habitat protection planning for Indo-Pacific humpback dolphins ( <i>Sousa chinensis</i> ) in deteriorating environments: Knowledge gaps and recommendations for action. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2022, 32, 171-185.	0.9	10
212	Spatiotemporal differentiation and development process of tidal creek network morphological characteristics in the Yellow River Delta. <i>Journal of Chinese Geography</i> , 2021, 31, 1633-1654.	1.5	3
213	Sub-continental-scale mapping of tidal wetland composition for East Asia: A novel algorithm integrating satellite tide-level and phenological features. <i>Remote Sensing of Environment</i> , 2022, 269, 112799.	4.6	53
214	Monitoring coastal reclamation changes across Jiangsu Province during 1984–2019 using landsat data. <i>Marine Policy</i> , 2022, 136, 104887.	1.5	22
215	Tidal flood area mapping in the face of climate change scenarios: case study in a tropical estuary in the Brazilian semi-arid region. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 3353-3366.	1.5	3
216	N <sub>2</sub> O emission dynamics along an intertidal elevation gradient in a subtropical estuary: Importance of N <sub>2</sub> O consumption. <i>Environmental Research</i> , 2022, 205, 112432.	3.7	12
217	The Impact of Reclamation on Tidal Flat Morphological Equilibrium. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	1
218	The Spatiotemporal Characteristics and Dynamic Changes of Tidal Flats in Florida from 1984 to 2020. <i>Geographies</i> , 2021, 1, 292-314.	0.6	5
219	Cutting the costs of coastal protection by integrating vegetation in flood defences. <i>Nature Communications</i> , 2021, 12, 6533.	5.8	39
220	Mapping and analyzing the annual dynamics of tidal flats in the conterminous United States from 1984 to 2020 using Google Earth Engine. <i>Environmental Advances</i> , 2022, 7, 100147.	2.2	7
221	Remote sensing and the UN Ocean Decade: high expectations, big opportunities. <i>Remote Sensing in Ecology and Conservation</i> , 2022, 8, 267-271.	2.2	4
222	Distribution, sources, and ecological risk assessment of polycyclic aromatic hydrocarbons (PAHs) in the tidal creek water of coastal tidal flats in the Yellow River Delta, China. <i>Marine Pollution Bulletin</i> , 2021, 173, 113110.	2.3	31
223	Exogenous Nitrogen from Riverine Exports Promotes Soil Methane Production in Saltmarshes in China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
225	Responses of a macrobenthic community to seasonal freshwater flow in a wet-dry tropical estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 265, 107736.	0.9	8
226	Mapping global flying aircraft activities using Landsat 8 and cloud computing. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 184, 19-30.	4.9	2
227	Cost benefit analysis of survey methods for assessing intertidal sediment disturbance: A bait collection case study. <i>Journal of Environmental Management</i> , 2022, 306, 114386.	3.8	3
228	Increasing fragmentation and squeezing of coastal wetlands: Status, drivers, and sustainable protection from the perspective of remote sensing. <i>Science of the Total Environment</i> , 2022, 811, 152339.	3.9	32

#	ARTICLE	IF	CITATIONS
229	Seven ecological and technical attributes for biofilm-based recovery of shorebird populations in intertidal flat ecosystems. <i>Ecological Solutions and Evidence</i> , 2021, 2, .	0.8	4
230	Deriving Tidal Flat Topography Using ICESat-2 Laser Altimetry and Sentinel-2 Imagery. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	9
231	Remote Sensing Analysis of Erosion in Arctic Coastal Areas of Alaska and Eastern Siberia. <i>Remote Sensing</i> , 2022, 14, 589.	1.8	4
232	Coastal Fishes in Tidal Flats and Salt Marshes. , 2022, , 379-394.		1
233	A review of carbon monitoring in wet carbon systems using remote sensing. <i>Environmental Research Letters</i> , 2022, 17, 025009.	2.2	29
234	Stability evaluation of tidal flats based on time-series satellite images: A case study of the Jiangsu central coast, China. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 264, 107697.	0.9	10
235	Application of Artificial Neural Networks for Mangrove Mapping Using Multi-Temporal and Multi-Source Remote Sensing Imagery. <i>Water (Switzerland)</i> , 2022, 14, 244.	1.2	15
236	Modeling the Morphodynamic Response of Estuarine Intertidal Shoals to Sea-Level Rise. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	8
237	The Pacific as the world's greatest theater of bird migration: Extreme flights spark questions about physiological capabilities, behavior, and the evolution of migratory pathways. <i>Auk</i> , 2022, 139, .	0.7	9
