

# Colin D Woodroffe

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

201 papers	7,709 citations	51 h-index	78 g-index
210 ext. papers	8,992 ext. citations	4.6 avg, IF	6.43 L-index

#	Paper	IF	Citations
201	Post-glacial sea-level changes around the Australian margin: a review. <i>Quaternary Science Reviews</i> , <b>2013</b> , 74, 115-138	3.9	252
200	Mangrove Sedimentation and Response to Relative Sea-Level Rise. <i>Annual Review of Marine Science</i> , <b>2016</b> , 8, 243-66	15.4	213
199	Reef-island topography and the vulnerability of atolls to sea-level rise. <i>Global and Planetary Change</i> , <b>2008</b> , 62, 77-96	4.2	211
198	Development of widespread mangrove swamps in mid-Holocene times in northern Australia. <i>Nature</i> , <b>1985</b> , 317, 711-713	50.4	205
197	Wetland carbon storage controlled by millennial-scale variation in relative sea-level rise. <i>Nature</i> , <b>2019</b> , 567, 91-95	50.4	168
196	Allochthonous and autochthonous contributions to carbon accumulation and carbon store in southeastern Australian coastal wetlands. <i>Estuarine, Coastal and Shelf Science</i> , <b>2013</b> , 128, 84-92	2.9	162
195	Depositional model of a macrotidal estuary and floodplain, South Alligator River, Northern Australia. <i>Sedimentology</i> , <b>1989</b> , 36, 737-756	3.3	162
194	Climate change and coastal vulnerability assessment: scenarios for integrated assessment. <i>Sustainability Science</i> , <b>2008</b> , 3, 89-102	6.4	154
193	The impact of sea-level rise on mangrove shorelines. <i>Progress in Physical Geography</i> , <b>1990</b> , 14, 483-520	3.5	147
192	Mangrove sediments and geomorphology. <i>Coastal and Estuarine Studies</i> , <b>1992</b> , 7-41		139
191	Indicator-based assessment of climate-change impacts on coasts: A review of concepts, methodological approaches and vulnerability indices. <i>Ocean and Coastal Management</i> , <b>2016</b> , 123, 18-43	3.9	132
190	Mangrove Biogeography: The Role of Quaternary Environmental and Sea-Level Change. <i>Journal of Biogeography</i> , <b>1991</b> , 18, 479	4.1	130
189	Interactions between sea-level rise and wave exposure on reef island dynamics in the Solomon Islands. <i>Environmental Research Letters</i> , <b>2016</b> , 11, 054011	6.2	125
188	Fringing reef growth and morphology: a review. <i>Earth-Science Reviews</i> , <b>2002</b> , 57, 255-277	10.2	117
187	Coastal Ecosystems: A Critical Element of Risk Reduction. <i>Conservation Letters</i> , <b>2014</b> , 7, 293-301	6.9	116
186	Coastal evolution on volcanic oceanic islands: A complex interplay between volcanism, erosion, sedimentation, sea-level change and biogenic production. <i>Earth-Science Reviews</i> , <b>2013</b> , 127, 140-170	10.2	112
185	Coral reefs and sea-level change. <i>Marine Geology</i> , <b>2014</b> , 352, 248-267	3.3	111

