

# Mapping Application for Penguin Populations and Project tools for dynamic management and decision support

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Pan-Antarctic analysis aggregating spatial estimates of AdÃ©lie penguin abundance reveals robust dynamics despite stochastic noise. <i>Nature Communications</i> , 2017, 8, 832.	5.8	43
2	Changes in bird communities of Admiralty Bay, King George Island (West Antarctic): insights from monitoring data (1977â€”1996). <i>Polish Polar Research</i> , 2017, 38, 231-262.	0.9	19
3	Multi-modal survey of AdÃ©lie penguin mega-colonies reveals the Danger Islands as a seabird hotspot. <i>Scientific Reports</i> , 2018, 8, 3926.	1.6	72
4	Population status of the Antarctic shag <i>Phalacrocorax atriceps bransfieldensis</i> . <i>Antarctic Science</i> , 2018, 30, 151-159.	0.5	15
5	Using habitat models for chinstrap penguins <i>Pygoscelis antarctica</i> to advise krill fisheries management during the penguin breeding season. <i>Diversity and Distributions</i> , 2018, 24, 1756-1771.	1.9	42
6	Managing fishery development in sensitive ecosystems: identifying penguin habitat use to direct management in Antarctica. <i>Ecosphere</i> , 2018, 9, e02392.	1.0	45
7	How the Internet Can Know What You Want Before You Do: Web-Based Machine Learning Applications for Wildlife Management. , 2018, , 335-351.		1
8	Machine Learning and â€”The Cloudâ€” for Natural Resource Applications: Autonomous Online Robots Driving Sustainable Conservation Management Worldwide?. , 2018, , 353-377.		4
9	Identification of marine Important Bird and Biodiversity Areas for penguins around the South Shetland Islands and South Orkney Islands. <i>Ecology and Evolution</i> , 2018, 8, 10520-10529.	0.8	20
10	Time-lapse cameras reveal latitude and season influence breeding phenology durations in penguins. <i>Ecology and Evolution</i> , 2018, 8, 8286-8296.	0.8	8
11	Time-lapse imagery of AdÃ©lie penguins reveals differential winter strategies and breeding site occupation. <i>PLoS ONE</i> , 2018, 13, e0193532.	1.1	7
12	When the â€œselfish herdâ€” becomes the â€œfrozen herdâ€” spatial dynamics and population persistence in a colonial seabird. <i>Ecology</i> , 2019, 100, e02823.	1.5	6
13	Tourism and stress hormone measures in Gentoo Penguins on the Antarctic Peninsula. <i>Polar Biology</i> , 2019, 42, 1299-1306.	0.5	19
14	Nitrogen Inputs by Marine Vertebrates Drive Abundance and Richness in Antarctic Terrestrial Ecosystems. <i>Current Biology</i> , 2019, 29, 1721-1727.e3.	1.8	75
15	Antarctic Penguins as Reservoirs of Diversity for Avian Avulaviruses. <i>Journal of Virology</i> , 2019, 93, .	1.5	19
16	Individual variation in migratory movements of chinstrap penguins leads to widespread occupancy of ice-free winter habitats over the continental shelf and deep ocean basins of the Southern Ocean. <i>PLoS ONE</i> , 2019, 14, e0226207.	1.1	14
17	Divergent trophic responses of sympatric penguin species to historic anthropogenic exploitation and recent climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25721-25727.	3.3	35
18	A long-term study of gentoo penguin ( <i>Pygoscelis papua</i> ) population trends at a major Antarctic tourist site, Goudier Island, Port Lockroy. <i>Biodiversity and Conservation</i> , 2019, 28, 37-53.	1.2	25

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19	Regional breeding bird assessment of the Antarctic Peninsula. <i>Polar Biology</i> , 2020, 43, 111-122.	0.5	8
20	Update on the global abundance and distribution of breeding Gentoo Penguins ( <i>Pygoscelis papua</i> ). <i>Polar Biology</i> , 2020, 43, 1947-1956.	0.5	25
21	Geographic structuring of Antarctic penguin populations. <i>Global Ecology and Biogeography</i> , 2020, 29, 1716-1728.	2.7	28
22	Marine Ecosystem Assessment for the Southern Ocean: Birds and Marine Mammals in a Changing Climate. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	63
23	A global population assessment of the Chinstrap penguin ( <i>Pygoscelis antarctica</i> ). <i>Scientific Reports</i> , 2020, 10, 19474.	1.6	41
24	Male Antarctic fur seals: neglected food competitors of bioindicator species in the context of an increasing Antarctic krill fishery. <i>Scientific Reports</i> , 2020, 10, 18436.	1.6	17
25	Late Holocene variation in the Hard prey remains and stable isotope values of penguin and seal tissues from the Danger Islands, Antarctica. <i>Polar Biology</i> , 2020, 43, 1571-1582.	0.5	1
26	Lagged response of Adelie penguin ( <i>Pygoscelis adeliae</i> ) abundance to environmental variability in the Ross Sea, Antarctica. <i>Polar Biology</i> , 2020, 43, 1769-1781.	0.5	6
27	Identification of Circovirus Genome in a Chinstrap Penguin ( <i>Pygoscelis antarcticus</i> ) and Adelie Penguin ( <i>Pygoscelis adeliae</i> ) on the Antarctic Peninsula. <i>Viruses</i> , 2020, 12, 858.	1.5	11
28	Remote sensing reveals Antarctic green snow algae as important terrestrial carbon sink. <i>Nature Communications</i> , 2020, 11, 2527.	5.8	75
29	Sea ice predicts long-term trends in Adelie penguin population growth, but not annual fluctuations: Results from a range-wide multiscale analysis. <i>Global Change Biology</i> , 2020, 26, 3788-3798.	4.2	22
30	Assessing the conservation values and tourism threats in Barrientos Island, Antarctic Peninsula. <i>Journal of Environmental Management</i> , 2020, 266, 110593.	3.8	16
31	Sustained RNA virome diversity in Antarctic penguins and their ticks. <i>ISME Journal</i> , 2020, 14, 1768-1782.	4.4	56
32	Antarctic krill fishery effects over penguin populations under adverse climate conditions: Implications for the management of fishing practices. <i>Ambio</i> , 2021, 50, 560-571.	2.8	27
33	Fifty-year change in penguin abundance on Elephant Island, South Shetland Islands, Antarctica: results of the 2019-2020 census. <i>Polar Biology</i> , 2021, 44, 45-56.	0.5	9
34	An observation of a gentoo penguin <i>Pygoscelis papua</i> feeding an Adelie penguin <i>P. adeliae</i> chick. <i>Polar Biology</i> , 2021, 44, 217-219.	0.5	0
35	Assessing colonies of Antarctic shags by unmanned aerial vehicle (UAV) at South Shetland Islands, Antarctica. <i>Antarctic Science</i> , 2021, 33, 133-149.	0.5	11
36	Marine Important Bird and Biodiversity Areas for Penguins in Antarctica, Targets for Conservation Action. <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	21