238	Thermal stress affects bioturbators' burrowing behavior: A mesocosm experiment on common cockles ( <i>Cerastoderma edule</i> ). <i>Science of the Total Environment</i> , 2022, 824, 153621.	3.9	15
239	Migration tactics and connectivity of a Nearctic–Neotropical migratory shorebird. <i>Journal of Animal Ecology</i> , 2022, 91, 819-830.	1.3	7
240	Plant-plant interactions of <i>Phragmites australis</i> and <i>Suaeda salsa</i> as mediated by combined influences of salinity and tidal level changes. <i>Plant and Soil</i> , 2022, 474, 141-161.	1.8	5
241	Classifying the Nunivak Island Coastline Using the Random Forest Integration of the Sentinel-2 and ICESat-2 Data. <i>Land</i> , 2022, 11, 240.	1.2	6
242	Global rarity of intact coastal regions. <i>Conservation Biology</i> , 2022, 36, .	2.4	45
244	Merging of the Case 2 Regional Coast Colour and Maximum-Peak Height chlorophyll-a algorithms: validation and demonstration of satellite-derived retrievals across US lakes. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 179.	1.3	3
245	On-Site Investigations of Coastal Erosion and Accretion for the Northeast of Taiwan. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 282.	1.2	9
246	Conserving unprotected important sites for shorebirds on China's coasts. <i>Ecosphere</i> , 2022, 13, .	1.0	5
248	Statewide USGS 3DEP Lidar Topographic Differencing Applied to Indiana, USA. <i>Remote Sensing</i> , 2022, 14, 847.	1.8	6

#	ARTICLE	IF	CITATIONS
249	Temporal changes in benthos at intertidal zones' communities in the Kuma River system: ecological monitoring before, during, and after the Arase dam removal. <i>Ecology and Civil Engineering</i> , 2022, , .	0.1	0
250	The Effects of Tidal Flat Reclamation on the Stability of the Coastal Area in the Jiangsu Province, China, from the Perspective of Landscape Structure. <i>Land</i> , 2022, 11, 421.	1.2	8
251	Identifying large-area mangrove distribution based on remote sensing: A binary classification approach considering subclasses of non-mangroves. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 108, 102750.	1.4	1
252	Evidence of improvements in the water quality of coastal areas around China. <i>Science of the Total Environment</i> , 2022, 832, 155147.	3.9	4
253	Mapping Tidal Flats of the Bohai and Yellow Seas Using Time Series Sentinel-2 Images and Google Earth Engine. <i>Remote Sensing</i> , 2022, 14, 1789.	1.8	14
254	Processes, feedbacks, and morphodynamic evolution of tidal flat“marsh systems: Progress and challenges. <i>Water Science and Engineering</i> , 2022, 15, 89-102.	1.4	6
255	Cohesiveness of the Nigerian Mahin mud coast sediment: Implications for erodibility and morphodynamic modelling. <i>Journal of African Earth Sciences</i> , 2022, 189, 104503.	0.9	1
256	Secular diachronic analysis of coastal marshes and lagoons evolution: Study case of the Po river delta (Italy). <i>Estuarine, Coastal and Shelf Science</i> , 2022, 268, 107781.	0.9	1
257	Maximising resilience to sea-level rise in urban coastal ecosystems through systematic conservation planning. <i>Landscape and Urban Planning</i> , 2022, 221, 104374.	3.4	10
258	Image-based machine learning for monitoring the dynamics of the largest salt marsh in the Yangtze River Delta. <i>Journal of Hydrology</i> , 2022, 608, 127681.	2.3	11
259	The first national scale evaluation of total nitrogen stocks and burial rates of intertidal sediments along the entire coast of South Korea. <i>Science of the Total Environment</i> , 2022, 827, 154320.	3.9	3
260	An evaluating system for wetland ecological risk: Case study in coastal mainland China. <i>Science of the Total Environment</i> , 2022, 828, 154535.	3.9	17
261	Temporal and spatial dynamics of tropical macroalgal contributions to blue carbon. <i>Science of the Total Environment</i> , 2022, 828, 154369.	3.9	18
262	Mapping the rapid development of photovoltaic power stations in northwestern China using remote sensing. <i>Energy Reports</i> , 2022, 8, 4117-4127.	2.5	32
263	Statistical Analysis for Tidal Flat Classification and Topography Using Multitemporal SAR Backscattering Coefficients. <i>Remote Sensing</i> , 2021, 13, 5169.	1.8	2
264	Evolutions of 30-Year Spatio-Temporal Distribution and Influencing Factors of Suaeda salsa in Bohai Bay, China. <i>Remote Sensing</i> , 2022, 14, 138.	1.8	12
265	China's Ecological Conservation Redline policy is a new opportunity to meet post“2020 protected area targets. <i>Conservation Letters</i> , 2022, 15, .	2.8	17
