

Natalie C Ban

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

7,070
citations

50244

46
h-index

69214

77
g-index

122
all docs

122
docs citations

122
times ranked

7606
citing authors

#	ARTICLE	IF	CITATIONS
1	A social-ecological approach to conservation planning: embedding social considerations. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 194-202.	1.9	419
2	The COVID-19 Pandemic, Small-Scale Fisheries and Coastal Fishing Communities. <i>Coastal Management</i> , 2020, 48, 336-347.	1.0	261
3	Two-Eyed Seeing: An Indigenous framework to transform fisheries research and management. <i>Fish and Fisheries</i> , 2021, 22, 243-261.	2.7	237
4	Cumulative impact mapping: Advances, relevance and limitations to marine management and conservation, using Canada's Pacific waters as a case study. <i>Marine Policy</i> , 2010, 34, 876-886.	1.5	191
5	Communities and change in the anthropocene: understanding social-ecological vulnerability and planning adaptations to multiple interacting exposures. <i>Regional Environmental Change</i> , 2016, 16, 907-926.	1.4	186
6	Integrated Land-Sea Conservation Planning: The Missing Links. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2011, 42, 381-409.	3.8	181
7	Understanding protected area resilience: a multi-scale, social-ecological approach. <i>Ecological Applications</i> , 2015, 25, 299-319.	1.8	173
8	The MPA Guide: A framework to achieve global goals for the ocean. <i>Science</i> , 2021, 373, eabf0861.	6.0	170
9	The implementation crisis in conservation planning: could mental models help?. <i>Conservation Letters</i> , 2011, 4, 169-183.	2.8	164
10	Integrating connectivity and climate change into marine conservation planning. <i>Biological Conservation</i> , 2014, 170, 207-221.	1.9	162
11	Well-being outcomes of marine protected areas. <i>Nature Sustainability</i> , 2019, 2, 524-532.	11.5	160
12	Incorporate Indigenous perspectives for impactful research and effective management. <i>Nature Ecology and Evolution</i> , 2018, 2, 1680-1683.	3.4	149
13	Poverty and protected areas: An evaluation of a marine integrated conservation and development project in Indonesia. <i>Global Environmental Change</i> , 2014, 26, 98-107.	3.6	148
14	Why people matter in ocean governance: Incorporating human dimensions into large-scale marine protected areas. <i>Marine Policy</i> , 2017, 84, 273-284.	1.5	135
15	Emerging frontiers in social-ecological systems research for sustainability of small-scale fisheries. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 352-357.	3.1	127
16	Systematic marine conservation planning in data-poor regions: Socioeconomic data is essential. <i>Marine Policy</i> , 2009, 33, 794-800.	1.5	115
17	Designing, implementing and managing marine protected areas: Emerging trends and opportunities for coral reef nations. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 408, 21-31.	0.7	113
18	Systematic Conservation Planning: A Better Recipe for Managing the High Seas for Biodiversity Conservation and Sustainable Use. <i>Conservation Letters</i> , 2014, 7, 41-54.	2.8	110