184	Thresholds of mangrove survival under rapid sea level rise. <i>Science</i> , <b>2020</b> , 368, 1118-1121	33.3	105
183	Atoll reef-island formation and response to sea-level change: West Island, Cocos (Keeling) Islands. <i>Marine Geology</i> , <b>1999</b> , 160, 85-104	3.3	101
182	Response of tide-dominated mangrove shorelines in Northern Australia to anticipated sea-level rise. <i>Earth Surface Processes and Landforms</i> , <b>1995</b> , 20, 65-85	3.7	95
181	Assessing vulnerability to sea-level rise using a coastal sensitivity index: a case study from southeast Australia. <i>Journal of Coastal Conservation</i> , <b>2010</b> , 14, 189-205	1.9	94
180	Estuarine infill and coastal progradation, southern van diemen gulf, northern Australia. <i>Sedimentary Geology</i> , <b>1993</b> , 83, 257-275	2.8	93
179	Quaternary Sea-Level Changes: A Global Perspective <b>2014</b> ,		91
178	Sea-level rise and coastal change: the past as a guide to the future. <i>Quaternary Science Reviews</i> , <b>2012</b> , 54, 4-11	3.9	90
177	Rates of shoreline change along the coast of Bangladesh. <i>Journal of Coastal Conservation</i> , <b>2013</b> , 17, 515-526	5.6	86
176	Mid-late Holocene El Niño variability in the equatorial Pacific from coral microatolls. <i>Geophysical Research Letters</i> , <b>2003</b> , 30,	4.9	86
175	A weak El Niño/Southern Oscillation with delayed seasonal growth around 4,300 years ago. <i>Nature Geoscience</i> , <b>2013</b> , 6, 949-953	18.3	85
174	Microatolls and recent sea level change on coral atolls. <i>Nature</i> , <b>1990</b> , 344, 531-534	50.4	82
173	Studies of a mangrove basin, Tuff Crater, New Zealand: I. Mangrove biomass and production of detritus. <i>Estuarine, Coastal and Shelf Science</i> , <b>1985</b> , 20, 265-280	2.9	82
172	Holocene reef growth in Torres Strait. <i>Marine Geology</i> , <b>2000</b> , 170, 331-346	3.3	81
171	Landscape Variability and the Response of Asian Megadeltas to Environmental Change <b>2006</b> , 277-314		80
170	Rhodoliths and coralloliths of Muri Lagoon, Rarotonga, Cook Islands. <i>Coral Reefs</i> , <b>1985</b> , 4, 71-80	4.2	72
169	Mangrove swamp stratigraphy and Holocene transgression, Grand Cayman Island, West Indies. <i>Marine Geology</i> , <b>1981</b> , 41, 271-294	3.3	72
168	Saltwater intrusion into the coastal plains of the Lower Mary River, Northern Territory, Australia. <i>Journal of Environmental Management</i> , <b>1998</b> , 54, 169-188	7.9	70
167	Mid-Pacific microatolls record sea-level stability over the past 5000 yr. <i>Geology</i> , <b>2012</b> , 40, 951-954	5	64

166	Tidal-creek extension and saltwater intrusion in northern Australia. <i>Geology</i> , <b>1991</b> , 19, 831	5	64
165	Litter production and decomposition in the New Zealand mangrove, <i>Avicennia marina</i> var. <i>resinifera</i> . <i>New Zealand Journal of Marine and Freshwater Research</i> , <b>1982</b> , 16, 179-188	1.3	63
164	Storm impact and evolution of a mangrove-fringed chenier plain, Shoal Bay, Darwin, Australia. <i>Marine Geology</i> , <b>1999</b> , 159, 303-321	3.3	61
163	Interdependency of tropical marine ecosystems in response to climate change. <i>Nature Climate Change</i> , <b>2014</b> , 4, 724-729	21.4	60
162	Reef-island accretion and soil development on Makin, Kiribati, central Pacific. <i>Catena</i> , <b>2001</b> , 44, 245-261	5.8	60
161	Historical area and shoreline change of reef islands around Tarawa Atoll, Kiribati. <i>Sustainability Science</i> , <b>2013</b> , 8, 345-362	6.4	58
160	The influence of rock resistance on coastal morphology around Lord Howe Island, southwest Pacific. <i>Earth Surface Processes and Landforms</i> , <b>2004</b> , 29, 629-643	3.7	56
159	Microatolls as sea-level indicators on a mid-ocean atoll. <i>Marine Geology</i> , <b>2000</b> , 168, 61-78	3.3	56
158	The evolution of tidal creek networks, Mary River, northern Australia. <i>Earth Surface Processes and Landforms</i> , <b>1992</b> , 17, 167-190	3.7	56
157	Late Quaternary sea-level highstands in the Tasman Sea: evidence from Lord Howe Island. <i>Marine Geology</i> , <b>1995</b> , 125, 61-72	3.3	54
156	Incremental accretion of a sandy reef island over the past 3000 years indicated by component-specific radiocarbon dating. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	53
155	Australian approaches to coastal vulnerability assessment. <i>Sustainability Science</i> , <b>2008</b> , 3, 67-87	6.4	53
154	Deltaic and estuarine environments and their Late Quaternary dynamics on the Sunda and Sahul shelves. <i>Journal of Asian Earth Sciences</i> , <b>2000</b> , 18, 393-413	2.8	53
153	Production of mangrove litter in a macrotidal embayment, Darwin Harbour, N.T., Australia. <i>Estuarine, Coastal and Shelf Science</i> , <b>1988</b> , 26, 581-598	2.9	53
152	Surface elevation change and vegetation distribution dynamics in a subtropical coastal wetland: Implications for coastal wetland response to climate change. <i>Estuarine, Coastal and Shelf Science</i> , <b>2014</b> , 149, 46-56	2.9	52
151	Development of a chenier plain, Firth of Thames, New Zealand. <i>Marine Geology</i> , <b>1983</b> , 53, 1-22	3.3	50
150	Investigating compound flooding in an estuary using hydrodynamic modelling: a case study from the Shoalhaven River, Australia. <i>Natural Hazards and Earth System Sciences</i> , <b>2018</b> , 18, 463-477	3.9	50
149	Late quaternary evolution of coastal and lowland riverine plains of Southeast Asia and northern Australia: an overview. <i>Sedimentary Geology</i> , <b>1993</b> , 83, 163-175	2.8	49