267	Study on the influence of intensive human activities on the variation process of tidal flat resources in Chongming Island. <i>Journal of Natural Resources</i> , 2022, 37, 1025.	0.4	1

#	ARTICLE	IF	CITATIONS
268	Plant Adaptability and Vegetation Differentiation in the Coastal Beaches of Yellowâ€“Bohai Sea in China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2225.	1.2	1
269	An emerging coastal wetland management dilemma between mangrove expansion and shorebird conservation. <i>Conservation Biology</i> , 2022, 36, .	2.4	16
270	Strong migratory connectivity indicates Willets need subspecies-specific conservation strategies. <i>Condor</i> , 2022, 124, .	0.7	2
271	The Spatiotemporal Characteristics and Interactions between Urban Expansion and Tidal Flat Dynamics: A Case Study of Three Highly Urbanized Coastal Counties in the Southeastern United States. <i>Earth</i> , 2022, 3, 557-576.	0.9	2
272	Combining Bootstrapping Procedure and Citizen Science Data to Elucidate Waterbirdsâ€™ Dependence on Coastal Wetland. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	1
276	Sediment sorting and bedding dynamics of tidal flat wetlands: Modeling the signature of storms. <i>Journal of Hydrology</i> , 2022, 610, 127913.	2.3	6
277	High-resolution mapping of losses and gains of Earthâ€™s tidal wetlands. <i>Science</i> , 2022, 376, 744-749.	6.0	138
278	Global estimates of the extent and production of macroalgal forests. <i>Global Ecology and Biogeography</i> , 2022, 31, 1422-1439.	2.7	75
279	A phenology-based vegetation index classification (PVC) algorithm for coastal salt marshes using Landsat 8 images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 110, 102776.	0.9	5
280	Bait input altered microbial community structure and increased greenhouse gases production in coastal wetland sediment. <i>Water Research</i> , 2022, 218, 118520.	5.3	58
281	Detection and characterization of coastal tidal wetland change in the northeastern US using Landsat time series. <i>Remote Sensing of Environment</i> , 2022, 276, 113047.	4.6	35
282	Priority areas for mixed-species mangrove restoration: the suitable species in the right sites. <i>Environmental Research Letters</i> , 2022, 17, 065001.	2.2	11
283	Coastline detection in satellite imagery: A deep learning approach on new benchmark data. <i>Remote Sensing of Environment</i> , 2022, 278, 113044.	4.6	33
284	Incorporating ecological values into the valuation system of uninhabited islands in China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 110, 102819.	0.9	0
285	Global coastal geomorphology â€“ integrating earth observation and geospatial data. <i>Remote Sensing of Environment</i> , 2022, 278, 113082.	4.6	15
286	Soil Bacterial Communities and Co-Occurrence Changes Associated with Multi-Nutrient Cycling Under Rice-Wheat Rotation Reclamation in Coastal Wetland. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
287	Tidal Flats as a Significant Carbon Reservoir in Global Coastal Ecosystems. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	10
288	Spatiotemporal Change Detection of Coastal Wetlands Using Multi-Band SAR Coherence and Synergetic Classification. <i>Remote Sensing</i> , 2022, 14, 2610.	1.8	6



#	ARTICLE	IF	CITATIONS
289	Increased river flow enhances the resilience of spatially patterned mudflats to erosion. <i>Water Research</i> , 2022, 220, 118660.	5.3	2
290	Soil health evaluation approaches along a reclamation consequence in Hangzhou Bay, China. <i>Agriculture, Ecosystems and Environment</i> , 2022, 337, 108045.	2.5	16
291	Generalized Composite Mangrove Index for Mapping Mangroves Using Sentinel-2 Time Series Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 5131-5146.	2.3	3
292	Reclamation of Tidal Flats Within Tidal Basins Alters Centennial Morphodynamic Adaptation to Sea-Level Rise. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	5
293	Surface-area development of foredune trough blowouts and associated parabolic dunes quantified from time series of satellite imagery. <i>Aeolian Research</i> , 2022, 57, 100812.	1.1	5
294	æ½²æ»©ç”Ÿç%©-ç%©ç†ä’ é   ^æœ²ä^†ä,žç³»ç»Ÿç³æœ•â”ç”ç©†è¿;â±•. <i>Chinese Science Bulletin</i> , 2022, , .	0.4	0
295	Earth observation for ecosystem accounting: spatially explicit national seagrass extent and carbon stock in Kenya, Tanzania, Mozambique and Madagascar. <i>Remote Sensing in Ecology and Conservation</i> , 2022, 8, 778-792.	2.2	11
296	Combining Multispectral and Radar Imagery with Machine Learning Techniques to Map Intertidal Habitats for Migratory Shorebirds. <i>Remote Sensing</i> , 2022, 14, 3260.	1.8	10
