

Donald R Cahoon

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

6,874
citations

186265

28
h-index

361022

35
g-index

48
all docs

48
docs citations

48
times ranked

4534
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerated sea-level rise is suppressing CO ₂ stimulation of tidal marsh productivity: A 33-year study. <i>Science Advances</i> , 2022, 8, eabn0054.	10.3	13
2	Processes Influencing Marsh Elevation Change in Low- and High-Elevation Zones of a Temperate Salt Marsh. <i>Estuaries and Coasts</i> , 2021, 44, 818-833.	2.2	19
3	How Plants Influence Resilience of Salt Marsh and Mangrove Wetlands to Sea-Level Rise. <i>Estuaries and Coasts</i> , 2021, 44, 883-898.	2.2	83
4	Does geomorphology determine vulnerability of mangrove coasts to sea-level rise?. , 2021, , 255-272.		9
5	Coastal Wetland Resilience, Accelerated Sea-Level Rise, and the Importance of Timescale. <i>AGU Advances</i> , 2021, 2, e2020AV000334.	5.4	46
6	Reply to Comment by R. Parkinson on "Increasing Rates of Carbon Burial in Southwest Florida Coastal Wetlands" by J. Breithaupt et al.. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006245.	3.0	0
7	The Long-Term Effects of Hurricanes Wilma and Irma on Soil Elevation Change in Everglades Mangrove Forests. <i>Ecosystems</i> , 2020, 23, 917-931.	3.4	26
8	Hurricane Sandy Effects on Coastal Marsh Elevation Change. <i>Estuaries and Coasts</i> , 2020, 43, 1640-1657.	2.2	12
9	Applications and utility of the surface elevation table "marker horizon method for measuring wetland elevation and shallow soil subsidence-expansion. <i>Geo-Marine Letters</i> , 2020, 40, 809-815.	1.1	13
10	A Tropical Cyclone-Induced Ecological Regime Shift: Mangrove Forest Conversion to Mudflat in Everglades National Park (Florida, USA). <i>Wetlands</i> , 2020, 40, 1445-1458.	1.5	32
11	Increasing Rates of Carbon Burial in Southwest Florida Coastal Wetlands. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005349.	3.0	32
12	Canals, backfilling and wetland loss in the Mississippi Delta. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 227, 106325.	2.1	19
13	Coastal Wetlands. , 2019, , 1-75.		17
14	Evaluating the Relationship Among Wetland Vertical Development, Elevation Capital, Sea-Level Rise, and Tidal Marsh Sustainability. <i>Estuaries and Coasts</i> , 2019, 42, 1-15.	2.2	105
15	Assessing coastal wetland vulnerability to sea-level rise along the northern Gulf of Mexico coast: Gaps and opportunities for developing a coordinated regional sampling network. <i>PLoS ONE</i> , 2017, 12, e0183431.	2.5	33
16	Processes Contributing to Resilience of Coastal Wetlands to Sea-Level Rise. <i>Ecosystems</i> , 2016, 19, 1445-1459.	3.4	44
17	Sediment transport-based metrics of wetland stability. <i>Geophysical Research Letters</i> , 2015, 42, 7992-8000.	4.0	80
18	Estimating Relative Sea-Level Rise and Submergence Potential at a Coastal Wetland. <i>Estuaries and Coasts</i> , 2015, 38, 1077-1084.	2.2	88

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19	The vulnerability of Indo-Pacific mangrove forests to sea-level rise. <i>Nature</i> , 2015, 526, 559-563.	27.8	606
20	Below the disappearing marshes of an urban estuary: historic nitrogen trends and soil structure. <i>Ecological Applications</i> , 2014, 24, 633-649.	3.8	82
21	How mangrove forests adjust to rising sea level. <i>New Phytologist</i> , 2014, 202, 19-34.	7.3	489
22	A global standard for monitoring coastal wetland vulnerability to accelerated sea-level rise. <i>Nature Climate Change</i> , 2013, 3, 458-465.	18.8	217
23	Sediment infilling and wetland formation dynamics in an active crevasse splay of the Mississippi River delta. <i>Geomorphology</i> , 2011, 131, 57-68.	2.6	108
24	Elevation trends and shrink-swell response of wetland soils to flooding and drying. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 91, 463-474.	2.1	60
25	The Role of Surface and Subsurface Processes in Keeping Pace with Sea Level Rise in Intertidal Wetlands of Moreton Bay, Queensland, Australia. <i>Ecosystems</i> , 2011, 14, 745-757.	3.4	84
26	Vegetation death and rapid loss of surface elevation in two contrasting Mississippi delta salt marshes: The role of sedimentation, autocompaction and sea-level rise. <i>Ecological Engineering</i> , 2011, 37, 229-240.	3.6	200
27	Elevated CO ₂ stimulates marsh elevation gain, counterbalancing sea-level rise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6182-6186.	7.1	251
28	Caribbean mangroves adjust to rising sea level through biotic controls on change in soil elevation. <i>Global Ecology and Biogeography</i> , 2007, 16, 545-556.	5.8	561
29	A review of major storm impacts on coastal wetland elevations. <i>Estuaries and Coasts</i> , 2006, 29, 889-898.	2.2	243
30	Coastal Wetland Vulnerability to Relative Sea-Level Rise: Wetland Elevation Trends and Process Controls. , 2006, , 271-292.		168
31	Groundwater control of mangrove surface elevation: Shrink and swell varies with soil depth. <i>Estuaries and Coasts</i> , 2005, 28, 833-843.	1.7	103
32	Mass tree mortality leads to mangrove peat collapse at Bay Islands, Honduras after Hurricane Mitch. <i>Journal of Ecology</i> , 2003, 91, 1093-1105.	4.0	380
33	Global carbon sequestration in tidal, saline wetland soils. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	4.9	1,168
34	Pattern and Process of Land Loss in the Mississippi Delta: A Spatial and Temporal Analysis of Wetland Habitat Change. <i>Estuaries and Coasts</i> , 2000, 23, 425.	1.7	409
35	Restoring marsh elevation in a rapidly subsiding salt marsh by thin-layer deposition of dredged material. <i>Ecological Engineering</i> , 1999, 12, 189-205.	3.6	125
36	Vertical accretion and shallow subsidence in a mangrove forest of southwestern Florida, U.S.A.. <i>Mangroves and Salt Marshes</i> , 1997, 1, 173-186.	0.6	157

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37	Marsh Vertical Accretion in a Southern California Estuary, U.S.A.. Estuarine, Coastal and Shelf Science, 1996, 43, 19-32.	2.1	107
38	Estimating shallow subsidence in microtidal salt marshes of the southeastern United States: Kaye and Barghoorn revisited. Marine Geology, 1995, 128, 1-9.	2.1	353
39	Recent Accretion in Two Managed Marsh Impoundments in Coastal Louisiana. , 1994, 4, 166-176.		81
40	Accretion and Canal Impacts in a Rapidly Subsiding Wetland II. Feldspar Marker Horizon Technique. Estuaries and Coasts, 1989, 12, 260.	1.7	201
41	Ecogeomorphology of <i>Spartina Patens</i> -dominated tidal marshes: Soil organic matter accumulation, marsh elevation dynamics, and disturbance. Coastal and Estuarine Studies, 0, , 247-266.	0.4	11
42	The Surface Elevation Table-Marker Horizon Method for Measuring Wetland Accretion and Elevation Dynamics. Soil Science Society of America Book Series, 0, , 901-917.	0.3	15