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37	Coastal regions of the northern Antarctic Peninsula are key for gentoo populations. <i>Biology Letters</i> , 2021, 17, 20200708.	1.0	10
38	A complete dietary review of Japanese birds with special focus on molluscs. <i>Scientific Data</i> , 2021, 8, 19.	2.4	4
39	The role of wind fetch in structuring Antarctic seabird breeding occupancy. <i>Ibis</i> , 2021, 163, 695-705.	1.0	2
40	How animals distribute themselves in space: energy landscapes of Antarctic avian predators. <i>Movement Ecology</i> , 2021, 9, 24.	1.3	12
41	Social Sensors for Wildlife: Ecological Opportunities in the Era of Camera Ubiquity. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	1
42	Ecosystem services in Antarctica: Global assessment of the current state, future challenges and managing opportunities. <i>Ecosystem Services</i> , 2021, 49, 101299.	2.3	20
43	The ecosystem approach to management of the Antarctic krill fishery - the "devils are in the detail"™ at small spatial and temporal scales. <i>Journal of Marine Systems</i> , 2022, 225, 103598.	0.9	30
45	Proposed Technique for Efficient Cloud Computing Model in Effective Digital Training Towards Sustainable Livelihoods for Unemployed Youths. <i>International Journal of Cloud Applications and Computing</i> , 2020, 10, 13-27.	1.1	8
46	Retreating Shorelines as an Emerging Threat to AdÃ©lie Penguins on Inexpressible Island. <i>Remote Sensing</i> , 2021, 13, 4718.	1.8	2
47	Marine Vertebrates Impact the Bacterial Community Composition and Food Webs of Antarctic Microbial Mats. <i>Frontiers in Microbiology</i> , 2022, 13, 841175.	1.5	6
48	Age-structured model reveals prolonged immigration is key for colony establishment in Gentoo Penguins. <i>Condor</i> , 2022, 124, .	0.7	1
49	Estimating the average distribution of Antarctic krill <i>Euphausia superba</i> at the northern Antarctic Peninsula during austral summer and winter. <i>Polar Biology</i> , 2022, 45, 857-871.	0.5	11
51	Voluntary actions by the Antarctic krill fishing industry help reduce potential negative impacts on land-based marine predators during breeding, highlighting the need for CCAMLR action. <i>ICES Journal of Marine Science</i> , 2022, 79, 1457-1466.	1.2	9
52	Using seabird and whale distribution models to estimate spatial consumption of krill to inform fishery management. <i>Ecosphere</i> , 2022, 13, .	1.0	19
53	Switching state-space models for modeling penguin population dynamics. <i>Environmental and Ecological Statistics</i> , 2022, 29, 607-624.	1.9	1
54	Behavioral responses of AdÃ©lie penguins confronting a giant ice floe. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2022, , 105152.	0.6	0
55	Using a risk assessment framework to spatially and temporally spread the fishery catch limit for Antarctic krill in the west Antarctic Peninsula: A template for krill fisheries elsewhere. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	4
56	A Critical Examination for Widespread Usage of Shipping Big Data Analytics in China. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 2009.	1.2	2

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58	Positive Atlantic Multidecadal Oscillation has driven poleward redistribution of the West Antarctic Peninsula biota through a food-chain mechanism. <i>Science of the Total Environment</i> , 2023, 881, 163373.	3.9	0
59	Adelie penguins north and east of the Adelie gap™ continue to thrive in the face of dramatic declines elsewhere in the Antarctic Peninsula region. <i>Scientific Reports</i> , 2023, 13, .	1.6	4
60	Decreasing Trends of Chinstrap Penguin Breeding Colonies in a Region of Major and Ongoing Rapid Environmental Changes Suggest Population Level Vulnerability. <i>Diversity</i> , 2023, 15, 327.	0.7	1