297	The land-sea interface mapping: China’s coastal land covers at 10Âm for 2020. <i>Science Bulletin</i> , 2022, 67, 1750-1754.	4.3	5
298	FROM-GLC Plus: toward near real-time and multi-resolution land cover mapping. <i>GIScience and Remote Sensing</i> , 2022, 59, 1026-1047.	2.4	29
299	A tube-shaped solidâ€“liquid-interfaced triboelectricâ€“electromagnetic hybrid nanogenerator for efficient ocean wave energy harvesting. <i>Nano Energy</i> , 2022, 100, 107540.	8.2	15
300	Cracks and root channels promote both static and dynamic vertical hydrological connectivity in the Yellow River Delta. <i>Journal of Cleaner Production</i> , 2022, 367, 132972.	4.6	3
301	Suitability evaluation of carrying capacity and utilization patterns on tidal flats of Bohai Rim in China. <i>Journal of Environmental Management</i> , 2022, 319, 115688.	3.8	11
302	Zonations and oscillations via heterotrophic processes in tidal unvegetated aquifersâ€. <i>Hydrological Processes</i> , 0, , .	1.1	1
303	Spatially Explicit Seagrass Extent Mapping Across the Entire Mediterranean. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	14
305	Satellite-Derived Trends in Inundation Frequency Reveal the Fate of Saltmarshes. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	0
306	Unraveling the wheel of recruitment for salt-marsh seedlings: Resistance to and recovery after dislodgement. <i>Science of the Total Environment</i> , 2022, 847, 157595.	3.9	2
307	Large increase in CH4 emission following conversion of coastal marsh to aquaculture ponds caused by changing gas transport pathways. <i>Water Research</i> , 2022, 222, 118882.	5.3	13

#	ARTICLE	IF	CITATIONS
308	Change Detection of Tidal Flat Images based on Siamese Network. , 2022, , .		0
309	Global Mangrove Extent Change 1996â€“2020: Global Mangrove Watch Version 3.0. Remote Sensing, 2022, 14, 3657.	1.8	83
310	Tracking changes in extent and distribution of tropical coastal covers using simple semi-supervised classification. Remote Sensing Applications: Society and Environment, 2022, 27, 100822.	0.8	0
311	Competing effects of vegetation density on sedimentation in deltaic marshes. Nature Communications, 2022, 13, .	5.8	7
312	Where ecologically â€™tis better to go brown than green: enhanced seagrass macrobenthic biodiversity within the canals of a brownfield coastal marina. Biodiversity and Conservation, 2022, 31, 2981-2997.	1.2	5
313	Mapping Morphodynamic Variabilities of a Meso-Tidal Flat in Shanghai Based on Satellite-Derived Data. Remote Sensing, 2022, 14, 4123.	1.8	3
314	Long-Time-Series Evolution and Ecological Effects of Coastline Length in Coastal Zone: A Case Study of the Circum-Bohai Coastal Zone, China. Land, 2022, 11, 1291.	1.2	4
315	Using citizen science to estimate surficial soil Blue Carbon stocks in Great British saltmarshes. Frontiers in Marine Science, 0, 9, .	1.2	11
316	Improved maps of surface water bodies, large dams, reservoirs, and lakes in China. Earth System Science Data, 2022, 14, 3757-3771.	3.7	20
317	Coupling nearâ€™surface geomorphology with mangrove community diversity at the estuarine scale: A case study at Dongzhaigang Bay, China. Sedimentology, 0, , .	1.6	1
318	Soil Bacterial Community Structure in Different Micro-Habitats on the Tidal Creek Section in the Yellow River Estuary. Frontiers in Ecology and Evolution, 0, 10, .	1.1	1
319	Salinity drives shifts in soil microbial community composition and network complexity along vegetation community succession in coastal tidal flats. Estuarine, Coastal and Shelf Science, 2022, 276, 108005.	0.9	4
320	Cascading effects of climate change on recreational marine flats fishes and fisheries. Environmental Biology of Fishes, 2023, 106, 381-416.	0.4	9
321	Coastal mudflats as reservoirs of extracellular antibiotic resistance genes: Studies in Eastern China. Journal of Environmental Sciences, 2023, 129, 58-68.	3.2	3
322	Soil bacterial communities and co-occurrence changes associated with multi-nutrient cycling under rice-wheat rotation reclamation in coastal wetland. Ecological Indicators, 2022, 144, 109485.	2.6	9
323	Evaluation of Ionospheric Delay for Moon-Based Repeat-Pass InSAR Based on International Reference Ionosphere Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 6631-6644.	2.3	0
324	Characteristics, Sources, and Risk Assessment of Polycyclic Aromatic Hydrocarbons in Uncultivated Land Soils and Coastal Beach Sediments in the Yellow River Delta, China. SSRN Electronic Journal, 0, , .	0.4	0