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19	Merging top-down and bottom-up approaches in marine protected areas planning: experiences from around the globe. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2014, 24, 128-144.	0.9	107
20	Social and ecological effectiveness of large marine protected areas. <i>Global Environmental Change</i> , 2017, 43, 82-91.	3.6	107
21	Adaptive capacity: from assessment to action in coastal social-ecological systems. <i>Ecology and Society</i> , 2017, 22, .	1.0	107
22	A mismatch of scales: challenges in planning for implementation of marine protected areas in the Coral Triangle. <i>Conservation Letters</i> , 2010, 3, 291-303.	2.8	100
23	Secure sustainable seafood from developing countries. <i>Science</i> , 2015, 348, 504-506.	6.0	94
24	Adaptive governance to promote ecosystem services in urban green spaces. <i>Urban Ecosystems</i> , 2016, 19, 77-93.	1.1	89
25	Comparing and Integrating Community-Based and Science-Based Approaches to Prioritizing Marine Areas for Protection. <i>Conservation Biology</i> , 2009, 23, 899-910.	2.4	87
26	Socio-economic and management implications of range-shifting species in marine systems. <i>Global Environmental Change</i> , 2012, 22, 137-146.	3.6	83
27	A modelling approach to assess the impact of land mining on marine biodiversity: Assessment in coastal catchments experiencing catastrophic events (SW Brazil). <i>Science of the Total Environment</i> , 2019, 659, 828-840.	3.9	82
28	Addressing Criticisms of Large-Scale Marine Protected Areas. <i>BioScience</i> , 2018, 68, 359-370.	2.2	81
29	Indigenous peoples' rights and marine protected areas. <i>Marine Policy</i> , 2018, 87, 180-185.	1.5	81
30	Prioritizing Land and Sea Conservation Investments to Protect Coral Reefs. <i>PLoS ONE</i> , 2010, 5, e12431.	1.1	78
31	How wild is the ocean? Assessing the intensity of anthropogenic marine activities in British Columbia, Canada. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2008, 18, 55-85.	0.9	75
32	Advancing Social Equity in and Through Marine Conservation. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	75
33	Coastal and Indigenous community access to marine resources and the ocean: A policy imperative for Canada. <i>Marine Policy</i> , 2018, 87, 186-193.	1.5	74
34	Governing large-scale social-ecological systems: Lessons from five cases. <i>International Journal of the Commons</i> , 2014, 8, 428.	0.6	69
35	Indigenous Systems of Management for Culturally and Ecologically Resilient Pacific Salmon (<i>Oncorhynchus</i> spp.) Fisheries. <i>BioScience</i> , 2021, 71, 186-204.	2.2	68
36	A practical approach for putting people in ecosystem-based ocean planning. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 448-456.	1.9	66

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37	A novel approach to model exposure of coastal-marine ecosystems to riverine flood plumes based on remote sensing techniques. <i>Journal of Environmental Management</i> , 2013, 119, 194-207.	3.8	64
38	A review of Indigenous knowledge and participation in environmental monitoring. <i>Ecology and Society</i> , 2020, 25, .	1.0	62
39	A review of successes, challenges, and lessons from Indigenous protected and conserved areas. <i>Biological Conservation</i> , 2020, 241, 108271.	1.9	59
40	Promise and problems for estimating management costs of marine protected areas. <i>Conservation Letters</i> , 2011, 4, 241-252.	2.8	58
41	Research advances and gaps in marine planning: towards a global database in systematic conservation planning. <i>Biological Conservation</i> , 2018, 227, 369-382.	1.9	58
42	Synthesizing theories of natural resource management and governance. <i>Global Environmental Change</i> , 2016, 39, 45-56.	3.6	55
43	A method for incorporating climate change modelling into marine conservation planning: An Indo-west Pacific example. <i>Marine Policy</i> , 2013, 38, 16-24.	1.5	53
44	Better integration of sectoral planning and management approaches for the interlinked ecology of the open oceans. <i>Marine Policy</i> , 2014, 49, 127-136.	1.5	53
45	Managing Small-Scale Commercial Fisheries for Adaptive Capacity: Insights from Dynamic Social-Ecological Drivers of Change in Monterey Bay. <i>PLoS ONE</i> , 2015, 10, e0118992.	1.1	51
46	Advancing marine cumulative effects mapping: An update in Canada's Pacific waters. <i>Marine Policy</i> , 2015, 58, 71-77.	1.5	50
47	Diving back in time: Extending historical baselines for yelloweye rockfish with Indigenous knowledge. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 158-166.	0.9	50
48	Efficient and equitable design of marine protected areas in Fiji through inclusion of stakeholder-specific objectives in conservation planning. <i>Conservation Biology</i> , 2015, 29, 1378-1389.	2.4	46
49	Contributions of Indigenous Knowledge to ecological and evolutionary understanding. <i>Frontiers in Ecology and the Environment</i> , 2022, 20, 93-101.	1.9	46
50	Incorporating Effectiveness of Community-Based Management in a National Marine Gap Analysis for Fiji. <i>Conservation Biology</i> , 2011, 25, 1155-1164.	2.4	45
51	WTO must ban harmful fisheries subsidies. <i>Science</i> , 2021, 374, 544-544.	6.0	45
52	Cumulative effects of planned industrial development and climate change on marine ecosystems. <i>Global Ecology and Conservation</i> , 2015, 4, 110-116.	1.0	44
53	Minimum data requirements for designing a set of marine protected areas, using commonly available abiotic and biotic datasets. <i>Biodiversity and Conservation</i> , 2009, 18, 1829-1845.	1.2	43
54	Hindsight in marine protected area selection: A comparison of ecological representation arising from opportunistic and systematic approaches. <i>Biological Conservation</i> , 2011, 144, 1866-1875.	1.9	42