148	Thermoluminescence dating of aeolianites from Lord Howe Island and South-West Western Australian. <i>Quaternary Science Reviews</i> , <b>2001</b> , 20, 841-846	3.9	47
147	Holocene lagoonal sedimentation at the latitudinal limits of reef growth, Lord Howe Island, Tasman Sea. <i>Marine Geology</i> , <b>2000</b> , 169, 287-304	3.3	46
146	Late Quaternary sea-level highstands in the central and eastern Indian Ocean: A review. <i>Global and Planetary Change</i> , <b>2005</b> , 49, 121-138	4.2	45
145	Coral microatolls and 20th century sea level in the eastern Indian Ocean. <i>Earth and Planetary Science Letters</i> , <b>2001</b> , 191, 173-184	5.3	45
144	Studies of a mangrove basin, Tuff Crater, New Zealand: III. The flux of organic and inorganic particulate matter. <i>Estuarine, Coastal and Shelf Science</i> , <b>1985</b> , 20, 447-461	2.9	44
143	Pleistocene morphology and Holocene emergence of Christmas (Kiritimati) Island, Pacific Ocean. <i>Coral Reefs</i> , <b>1998</b> , 17, 235-248	4.2	43
142	Moving from deterministic towards probabilistic coastal hazard and risk assessment: Development of a modelling framework and application to Narrabeen Beach, New South Wales, Australia. <i>Coastal Engineering</i> , <b>2015</b> , 96, 92-99	4.8	42
141	Chronology of Quaternary coastal aeolianite deposition and the drowned shorelines of southwestern Western Australia: A reappraisal. <i>Quaternary Science Reviews</i> , <b>2014</b> , 93, 106-124	3.9	40
140	Towards more robust chronologies of coastal progradation: Optically stimulated luminescence ages for the coastal plain at Moruya, south-eastern Australia. <i>Holocene</i> , <b>2015</b> , 25, 536-546	2.6	40
139	Coral microatolls from the central Pacific record Late Holocene El Niño. <i>Geophysical Research Letters</i> , <b>2000</b> , 27, 1511-1514	4.9	40
138	Coastal Morphology and Late Quaternary History, Cayman Islands, West Indies. <i>Quaternary Research</i> , <b>1983</b> , 19, 64-84	1.9	40
137	Headland sand bypassing [Quantification of net sediment transport in embayed beaches, Santa Catarina Island North Shore, Southern Brazil. <i>Marine Geology</i> , <b>2016</b> , 379, 13-27	3.3	39
136	Paleoenvironmental Records, Geophysical Modeling, and Reconstruction of Sea-Level Trends and Variability on Centennial and Longer Timescales <b>2010</b> , 61-121		38
135	Holocene emergence in the Cook Islands, South Pacific. <i>Coral Reefs</i> , <b>1990</b> , 9, 31-39	4.2	38
134	Response of coral reefs to climate change: Expansion and demise of the southernmost Pacific coral reef. <i>Geophysical Research Letters</i> , <b>2010</b> , 37, n/a-n/a	4.9	37
133	Holocene palaeoecology and formation of the Shoalhaven River deltaic-estuarine plains, southeast Australia. <i>Holocene</i> , <b>2001</b> , 11, 407-418	2.6	36
132	Spatial variation of above-ground carbon storage in temperate coastal wetlands. <i>Estuarine, Coastal and Shelf Science</i> , <b>2018</b> , 210, 55-67	2.9	34
131	Improving the synoptic mapping of coral reef geomorphology using object-based image analysis. <i>International Journal of Geographical Information Science</i> , <b>2011</b> , 25, 949-969	4.1	34