325	Assessing Changes in Ecosystem Services and the Causing Factors of Their Degradation in Nakatsu Mudflat, Japan, Utilizing Traditional and Local Knowledge. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
326	Environment Monitoring of Shanghai Nanhui Intertidal Zone With Dual-Polarimetric SAR Data Based on Deep Learning. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-18.	2.7	3
327	Application of UAV-Based Photogrammetry Without Ground Control Points in Quantifying Intertidal Mudflat Morphodynamics. , 2022, , .		2
328	Mapping Dynamic Turbidity Maximum Zone of the Yellow River Estuary from 38 Years of Landsat Imagery. <i>Remote Sensing</i> , 2022, 14, 3782.	1.8	3
329	High-resolution global maps of tidal flat ecosystems from 1984 to 2019. <i>Scientific Data</i> , 2022, 9, .	2.4	14
330	Effects of coastal marsh conversion to shrimp aquaculture ponds on sediment nitrogen fixation. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	1
331	Air-water CO <sub>2</sub> and water-sediment O <sub>2</sub> exchanges over a tidal flat in Tokyo Bay. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	1
332	Mapping African wetlands for 2020 using multiple spectral, geo-ecological features and Google Earth Engine. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 193, 252-268.	4.9	12
333	Decision surface optimization in mapping exotic mangrove species ( <i>Sonneratia apetala</i> ) across latitudinal coastal areas of China. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 193, 269-283.	4.9	7
334	Exploring the Optimal Scale of Coastal Reclamation Activities Based on an Environmental Capacity Assessment System: A Case Study in Haizhou Bay, China. <i>Buildings</i> , 2022, 12, 1673.	1.4	0
335	Monitoring Wetland Landscape Evolution Using Landsat Time-Series Data: A Case Study of the Nantong Coast, China. <i>Sustainability</i> , 2022, 14, 13718.	1.6	0
336	A function-based typology for Earth's ecosystems. <i>Nature</i> , 2022, 610, 513-518.	13.7	86
337	Ocean Remote Sensing Techniques and Applications: A Review (Part I). <i>Water (Switzerland)</i> , 2022, 14, 3400.	1.2	3
338	Multi-Sensor Remote Sensing of Intertidal Flat Habitats for Migratory Shorebird Conservation. <i>Remote Sensing</i> , 2022, 14, 5016.	1.8	4
339	Assessing the 2022 Flood Impacts in Queensland Combining Daytime and Nighttime Optical and Imaging Radar Data. <i>Remote Sensing</i> , 2022, 14, 5009.	1.8	8
340	Sources, sinks, and cycling of dissolved organic copper binding ligands in the ocean. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	2.6	9
341	Long-term human expansion and the environmental impacts on the coastal zone of China. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	2
342	Seawall-induced impacts on large river delta wetlands and blue carbon storage under sea level rise. <i>Science of the Total Environment</i> , 2023, 859, 159891.	3.9	5
343	Global changes in coastal wetlands of importance for non-breeding shorebirds. <i>Science of the Total Environment</i> , 2023, 858, 159707.	3.9	4

#	ARTICLE	IF	CITATIONS
344	Thirty-year changes of the coastlines, wetlands, and ecosystem services in the Asia major deltas. <i>Journal of Environmental Management</i> , 2023, 326, 116675.	3.8	13
345	River Deltas and Sea-Level Rise. <i>Annual Review of Earth and Planetary Sciences</i> , 2023, 51, 79-104.	4.6	12
346	Exploring the risks and benefits of flexibility in biodiversity offset location in a case study of migratory shorebirds. <i>Conservation Biology</i> , 2023, 37, .	2.4	4
347	Research on the Spatiotemporal Evolution of Mangrove Forests in the Hainan Island from 1991 to 2021 Based on SVM and Res-UNet Algorithms. <i>Remote Sensing</i> , 2022, 14, 5554.	1.8	4
348	coastTrain: A Global Reference Library for Coastal Ecosystems. <i>Remote Sensing</i> , 2022, 14, 5766.	1.8	6
349	Precise Wetland Mapping in Southeast Asia for the Ramsar Strategic Plan 2016â€“24. <i>Remote Sensing</i> , 2022, 14, 5730.	1.8	0
350	The effects of flow pulses on river plumes in the Yellow River Estuary, in spring. <i>Journal of Hydroinformatics</i> , 2023, 25, 36-50.	1.1	1
351	Conversion of coastal wetland to aquaculture ponds decreased N2O emission: Evidence from a multi-year field study. <i>Water Research</i> , 2022, 227, 119326.	5.3	16
352	Sediment carbon sequestration and sources in peri-urban tidal flats and adjacent wetlands in a megacity. <i>Marine Pollution Bulletin</i> , 2022, 185, 114368.	2.3	2
353	Mining and utilization of salinity tolerant legumes in tropical coastal agroecosystems: An overview. <i>Grass Research</i> , 2022, 2, 1-13.	0.6	1