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55	Practical Approaches and Advances in Spatial Tools to Achieve Multi-Objective Marine Spatial Planning. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	42
56	Conservation Objectives and Seaâ€Surface Temperature Anomalies in the Great Barrier Reef. <i>Conservation Biology</i> , 2012, 26, 799-809.	2.4	40
57	Recasting shortfalls of marine protected areas as opportunities through adaptive management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2012, 22, 262-271.	0.9	40
58	Key information needs to move from knowledge to action for biodiversity conservation in Canada. <i>Biological Conservation</i> , 2021, 256, 108983.	1.9	40
59	Understanding Characteristics that Define the Feasibility of Conservation Actions in a Common Pool Marine Resource Governance System. <i>Conservation Letters</i> , 2013, 6, 418-429.	2.8	39
60	Assessing trade-offs in large marine protected areas. <i>PLoS ONE</i> , 2018, 13, e0195760.	1.1	38
61	Indigenous knowledge and federal environmental assessments in Canada: applying past lessons to the 2019 impact assessment act. <i>Facets</i> , 2020, 5, 67-90.	1.1	37
62	Advancing Land-Sea Conservation Planning: Integrating Modelling of Catchments, Land-Use Change, and River Plumes to Prioritise Catchment Management and Protection. <i>PLoS ONE</i> , 2015, 10, e0145574.	1.1	36
63	Effectiveness of shoreâ€based remote camera monitoring for quantifying recreational fisher compliance in marine conservation areas. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 804-813.	0.9	36
64	Identifying potential marine climate change refugia: A case study in Canadaâ€™s Pacific marine ecosystems. <i>Global Ecology and Conservation</i> , 2016, 8, 41-54.	1.0	35
65	A framework for understanding climate change impacts on coral reef socialâ€ecological systems. <i>Regional Environmental Change</i> , 2016, 16, 1133-1146.	1.4	35
66	Indigenous knowledge as data for modern fishery management: a case study of Dungeness crab in Pacific Canada. <i>Ecosystem Health and Sustainability</i> , 2017, 3, .	1.5	35
67	Setting the stage for marine spatial planning: Ecological and social data collation and analyses in Canada's Pacific waters. <i>Marine Policy</i> , 2013, 39, 11-20.	1.5	34
68	A Socialâ€Ecological Systems Approach to Assessing Conservation and Fisheries Outcomes in Fijian Locally Managed Marine Areas. <i>Society and Natural Resources</i> , 2017, 30, 1096-1111.	0.9	33
69	Linking marine conservation and Indigenous cultural revitalization: First Nations free themselves from externally imposed social-ecological traps. <i>Ecology and Society</i> , 2018, 23, .	1.0	33
70	Applying empirical estimates of marine protected area effectiveness to assess conservation plans in British Columbia, Canada. <i>Biological Conservation</i> , 2014, 180, 134-148.	1.9	31
71	Modeling catchment nutrients and sediment loads to inform regional management of water quality in coastal-marine ecosystems: A comparison of two approaches. <i>Journal of Environmental Management</i> , 2014, 146, 164-178.	3.8	31
72	Keeping the â€Greatâ€™ in the Great Barrier Reef: large-scale governance of the Great Barrier Reef Marine Park. <i>International Journal of the Commons</i> , 2014, 8, 396.	0.6	31