130	Carbonate sedimentation on subtropical shelves around Lord Howe Island and Balls Pyramid, Southwest Pacific. <i>Marine Geology</i> , <b>2002</b> , 188, 333-349	3.3	34
129	A global biophysical typology of mangroves and its relevance for ecosystem structure and deforestation. <i>Scientific Reports</i> , <b>2020</b> , 10, 14652	4.9	33
128	Mapping of mangrove extent and zonation using high and low tide composites of Landsat data. <i>Hydrobiologia</i> , <b>2017</b> , 803, 49-68	2.4	32
127	Recurrence of Extreme Coastal Erosion in SE Australia Beyond Historical Timescales Inferred From Beach Ridge Morphostratigraphy. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 4705-4714	4.9	31
126	Environmental control of the oxygen isotope composition of Porites coral microatolls. <i>Geochimica Et Cosmochimica Acta</i> , <b>2011</b> , 75, 3930-3944	5.5	31
125	Sea level and coral atolls: Late Holocene emergence in the Indian Ocean. <i>Geology</i> , <b>1990</b> , 18, 62	5	31
124	Studies of a mangrove basin, Tuff Crater, New Zealand: II. Comparison of volumetric and velocity-area methods of estimating tidal flux. <i>Estuarine, Coastal and Shelf Science</i> , <b>1985</b> , 20, 431-445	2.9	31
123	Punctuated progradation of the Seven Mile Beach Holocene barrier system, southeastern Tasmania. <i>Marine Geology</i> , <b>2017</b> , 386, 76-87	3.3	30
122	Stratigraphy and Chronology of Late Pleistocene Reefs in the Southern Cook Islands, South Pacific. <i>Quaternary Research</i> , <b>1991</b> , 35, 246-263	1.9	30
121	Winners and losers as mangrove, coral and seagrass ecosystems respond to sea-level rise in Solomon Islands. <i>Environmental Research Letters</i> , <b>2017</b> , 12, 094009	6.2	29
120	Holocene development of the lower Mary River plains, Northern Territory, Australia. <i>Holocene</i> , <b>1998</b> , 8, 565-579	2.6	29
119	Measuring, mapping and modelling: an integrated approach to the management of mangrove and saltmarsh in the Minnamurra River estuary, southeast Australia. <i>Wetlands Ecology and Management</i> , <b>2012</b> , 20, 353-371	2.1	28
118	Geomorphological Evolution of Lord Howe Island and Carbonate Production at the Latitudinal Limit to Reef Growth. <i>Journal of Coastal Research</i> , <b>2006</b> , 221, 188-201	0.6	28
117	Wave-dominated coasts <b>1995</b> , 121-186		28
116	Holocene emergence and evolution of the McArthur River Delta, southwestern Gulf of Carpentaria, Australia. <i>Sedimentary Geology</i> , <b>1993</b> , 83, 303-317	2.8	28
115	Integrating Climate and Ocean Change Vulnerability into Conservation Planning. <i>Coastal Management</i> , <b>2012</b> , 40, 651-672	3.3	28
114	Assessing relative vulnerability to sea-level rise in the western part of the Mekong River Delta in Vietnam. <i>Sustainability Science</i> , <b>2016</b> , 11, 645-659	6.4	27
113	Quaternary calcarenite stratigraphy on Lord Howe Island, southwestern Pacific Ocean and the record of coastal carbonate deposition. <i>Quaternary Science Reviews</i> , <b>2003</b> , 22, 859-880	3.9	27