354	Long-term changes in ecosystem functioning of a coastal bay expected from a shifting balance between intertidal and subtidal habitats. <i>Continental Shelf Research</i> , 2023, 254, 104904.	0.9	4
355	Can cheniers protect mangroves along eroding coastlines? â€“ The effect of contrasting foreshore types on mangrove stability. <i>Ecological Engineering</i> , 2023, 187, 106863.	1.6	3
356	Landscape ecological risk assessment and driving mechanism of coastal estuarine tidal flatsâ€“A case study of the liaohe estuary wetlands. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	7
357	Timeâ€“series remote sensing of rice paddy expansion in the Yellow River Delta: Towards sustainable ecological conservation in the context of water scarcity. <i>Remote Sensing in Ecology and Conservation</i> , 2023, 9, 454-468.	2.2	1
358	Spatial and seasonal variation in macrozoobenthic density, biomass and community composition in a major tropical intertidal area, the BijagÃ³s Archipelago, West-Africa. <i>PLoS ONE</i> , 2022, 17, e0277861.	1.1	1
359	Variety in responses of wintering oystercatchers <i>Haematopus ostralegus</i> to nearâ€“collapse of their prey in the Exe Estuary, <sc>UK</sc>. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	0
360	Life history characteristics and burrow structure of the mud shrimp (Decapoda: Upogebiidae). <i>Plankton and Benthos Research</i> , 2022, 17, 327-337.	0.2	3
361	Snow cover dynamics: an overlooked yet important feature of winter bird occurrence and abundance across the United States. <i>Ecography</i> , 2023, 2023, .	2.1	2

#	ARTICLE	IF	CITATIONS
362	A Machine-Learning Approach to Intertidal Mudflat Mapping Combining Multispectral Reflectance and Geomorphology from UAV-Based Monitoring. <i>Remote Sensing</i> , 2022, 14, 5857.	1.8	4
363	Hydrodynamics of Meander Bends in Intertidal Mudflats: A Field Study From the Macrotidal Yangkou Coast, China. <i>Water Resources Research</i> , 2022, 58, .	1.7	1
364	Morphodynamic signatures derived from daily surface elevation dynamics can explain the morphodynamic development of tidal flats. <i>Water Science and Engineering</i> , 2023, 16, 14-25.	1.4	2
366	Global hotspots of salt marsh change and carbon emissions. <i>Nature</i> , 2022, 612, 701-706.	13.7	45
367	Detecting annual anthropogenic encroachment on intertidal vegetation using full Landsat time-series in Fujian, China. <i>GIScience and Remote Sensing</i> , 2022, 59, 2266-2282.	2.4	3
368	Vietnam wetland cover map: using hydro-periods Sentinel-2 images and Google Earth Engine to explore the mapping method of tropical wetland. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 115, 103122.	0.9	5
370	Does experimental seaweed cultivation affect benthic communities and shorebirds? Applications for extensive aquaculture. <i>Ecological Applications</i> , 2023, 33, .	1.8	3
371	A framework for fine classification of urban wetlands based on random forest and knowledge rules: taking the wetland cities of Haikou and Yinchuan as examples. <i>GIScience and Remote Sensing</i> , 2022, 59, 2144-2163.	2.4	10
372	Recording and modeling the seasonal growth of salt marsh vegetation at Liao river estuary, China, based on the wetland image monitoring system (WIMS). <i>Wetlands Ecology and Management</i> , 0, , .	0.7	0
373	Research on the Impact of Water Conservancy Projects on Downstream Floodplain Wetlands—Taking Yimin River as an Example. <i>Water (Switzerland)</i> , 2022, 14, 4064.	1.2	0
374	Bacterial community characteristics in the rhizosphere of <i>Suaeda glauca</i> versus bulk soil in coastal silt soil modified by sea-sand and their implications. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	0
375	Enhancing the predictive performance of remote sensing for ecological variables of tidal flats using encoded features from a deep learning model. <i>GIScience and Remote Sensing</i> , 2023, 60, .	2.4	3
376	GWL_FCS30: a global 30‰m wetland map with a fine classification system using multi-sourced and time-series remote sensing imagery in 2020. <i>Earth System Science Data</i> , 2023, 15, 265-293.	3.7	30
377	Spatiotemporal variations of tidal flat landscape patterns and driving forces in the Yangtze River Delta, China. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	3
378	Extraction and spatiotemporal evolution analysis of tidal flats in the Bohai Rim during 1984–2019 based on remote sensing. <i>Journal of Chinese Geography</i> , 2023, 33, 76-98.	1.5	4
379	Sources and sequestration rate of organic carbon in sediments of the bare tidal flat ecosystems: A model approach. <i>Marine Environmental Research</i> , 2023, 185, 105876.	1.1	0
