

# Sally D Hacker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4807019/publications.pdf>

Version: 2024-02-01

40  
papers

6,358  
citations

331670

21  
h-index

330143

37  
g-index

41  
all docs

41  
docs citations

41  
times ranked

7792  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining process-based and data-driven approaches to forecast beach and dune change. <i>Environmental Modelling and Software</i> , 2022, 153, 105404.	4.5	10
2	Biogeography of macrophyte productivity: Effects of oceanic and climatic regimes across spatiotemporal scales. <i>Limnology and Oceanography</i> , 2021, 66, 711-726.	3.1	3
3	Discovery of a dune-building hybrid beachgrass ( <i>Ammophila arenaria</i> — <i>A. breviligulata</i> ) in the U.S. Pacific Northwest. <i>Ecosphere</i> , 2021, 12, e03501.	2.2	7
4	The relative role of constructive and destructive processes in dune evolution on Cape Lookout National Seashore, North Carolina, USA. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 2824-2840.	2.5	4
5	The relative influence of dune aspect ratio and beach width on dune erosion as a function of storm duration and surge level. <i>Earth Surface Dynamics</i> , 2021, 9, 1223-1237.	2.4	16
6	Warming alters the interaction of two invasive beachgrasses with implications for range shifts and coastal dune functions. <i>Oecologia</i> , 2021, 197, 757-770.	2.0	1
7	The effect of sand fencing on the morphology of natural dune systems. <i>Geomorphology</i> , 2020, 352, 106995.	2.6	31
8	Biogeography of Macrophyte Elemental Composition: Spatiotemporal Modification of Species-Level Traits. <i>Ecosystems</i> , 2020, 23, 1494-1522.	3.4	6
9	Elucidating Coastal Foredune Ecomorphodynamics in the U.S. Pacific Northwest via Bayesian Networks. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 1919-1938.	2.8	27
10	Supporting <i>Spartina</i> : Interdisciplinary perspective shows <i>Spartina</i> as a distinct solid genus. <i>Ecology</i> , 2019, 100, e02863.	3.2	39
11	The non-market benefits of early and partial gains in managing threatened salmon. <i>PLoS ONE</i> , 2019, 14, e0220260.	2.5	15
12	Regional processes are stronger determinants of rocky intertidal community dynamics than local biotic interactions. <i>Ecology</i> , 2019, 100, e02763.	3.2	16
13	Species-Specific Functional Morphology of Four US Atlantic Coast Dune Grasses: Biogeographic Implications for Dune Shape and Coastal Protection. <i>Diversity</i> , 2019, 11, 82.	1.7	48
14	Evidence for regional-scale controls on eelgrass ( <i>Zostera marina</i> ) and mesograzer community structure in upwelling-influenced estuaries. <i>Limnology and Oceanography</i> , 2019, 64, 1120-1134.	3.1	13
15	Simulating dune evolution on managed coastlines: Exploring management options with the Coastal Recovery from Storms Tool (CReST). <i>Shore and Beach</i> , 2019, , 36-43.	0.5	7
16	DRIVERS OF DUNE EVOLUTION IN CAPE LOOKOUT NATIONAL SEASHORE, NC. , 2019, , .		5
17	Fundamental contradictions among observational and experimental estimates of non-trophic species interactions. <i>Ecology</i> , 2018, 99, 557-566.	3.2	89
18	Generality in multispecies responses to ocean acidification revealed through multiple hypothesis testing. <i>Global Change Biology</i> , 2018, 24, 4464-4477.	9.5	13

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19	The Role of Vegetation in Determining Dune Morphology, Exposure to Sea-Level Rise, and Storm-Induced Coastal Hazards: A U.S. Pacific Northwest Perspective. , 2018, , 337-361.		22
20	Literature-based latitudinal distribution and possible range shifts of two US east coast dune grass species (<i>Uniola paniculata</i> and <i>Ammophila breviligulata</i>). PeerJ, 2018, 6, e4932.	2.0	26
21	Coastal protection and conservation on sandy beaches and dunes: contextâ€dependent tradeoffs in ecosystem service supply. Ecosphere, 2017, 8, e01791.	2.2	36
22	The complex net effect of reciprocal interactions and recruitment facilitation maintains an intertidal kelp community. Journal of Ecology, 2016, 104, 33-43.	4.0	29
23	Invasive Congeners Differ in Successional Impacts across Space and Time. PLoS ONE, 2015, 10, e0117283.	2.5	18
24	Coastal foredune evolution: the relative influence of vegetation and sand supply in the US Pacific Northwest. Journal of the Royal Society Interface, 2015, 12, 20150017.	3.4	61
25	Are metaâ€ecosystems organized hierarchically? A model and test in rocky intertidal habitats. Ecological Monographs, 2015, 85, 213-233.	5.4	72
26	Negative and neutral marsh plant interactions dominate in early life stages and across physical gradients in an Oregon estuary. Plant Ecology, 2013, 214, 303-315.	1.6	9
27	Invasive grasses, climate change, and exposure to stormâ€wave overtopping in coastal dune ecosystems. Global Change Biology, 2013, 19, 824-832.	9.5	73
28	Upwellingâ€influence, macroalgal blooms, and seagrass production; temporal trends from latitudinal and local scales in northeast Pacific estuaries. Limnology and Oceanography, 2013, 58, 1103-1112.	3.1	22
29	Indirect effects and facilitation among native and nonâ€native species promote invasion success along an environmental stress gradient. Journal of Ecology, 2013, 101, 905-915.	4.0	45
30	Biophysical feedback mediates effects of invasive grasses on coastal dune shape. Ecology, 2012, 93, 1439-1450.	3.2	126
31	Subtle differences in two nonâ€native congeneric beach grasses significantly affect their colonization, spread, and impact. Oikos, 2012, 121, 138-148.	2.7	99
32	The value of estuarine and coastal ecosystem services. Ecological Monographs, 2011, 81, 169-193.	5.4	3,639
33	Potential impact of climate-related changes is buffered by differential responses to recruitment and interactions. Ecological Monographs, 2011, 81, 493-509.	5.4	34
34	Context-Dependent Eelgrassâ€Macroalgae Interactions Along an Estuarine Gradient in the Pacific Northwest, USA. Estuaries and Coasts, 2011, 34, 1169-1181.	2.2	29
35	Nonâ€target effects of invasive species management: beachgrass, birds, and bulldozers in coastal dunes. Ecosphere, 2010, 1, 1-20.	2.2	70
36	Congener comparison of native ( <i>Zostera marina</i> ) and introduced ( <i>Z. japonica</i> ) eelgrass at multiple scales within a Pacific Northwest estuary. Biological Invasions, 2010, 12, 1773-1789.	2.4	61

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37	Nonlinearity in ecosystem services: temporal and spatial variability in coastal protection. <i>Frontiers in Ecology and the Environment</i> , 2009, 7, 29-37.	4.0	622
38	Bacterial abundance and aerobic microbial activity across natural and oyster aquaculture habitats during summer conditions in a northeastern Pacific estuary. <i>Hydrobiologia</i> , 2008, 596, 269-278.	2.0	20
39	Coastal Ecosystem-Based Management with Nonlinear Ecological Functions and Values. <i>Science</i> , 2008, 319, 321-323.	12.6	834
40	PHYSICAL FACTORS VS. BIOTIC RESISTANCE IN CONTROLLING THE INVASION OF AN ESTUARINE MARSH GRASS. , 2005, 15, 1273-1283.		61