112	Use of $^{210}\text{Pb}$ and $^{137}\text{Cs}$ to simultaneously constrain ages and sources of post-dam sediments in the Cordeaux reservoir, Sydney, Australia. <i>Journal of Environmental Radioactivity</i> , <b>2008</b> , 99, 1111-20	2.4	26
111	Litter fall beneath <i>Rhizophora stylosa</i> griff., Vaitupu, Tuvalu, South Pacific. <i>Aquatic Botany</i> , <b>1984</b> , 18, 249-255	1.8	26
110	Morphodynamics of coastal evolution <b>1995</b> , 33-86		25
109	Vascular plant species-area relationships on Nui Atoll, Tuvalu, Central Pacific: a reassessment of the small island effect. <i>Austral Ecology</i> , <b>1986</b> , 11, 21-31	1.5	25
108	Sea-Level Rise Impacts and Responses: A Global Perspective. <i>Coastal Research Library</i> , <b>2013</b> , 117-149	0.4	24
107	Rocky coast hazards and public safety: Moving beyond the beach in coastal risk management. <i>Ocean and Coastal Management</i> , <b>2013</b> , 82, 85-94	3.9	24
106	Rapid U-series dating of young fossil corals by laser ablation MC-ICPMS. <i>Quaternary Geochronology</i> , <b>2011</b> , 6, 195-206	2.7	24
105	A morphodynamic model of reef-island development on atolls. <i>Sedimentary Geology</i> , <b>2007</b> , 197, 47-63	2.8	24
104	Geomorphology and Late Quaternary development of Middleton and Elizabeth Reefs. <i>Coral Reefs</i> , <b>2004</b> , 23, 249	4.2	24
103	Mangrove response to sea level rise: palaeoecological insights from macrotidal systems in northern Australia. <i>Marine and Freshwater Research</i> , <b>2018</b> , 69, 917	2.2	23
102	Simulating reef response to sea-level rise at Lizard Island: A geospatial approach. <i>Geomorphology</i> , <b>2014</b> , 222, 151-161	4.3	22
101	Assessing Reef-Island Shoreline Change Using UAV-Derived Orthomosaics and Digital Surface Models. <i>Drones</i> , <b>2019</b> , 3, 44	5.4	21
100	Tectonic subsidence provides insight into possible coral reef futures under rapid sea-level rise. <i>Coral Reefs</i> , <b>2016</b> , 35, 155-167	4.2	21
99	Pleistocene Patch Reefs and Holocene Swamp Morphology, Grand Cayman Island, West Indies. <i>Journal of Biogeography</i> , <b>1980</b> , 7, 103	4.1	21
98	Chronology, Morphology and GPR-imaged Internal Structure of the Callala Beach Prograded Barrier in Southeastern Australia. <i>Journal of Coastal Research</i> , <b>2016</b> , 75, 318-322	0.6	20
97	Morphological characterisation of reef types in Torres Strait and an assessment of their carbonate production. <i>Marine Geology</i> , <b>2013</b> , 338, 64-75	3.3	19
96	Supporting Local and Traditional Knowledge with Science for Adaptation to Climate Change: Lessons Learned from Participatory Three-Dimensional Modeling in BoeBoe, Solomon Islands. <i>Coastal Management</i> , <b>2015</b> , 43, 424-438	3.3	19
95	Radiocarbon in corals from the Cocos (Keeling) Islands and implications for Indian Ocean circulation. <i>Geophysical Research Letters</i> , <b>2005</b> , 32,	4.9	19



94	Mauke, Mitiaro and Atiu: geomorphology of Makatea Islands in the southern Cooks. <i>Atoll Research Bulletin</i> , <b>1990</b> , 341, 1-65	0.4	19
93	Identifying spatial variability and complexity in wetland vegetation using an object-based approach. <i>International Journal of Remote Sensing</i> , <b>2016</b> , 37, 4296-4316	3.1	19
92	Terrestrial laser scanning to quantify above-ground biomass of structurally complex coastal wetland vegetation. <i>Estuarine, Coastal and Shelf Science</i> , <b>2018</b> , 204, 164-176	2.9	18
91	Nearshore wave environments around a sandy cay on a platform reef, Torres Strait, Australia. <i>Continental Shelf Research</i> , <b>2008</b> , 28, 2257-2274	2.4	18
90	Rapid shoreline progradation followed by vertical foredune building at Pedro Beach, southeastern Australia. <i>Earth Surface Processes and Landforms</i> , <b>2019</b> , 44, 655-666	3.7	18
89	Historical perspectives on the mangroves of Kakadu National Park. <i>Marine and Freshwater Research</i> , <b>2018</b> , 69, 1047	2.2	18
88	High coral cover on a mesophotic, subtropical island platform at the limits of coral reef growth. <i>Continental Shelf Research</i> , <b>2016</b> , 130, 34-46	2.4	17
87	Marine Reservoir Correction for the Cocos (Keeling) Islands, Indian Ocean. <i>Radiocarbon</i> , <b>2004</b> , 46, 603-610	1.6	17
86	Last interglacial reef and subsidence of the Cocos (Keeling) Islands, Indian Ocean. <i>Marine Geology</i> , <b>1991</b> , 96, 137-143	3.3	17
85	Wetland vegetation <b>1996</b> , 81-112		17
84	Postglacial fringing-reef to barrier-reef conversion on Tahiti links Darwin's reef types. <i>Scientific Reports</i> , <b>2014</b> , 4, 4997	4.9	16
83	Quaternary inheritance of coastal landforms, Cobourg Peninsula, northern territory. <i>Australian Geographer</i> , <b>1992</b> , 23, 101-115	2.1	16
82	Opportunities and challenges for mangrove carbon sequestration in the Mekong River Delta in Vietnam. <i>Sustainability Science</i> , <b>2016</b> , 11, 661-677	6.4	16
81	Response of Mangrove Shorelines to Sea-level Change.. <i>Tropics</i> , <b>1999</b> , 8, 159-177	0.9	15
80	The application of LiDAR to investigate foredune morphology and vegetation. <i>Geomorphology</i> , <b>2018</b> , 303, 106-121	4.3	15
79	Interglacial-glacial climatic signatures preserved in a regressive coastal barrier, southeastern Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2018</b> , 501, 124-135	2.9	14
78	Formation of beach-ridge plains: an appreciation of the contribution by Jack L. Davies. <i>Geographical Research</i> , <b>2017</b> , 55, 305-320	1.6	14
77	Tidal estuary width convergence: Theory and form in North Australian estuaries. <i>Earth Surface Processes and Landforms</i> , <b>2010</b> , 35, n/a-n/a	3.7	14