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73	Moving Toward Spatial Solutions in Marine Conservation with Indigenous Communities. <i>Ecology and Society</i> , 2008, 13, .	1.0	30
74	Linking ecosystem processes to communities of practice through commercially fished species in the Gulf of Alaska. <i>ICES Journal of Marine Science</i> , 2017, 74, 2024-2033.	1.2	30
75	Strong historical and ongoing indigenous marine governance in the northeast Pacific Ocean: a case study of the Kitasoo/Xai’xais First Nation. <i>Ecology and Society</i> , 2019, 24, .	1.0	30
76	Marine conservation planning in practice: lessons learned from the Gulf of California. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2013, 23, 483-505.	0.9	29
77	Canada at a crossroad: The imperative for realigning ocean policy with ocean science. <i>Marine Policy</i> , 2016, 63, 53-60.	1.5	28
78	An approach to incorporating inferred connectivity of adult movement into marine protected area design with limited data. <i>Ecological Applications</i> , 2019, 29, e01890.	1.8	28
79	Factors Affecting Disaster Preparedness, Response, and Recovery Using the Community Capitals Framework. <i>Coastal Management</i> , 2018, 46, 335-358.	1.0	27
80	The mangrove-fishery relationship: A local ecological knowledge perspective. <i>Marine Policy</i> , 2019, 108, 103656.	1.5	27
81	Barriers and opportunities for social-ecological adaptation to climate change in coastal British Columbia. <i>Ocean and Coastal Management</i> , 2019, 179, 104808.	2.0	27
82	Historical and contemporary indigenous marine conservation strategies in the North Pacific. <i>Conservation Biology</i> , 2020, 34, 5-14.	2.4	27
83	Interplay of multiple goods, ecosystem services, and property rights in large social-ecological marine protected areas. <i>Ecology and Society</i> , 2015, 20, .	1.0	26
84	Where do national and local conservation actions meet? Simulating the expansion of ad hoc and systematic approaches to conservation into the future in Fiji. <i>Conservation Letters</i> , 2012, 5, 387-398.	2.8	23
85	How far have we come? A review of MPA network performance indicators in reaching qualitative elements of Aichi Target 11. <i>Conservation Letters</i> , 2020, 13, e12746.	2.8	23
86	â€œWe monitor by living hereâ€: community-driven actualization of a social-ecological monitoring program based in the knowledge of Indigenous harvesters. <i>Facets</i> , 2019, 4, 293-314.	1.1	22
87	Beyond Marine Reserves: Exploring the Approach of Selecting Areas where Fishing Is Permitted, Rather than Prohibited. <i>PLoS ONE</i> , 2009, 4, e6258.	1.1	21
88	A synthesis of the prevalence and drivers of non-compliance in marine protected areas. <i>Biological Conservation</i> , 2021, 255, 108992.	1.9	21
89	Diverse Fisheries Require Diverse Solutions. <i>Science</i> , 2009, 323, 338-339.	6.0	20
90	Drivers of recreational fisher compliance in temperate marine conservation areas: A study of Rockfish Conservation Areas in British Columbia, Canada. <i>Global Ecology and Conservation</i> , 2015, 4, 645-657.	1.0	20