381	Observation of the Coastal Areas, Estuaries and Deltas from Space. <i>Surveys in Geophysics</i> , 2023, 44, 1309-1356.	2.1	12
382	A remote sensing-based approach for spatiotemporal refined assessment of freshwater wetland ecological risk in coastal zones: A case in Jiangsu's coastal zone. <i>Land Degradation and Development</i> , 2023, 34, 3810-3822.	1.8	1

#	ARTICLE	IF	CITATIONS
383	Study of the spatial and temporal distributions of tidal flat surface sediment based on multitemporal remote sensing. <i>Frontiers in Marine Science</i> , 0, 10, .	1.2	2
384	Impacts of tidal flat reclamation on suspended sediment dynamics in the tidal-dominated Wenzhou Coast, China. <i>Frontiers in Marine Science</i> , 0, 10, .	1.2	1
385	Modeling strategies and data needs for representing coastal wetland vegetation in land surface models. <i>New Phytologist</i> , 2023, 238, 938-951.	3.5	12
386	Spatial and Temporal Evolution Monitoring and Ecological Risk Assessment of Coastal Wetlands on Hainan Island, China. <i>Remote Sensing</i> , 2023, 15, 1035.	1.8	3
387	A comparison and coupling of two novel sensors for intertidal bed level dynamics observation. <i>Limnology and Oceanography: Methods</i> , 2023, 21, 209-219.	1.0	0
388	Increased salinity decreases annual gross primary productivity at a Northern California brackish tidal marsh. <i>Environmental Research Letters</i> , 2023, 18, 034045.	2.2	1
389	Continental-scale wetland mapping: A novel algorithm for detailed wetland types classification based on time series Sentinel-1/2 images. <i>Ecological Indicators</i> , 2023, 148, 110113.	2.6	12
390	Quantifying and mapping the human footprint across Earth's coastal areas. <i>Ocean and Coastal Management</i> , 2023, 236, 106476.	2.0	6
391	Estimating the amount of food ingested by the ocypodid crab <i>Macrophthalmus japonicus</i> via feeding pellets. <i>Estuarine, Coastal and Shelf Science</i> , 2023, 285, 108299.	0.9	1
392	Ecological restoration approaches for degraded muddy coasts: Recommendations and practice. <i>Ecological Indicators</i> , 2023, 149, 110182.	2.6	2
393	Mudflat surface sediment type mapping by remote sensing considering the effect of the chlorophyll-a content. <i>Estuarine, Coastal and Shelf Science</i> , 2023, 284, 108276.	0.9	0
394	Multi- and hyperspectral classification of soft-bottom intertidal vegetation using a spectral library for coastal biodiversity remote sensing. <i>Remote Sensing of Environment</i> , 2023, 290, 113554.	4.6	9
395	Construction of international important wetland White-headed crane ecological corridor in Chongming Dongtan, China. <i>Ecological Indicators</i> , 2023, 149, 110156.	2.6	6
396	Effects of landscape modification on coastal sediment nitrogen availability, microbial functional gene abundances and N <sub>2</sub> O production potential across the tropical-subtropical gradient. <i>Environmental Research</i> , 2023, 227, 115829.	3.7	2
397	Policy-driven opposite changes of coastal aquaculture ponds between China and Vietnam: Evidence from Sentinel-1 images. <i>Aquaculture</i> , 2023, 571, 739474.	1.7	1
398	Effects of conversion of coastal marshes to aquaculture ponds on sediment anaerobic CO <sub>2</sub> production and emission in a subtropical estuary of China. <i>Journal of Environmental Management</i> , 2023, 338, 117813.	3.8	5
400	Tracking changes in coastal land cover in the Yellow Sea, East Asia, using Sentinel-1 and Sentinel-2 time-series images and Google Earth Engine. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2023, 196, 429-444.	4.9	8
401	Trophic Cascades in Coastal Ecosystems. , 2023, , .		3

#	ARTICLE	IF	CITATIONS
402	Remote sensing for cost-effective blue carbon accounting. <i>Earth-Science Reviews</i> , 2023, 238, 104337.	4.0	7
403	Synchronous Declines of Wintering Waders and High-Tide Roost Area in a Temperate Estuary: Results of a 10-Year Monitoring Programme. <i>Waterbirds</i> , 2023, 45, .	0.2	3
404	Low-Cost Microcontroller-Based Multiparametric Probe for Coastal Area Monitoring. <i>Sensors</i> , 2023, 23, 1871.	2.1	10
405	Remote and local threats are associated with population change in Taiwanese migratory waterbirds. <i>Global Ecology and Conservation</i> , 2023, 42, e02402.	1.0	1
407	The Sensitivity of Tidal Channel Systems to Initial Bed Conditions, Vegetation, and Tidal Asymmetry. <i>Journal of Geophysical Research F: Earth Surface</i> , 2023, 128, .	1.0	2