76	Quaternary aminostratigraphy of eolianite on Lord Howe Island, Southwest Pacific Ocean. <i>Quaternary Science Reviews</i> , <b>2003</b> , 22, 387-406	3.9	14
75	Radiocarbon and thermoluminescence dating of the Old Alluvium from a coastal site in Perak, Malaysia. <i>Sedimentary Geology</i> , <b>1993</b> , 83, 199-210	2.8	14
74	Geomorphology as an indicator of the biophysical vulnerability of estuaries to coastal and flood hazards in a changing climate. <i>Journal of Coastal Conservation</i> , <b>2016</b> , 20, 127-144	1.9	14
73	Relative sea-level records preserved in Holocene beach-ridge strandplains [An example from tropical northeastern Australia. <i>Marine Geology</i> , <b>2019</b> , 411, 107-118	3.3	13
72	Shore platform development on an uplifting limestone island over multiple sea-level cycles, Niue, South Pacific. <i>Geomorphology</i> , <b>2012</b> , 141-142, 170-182	4.3	13
71	Relict mangrove stand on Last Interglacial terrace, Christmas Island, Indian Ocean. <i>Journal of Tropical Ecology</i> , <b>1988</b> , 4, 1-17	1.3	13
70	The geomorphology of the flanks of the Lord Howe Island volcano, Tasman Sea, Australia. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2011</b> , 58, 899-908	2.3	12
69	Episodes of reef growth at Lord Howe Island, the southernmost reef in the southwest Pacific. <i>Global and Planetary Change</i> , <b>2005</b> , 49, 222-237	4.2	12
68	Spatial Variation in Carbon Storage: A Case Study for Currumbene Creek, NSW, Australia. <i>Journal of Coastal Research</i> , <b>2016</b> , 75, 1297-1301	0.6	11
67	Modelling Hydrodynamic Impacts of Sea-Level Rise on Wave-Dominated Australian Estuaries with Differing Geomorphology. <i>Journal of Marine Science and Engineering</i> , <b>2018</b> , 6, 66	2.4	11
66	Growth-limiting size of atoll-islets: Morphodynamics in nature. <i>Marine Geology</i> , <b>2008</b> , 247, 159-177	3.3	11
65	Holocene shoreline progradation and coastal evolution at Guichen and Rivoli Bays, southern Australia. <i>Holocene</i> , <b>2020</b> , 30, 106-124	2.6	11
64	Morphogenetic modelling of coastal and estuarine evolution. <i>Earth-Science Reviews</i> , <b>2017</b> , 171, 254-271	10.2	10
63	Transition from marine to fluvial-dominated sediment supply at Shoalhaven prograded barrier, southeastern Australia. <i>Geomorphology</i> , <b>2019</b> , 341, 65-78	4.3	10
62	Coral microatolls <b>2015</b> , 125-145		10
61	Evolution from estuary to delta: Alluvial plain morphology and sedimentary characteristics of the Shoalhaven River mouth, southeastern Australia. <i>Estuarine, Coastal and Shelf Science</i> , <b>2020</b> , 242, 106857	2.9	10
60	An argument for probabilistic coastal hazard assessment: Retrospective examination of practice in New South Wales, Australia. <i>Ocean and Coastal Management</i> , <b>2014</b> , 95, 147-155	3.9	10
59	DELTAS IN THE GULF OF CARPENTARIA, AUSTRALIA: FORMS, PROCESSES, AND PRODUCTS <b>2003</b> , 21-43		10