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91	A meta-analysis reveals global patterns of sediment effects on marine biodiversity. <i>Global Ecology and Biogeography</i> , 2019, 28, 1879-1898.	2.7	20
92	Lessons from bright-spots for advancing knowledge exchange at the interface of marine science and policy. <i>Journal of Environmental Management</i> , 2022, 314, 114994.	3.8	20
93	Linking classroom learning and research to advance ideas about social-ecological resilience. <i>Ecology and Society</i> , 2015, 20, .	1.0	19
94	Great Barrier Reef No-take Areas Include a Range of Disturbance Regimes. <i>Conservation Letters</i> , 2016, 9, 191-199.	2.8	19
95	Addressing distribution equity in spatial conservation prioritization for small-scale fisheries. <i>PLoS ONE</i> , 2020, 15, e0233339.	1.1	19
96	Evaluating approaches for scaling-up community-based marine-protected areas into socially equitable and ecologically representative networks. <i>Conservation Biology</i> , 2020, 34, 137-147.	2.4	18
97	Reciprocal Contributions between People and Nature: A Conceptual Intervention. <i>BioScience</i> , 2022, 72, 952-962.	2.2	15
98	Insights on fostering the emergence of robust conservation actions from Zimbabwe's CAMPFIRE program. <i>Global Ecology and Conservation</i> , 2019, 17, e00538.	1.0	14
99	Social-Ecological Determinants of Access to Fish and Well-Being in Four Gwich'in Communities in Canada's Northwest Territories. <i>Human Ecology</i> , 2020, 48, 155-171.	0.7	14
100	Imprecise and weakly assessed: Evaluating voluntary measures for management of marine protected areas. <i>Marine Policy</i> , 2016, 69, 92-101.	1.5	13
101	Non-native species are a global issue for marine protected areas. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 495-501.	1.9	11
102	Enabling conditions for effective marine spatial planning. <i>Marine Policy</i> , 2022, 143, 105141.	1.5	11
103	Indigenous food harvesting as social-ecological monitoring: A case study with the Gitga'at First Nation. <i>People and Nature</i> , 2020, 2, 1085-1099.	1.7	10
104	Applying a Low Cost, Mini Remotely Operated Vehicle (ROV) to Assess an Ecological Baseline of an Indigenous Seascape in Canada. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	10
105	Access rights, capacities and benefits in small-scale fisheries: Insights from the Pacific Coast of Canada. <i>Marine Policy</i> , 2021, 130, 104581.	1.5	10
106	Effects of changing ocean temperatures on ecological connectivity among marine protected areas in northern British Columbia. <i>Ocean and Coastal Management</i> , 2021, 211, 105776.	2.0	10
107	Differences and similarities between Indigenous and conventional marine conservation planning: The case of the Songhees Nation, Canada. <i>Marine Policy</i> , 2021, 129, 104520.	1.5	9
108	Managing Marine Protected Areas in Remote Areas: The Case of the Subantarctic Heard and McDonald Islands. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	8

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109	From concepts to comparisons: A resource for diagnosis and measurement in social-ecological systems. <i>Environmental Science and Policy</i> , 2020, 107, 211-216.	2.4	8
110	Understanding barriers, access, and management of marine mixed-stock fisheries in an era of reconciliation: Indigenous-led salmon monitoring in British Columbia. <i>Facets</i> , 2021, 6, 592-613.	1.1	8
111	“Borders don’t protect areas, people do”: insights from the development of an Indigenous Protected and Conserved Area in Kitasoo/Xai’ais Nation Territory. <i>Facets</i> , 2020, 5, 922-941.	1.1	8
112	Cumulative Effects of Environmental Change on Culturally Significant Ecosystems in the Inuvialuit Settlement Region + Supplementary Appendices 1 to 3 (See Article Tools). <i>Arctic</i> , 2016, 69, 391.	0.2	8
113	Improving compliance of recreational fishers with Rockfish Conservation Areas: community-academic partnership to achieve and evaluate conservation. <i>ICES Journal of Marine Science</i> , 2020, 77, 2308-2318.	1.2	7
114	Pacific Canada’s Rockfish Conservation Areas: using Ostrom’s design principles to assess management effectiveness. <i>Ecology and Society</i> , 2015, 20, .	1.0	6
115	Synthesizing and communicating climate change impacts to inform coastal adaptation planning. <i>Facets</i> , 2020, 5, 704-737.	1.1	6
116	Advancing social-ecological research through teaching: summary, observations, and challenges. <i>Ecology and Society</i> , 2017, 22, .	1.0	4
117	Using Forecasting Methods to Incorporate Social, Economic, and Political Considerations Into Marine Protected Area Planning. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
118	Methods for identifying spatially referenced conservation needs and opportunities. <i>Biological Conservation</i> , 2021, 260, 109138.	1.9	3
119	Improving effort estimates and informing temporal distribution of recreational salmon fishing in British Columbia, Canada using high-frequency optical imagery data. <i>Fisheries Research</i> , 2022, 249, 106251.	0.9	3
120	Fishing communities at risk. <i>Nature Climate Change</i> , 2019, 9, 501-502.	8.1	2
121	Conservation Actions at Global and Local Scales in Marine Social-Ecological Systems. , 2017, , 143-168.		1