408	Potential Loss of Ecosystem Service Value Due to Vessel Activity Expansion in Indonesian Marine Protected Areas. <i>ISPRS International Journal of Geo-Information</i> , 2023, 12, 75.	1.4	2
409	Distinct Ecological Processes Mediate Domain-Level Differentiation in Microbial Spatial Scaling. <i>Applied and Environmental Microbiology</i> , 2023, 89, .	1.4	1
410	Contribution of Land Cover Classification Results Based on Sentinel-1 and 2 to the Accreditation of Wetland Cities. <i>Remote Sensing</i> , 2023, 15, 1275.	1.8	4
411	Sentinel-2 mapping of a turbid intertidal seagrass meadow in Southern Vietnam. <i>Geocarto International</i> , 2023, 38, .	1.7	1
412	UAV-Hyperspectral Imaging to Estimate Species Distribution in Salt Marshes: A Case Study in the Cadiz Bay (SW Spain). <i>Remote Sensing</i> , 2023, 15, 1419.	1.8	6
413	Temporal dynamics of heatwaves are key drivers of sediment mixing by bioturbators. <i>Limnology and Oceanography</i> , 2023, 68, 1105-1116.	1.6	1
414	Biophysical contexture of coastal biofilm-sediments varies heterogeneously and seasonally at the centimeter scale across the bed-water interface. <i>Frontiers in Marine Science</i> , 0, 10, .	1.2	0
415	Review on the Impact of COVID-19 Pandemic on Change of CO2 Emission and Blue Carbon. <i>Journal of the Korean Society for Marine Environment &amp; Energy</i> , 2023, 26, 89-101.	0.1	0
416	Monitoring multidecadal coastline change and reconstructing tidal flat topography. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2023, 118, 103260.	0.9	0
417	Nanochitosan derived from marine bacteria. , 2023, , 147-168.		2
418	RadWet: An Improved and Transferable Mapping of Open Water and Inundated Vegetation Using Sentinel-1. <i>Remote Sensing</i> , 2023, 15, 1705.	1.8	2
419	Climate-driven tradeoffs between landscape connectivity and the maintenance of the coastal carbon sink. <i>Nature Communications</i> , 2023, 14, .	5.8	12
420	Management of U.S. Agricultural Lands Differentially Affects Avian Habitat Connectivity. <i>Land</i> , 2023, 12, 746.	1.2	0

#	ARTICLE	IF	CITATIONS
421	Soil Carbon, Nitrogen, and Phosphorus Stoichiometry and Fractions in Blue Carbon Ecosystems: Implications for Carbon Accumulation in Allochthonous-Dominated Habitats. <i>Environmental Science &amp; Technology</i> , 2023, 57, 5913-5923.	4.6	9
422	Effects of microtopographic patterns on plant growth and soil improvement in coastal wetlands of the Yellow River Delta. <i>Frontiers in Plant Science</i> , 0, 14, .	1.7	1
423	Spatio-Temporal Changes of Mangrove-Covered Tidal Flats over 35 Years Using Satellite Remote Sensing Imageries: A Case Study of Beibu Gulf, China. <i>Remote Sensing</i> , 2023, 15, 1928.	1.8	0
424	Species-based Mapping of Carbon Stocks in Salt Marsh: Tianjin Coastal Zone as a Case Study. <i>Ecosystem Health and Sustainability</i> , 2023, 9, .	0.0	1
425	Early indicators of tidal ecosystem shifts in estuaries. <i>Nature Communications</i> , 2023, 14, .	5.8	3
427	Greening the ocean economy. , 0, 2, .		1
428	Long-term impacts of climate change on coastal and transitional eco-systems in India: an overview of its current status, future projections, solutions, and policies. <i>RSC Advances</i> , 2023, 13, 12204-12228.	1.7	13
429	Going under: The implications of sea-level rise and reduced light availability on intertidal primary production. <i>Limnology and Oceanography</i> , 2023, 68, 1301-1315.	1.6	4
431	Research priorities for the sustainability of coral-rich western Pacific seascapes. <i>Regional Environmental Change</i> , 2023, 23, .	1.4	0
442	Coastal Development: Resilience, Restoration and Infrastructure Requirements. , 2023, , 213-277.		1
465	The extent and distribution of the world's wetlands. , 2023, , 91-114.		0
466	What's happening to the world's wetlands?. , 2023, , 219-235.		0
488	Distribution of Microplastics in Man-made Water Bodies. , 2023, , 197-220.		0
507	Marine Ecosystems. , 2023, , 27-51.		0
509	Blue Carbon: Challenges for Definition, Valuation and Governance. , 2023, , .		0
511	Coastal Systems: The Dynamic Interface Between Land and Sea. <i>Advances in Geographical and Environmental Sciences</i> , 2023, , 207-229.	0.4	0
514	Geology, Morphology, and Sedimentology of Estuaries and Coasts. , 2023, , .		0
521	Estuarine and Coastal Ecosystems and Their Services. , 2023, , .		0



#	ARTICLE	IF	CITATIONS
526	Removal of Physical Materials From Systems Loss of Space, Area, and Habitats. , 2024, , 92-138.		0
529	Mapping Estuaries and Coasts's™ Contributions to People. , 2024, , 180-207.		0
531	Tropical Intertidal Wetlands are Hotspots of Carbon Storage and Nutrient Transformations. , 2024, , 508-518.		0