58	Temperate coastal wetland near-surface carbon storage: Spatial patterns and variability. <i>Estuarine, Coastal and Shelf Science</i> , <b>2020</b> , 235, 106584	2.9	10
57	Holocene evolution of the wave-dominated embayed Moruya coastline, southeastern Australia: Sediment sources, transport rates and alongshore interconnectivity. <i>Quaternary Science Reviews</i> , <b>2020</b> , 247, 106566	3.9	10
56	Rainfall Variability in the Shoalhaven River Catchment and its Relation to Climatic Indices. <i>Water Resources Management</i> , <b>2015</b> , 29, 4963-4976	3.7	9
55	Scenarios for Coastal Vulnerability Assessment <b>2011</b> , 289-303		9
54	Holocene evolution of the Minnamurra River estuary, southeast Australia: foraminiferal evidence. <i>Zeitschrift für Geomorphologie</i> , <b>2010</b> , 54, 79-98	1.9	9
53	A Comparison of Shoreline Changes Estimated Using the Base of Beach and Edge of Vegetation Line at North Keeling Island.. <i>Journal of Coastal Research</i> , <b>2016</b> , 75, 967-971	0.6	9
52	Estuarine infill and formation of Deltaic Plains, Shoalhaven River.. <i>Wetlands Australia</i> , <b>2010</b> , 18, 72		9
51	Mapping the Shoreface of Coastal Sediment Compartments to Improve Shoreline Change Forecasts in New South Wales, Australia. <i>Estuaries and Coasts</i> , <b>2020</b> , 1	2.8	8
50	Development of a Seamless, High-Resolution Bathymetric Model to Compare Reef Morphology around the Subtropical Island Shelves of Lord Howe Island and Balls Pyramid, Southwest Pacific Ocean. <i>Geosciences (Switzerland)</i> , <b>2018</b> , 8, 11	2.7	8
49	Submerged fossil reefs discovered beyond the limit of modern reef growth in the Pacific Ocean. <i>Geomorphology</i> , <b>2015</b> , 246, 579-588	4.3	8
48	Coastline Degradation as an Indicator of Global Change <b>2009</b> , 409-424		8
47	Carbonate sediments of Elizabeth and Middleton Reefs close to the southern limits of reef growth in the southwest Pacific. <i>Australian Journal of Earth Sciences</i> , <b>2004</b> , 51, 847-857	1.4	8
46	Reef islands of the Cocos (Keeling) Islands. <i>Atoll Research Bulletin</i> , <b>1994</b> , 403, 1-36	0.4	8
45	Interdecadal Foredune Changes along the Southeast Australian Coastline: 1942-2014. <i>Journal of Marine Science and Engineering</i> , <b>2019</b> , 7, 177	2.4	7
44	Assessing the Vulnerability of Asian Megadeltas to Climate Change Using GIS. <i>Coastal Systems and Continental Margins</i> , <b>2010</b> , 379-391		7
43	The Soils of Kiritimati (Christmas) Island, Kiribati, Central Pacific: New Information and Comparison with Previous Studies. <i>Pacific Science</i> , <b>2009</b> , 63, 397-411	0.9	7
42	Assessing Soil Remobilisation in Catchments using a <sup>137</sup> Cs-sediment Hillslope Model. <i>Australian Geographer</i> , <b>2008</b> , 39, 445-465	2.1	7
41	Coastal evolution: an introduction <b>1995</b> , 1-32		7

40	Chapter 15 The rock coasts of oceanic islands. <i>Geological Society Memoir</i> , <b>2014</b> , 40, 247-261	0.4	6
39	Geology and Sedimentary History of Modern Estuaries. <i>Developments in Paleoenvironmental Research</i> , <b>2017</b> , 45-74		6
38	Holocene evolution of the Ninety Mile Beach sand barrier, Victoria, Australia: The role of sea level, sediment supply and climate.. <i>Marine Geology</i> , <b>2020</b> , 430, 106366	3.3	6
37	Mangrove Sediments of Little Cayman. Geography and Ecology of Little Cayman. <i>Atoll Research Bulletin</i> , <b>1980</b> , 241, 17-22	0.4	5
36	Coastline Degradation as an Indicator of Global Change <b>2016</b> , 309-324		5
35	Mesophotic corals on the subtropical shelves of Lord Howe Island and Balls Pyramid, south-western Pacific Ocean. <i>Marine and Freshwater Research</i> , <b>2019</b> , 70, 43	2.2	5
34	The turnaround from transgression to regression of Holocene barrier systems in south-eastern Australia: Geomorphology, geological framework and geochronology. <i>Sedimentology</i> , <b>2021</b> , 68, 943-986	3.3	5
33	A morphology-based drowning risk index for rock platform fishing: a case study from southeastern Australia. <i>Natural Hazards</i> , <b>2019</b> , 96, 837-856	3	4
32	Morphological Exposure of Rocky Platforms: Filling the Hazard Gap Using UAVs. <i>Drones</i> , <b>2019</b> , 3, 42	5.4	4
31	Wind influence on the orientation of estuarine landforms: An example from Lake Illawarra in southeastern Australia. <i>Earth Surface Processes and Landforms</i> , <b>2018</b> , 43, 2915-2925	3.7	4
30	Coral atolls <b>1995</b> , 267-302		4
29	Sea level. <i>Progress in Physical Geography</i> , <b>1993</b> , 17, 359-368	3.5	4
28	Spatial Analysis for Coastal Vulnerability Assessment <b>2016</b> , 367-396		4
27	Comparing static and dynamic flood models in estuarine environments: a case study from south-east Australia. <i>Marine and Freshwater Research</i> , <b>2019</b> , 70, 781	2.2	4
26	Reef development at high-latitudes during multiple interglacial cycles: New evidence from Lord Howe Island, southwestern Pacific. <i>Carbonates and Evaporites</i> , <b>2007</b> , 22, 23-32	1.3	3
25	Macrotidal estuaries <b>1995</b> , 187-218		3
24	Sea level. <i>Progress in Physical Geography</i> , <b>1995</b> , 19, 391-398	3.5	3
23	Vegetation and flora of Nui Atoll, Tuvalu. <i>Atoll Research Bulletin</i> , <b>1985</b> , 283, 1-18	0.4	3

22	Estuaries and coastal wetlands of the southern hemisphere <b>An overview. <i>Estuarine, Coastal and Shelf Science</i>, 2021, 250, 107125</b>	2.9	3
21	12 Vulnerability assessment <b>2010, 262-290</b>		2
20	Algal encrustation and the interpretation of radiocarbon dating of coral clasts. <i>Coral Reefs</i> , <b>2004</b> , 23, 509	4.2	2
19	Sea level. <i>Progress in Physical Geography</i> , <b>1994</b> , 18, 436-451	3.5	2
18	Use of airborne Lidar to investigate mangrove accommodation space in macrotidal estuaries of northern Australia. <i>Estuarine, Coastal and Shelf Science</i> , <b>2020</b> , 245, 106988	2.9	2
17	Poleward Extension of Reefs. <i>Encyclopedia of Earth Sciences Series</i> , <b>2011</b> , 813-815	0	2
16	Contemporary distribution of benthic foraminiferal assemblages in coastal wetlands of south-eastern Australia. <i>Estuarine, Coastal and Shelf Science</i> , <b>2020</b> , 245, 106949	2.9	2
15	Inundation characteristics of mangrove and saltmarsh in micro-tidal estuaries. <i>Estuarine, Coastal and Shelf Science</i> , <b>2021</b> , 261, 107553	2.9	2
14	Mangrove Shorelines <b>251-267</b>		2
13	A methodological framework for reconstructing historical delta front morphology: case study at Macquarie rivulet delta within Lake Illawarra, Australia. <i>Journal of Coastal Conservation</i> , <b>2019</b> , 23, 717-726 <sup>1.9</sup>		1
12	Surficial sediment data from the Shoalhaven River delta: Bed channel and adjacent beach. <i>Data in Brief</i> , <b>2020</b> , 31, 105813	1.2	1
11	A framework for modelling the risks of climate-change impacts on Australian coasts <b>2014, 181-189</b>		1
10	Geomorphic Features and Infauna Diversity of a Subtropical Mid-Ocean Carbonate Shelf <b>2012, 375-386</b>		1
9	Preface: Application of GIS to the coast. <i>Journal of Spatial Science</i> , <b>2007</b> , 52, 69-71	1.6	1
8	Geomorphological and climatic setting and the development of mangrove forests. <i>Tasks for Vegetation Science</i> , <b>1993</b> , 13-20	0.9	1
7	The Lowland Terraces. <i>Geographical Journal</i> , <b>1980</b> , 146, 21	2.2	1
6	Carbon storage in coastal wetlands is related to elevation and how it changes over time. <i>Estuarine, Coastal and Shelf Science</i> , <b>2022</b> , 267, 107775	2.9	1
5	Tidal Flats and Salt Marshes <b>227-250</b>		1

4	The Morphology and Development of Coastal Wetlands in the Tropics <b>2019</b> , 79-103		1
3	Sediment budget of a river-fed wave-dominated coastal compartment. <i>Marine Geology</i> , <b>2021</b> , 441, 106617	3.3	1
2	Intertidal wetland geomorphology influences main channel hydrodynamics in a mature barrier estuary. <i>Estuarine, Coastal and Shelf Science</i> , <b>2022</b> , 267, 107783	2.9	0
1	Reply to the comment by Dougherty, A.J. on Relative sea-level records preserved in Holocene beach-ridge strandplains [An example from tropical northeastern Australia] by Brooke, B.P., Huang, Z., Nicholas, W.A., Oliver, T.S.N., Tamura, T., Woodroffe, C.D., Nichol, S.L.. <i>Marine Geology</i> , <b>2022</b> , 447, 106768	3.3	