

Helen M Regan

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

5,312
citations

101543

36
h-index

110387

64
g-index

74
all docs

74
docs citations

74
times ranked

7926
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating Ecosystem Services Into Water Resource Management: An Indicator-Based Approach. <i>Environmental Management</i> , 2022, , 1.	2.7	8
2	Using the Freshwater Health Index to Assess Hydropower Development Scenarios in the Sesan, Srepok and Sekong River Basin. <i>Water (Switzerland)</i> , 2020, 12, 788.	2.7	11
3	Integrating the social, hydrological and ecological dimensions of freshwater health: The Freshwater Health Index. <i>Science of the Total Environment</i> , 2018, 627, 304-313.	8.0	96
4	Effects of uncertainty and variability on population declines and IUCN Red List classifications. <i>Conservation Biology</i> , 2018, 32, 916-925.	4.7	53
5	Evaluating the sensitivity of dendritic connectivity to fish pass efficiency for the Sesan, Srepok and Sekong tributaries of the Lower Mekong. <i>Ecological Indicators</i> , 2018, 91, 570-574.	6.3	10
6	Inferring extinctions I: A structured method using information on threats. <i>Biological Conservation</i> , 2017, 214, 320-327.	4.1	26
7	Inferring extinctions III: A cost-benefit framework for listing extinct species. <i>Biological Conservation</i> , 2017, 214, 336-342.	4.1	40
8	Big data for forecasting the impacts of global change on plant communities. <i>Global Ecology and Biogeography</i> , 2017, 26, 6-17.	5.8	83
9	Implications of different population model structures for management of threatened plants. <i>Conservation Biology</i> , 2017, 31, 459-468.	4.7	29
10	Averaged 30 year climate change projections mask opportunities for species establishment. <i>Ecography</i> , 2016, 39, 844-845.	4.5	22
11	Shrinking windows of opportunity for oak seedling establishment in southern California mountains. <i>Ecosphere</i> , 2016, 7, e01573.	2.2	26
12	Clarifying misconceptions of extinction risk assessment with the IUCN Red List. <i>Biology Letters</i> , 2016, 12, 20150843.	2.3	137
13	Changes in butterfly distributions and species assemblages on a Neotropical mountain range in response to global warming and anthropogenic land use. <i>Diversity and Distributions</i> , 2016, 22, 1085-1098.	4.1	36
14	Assessing the sustainability of freshwater systems: A critical review of composite indicators. <i>Ambio</i> , 2016, 45, 765-780.	5.5	54
15	Global change and terrestrial plant community dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3725-3734.	7.1	276
16	Predicting the impact of fire on a vulnerable multi-species community using a dynamic vegetation model. <i>Ecological Modelling</i> , 2015, 301, 27-39.	2.5	17
17	The role of demography, intra-species variation, and species distribution models in species' projections under climate change. <i>Ecography</i> , 2015, 38, 221-230.	4.5	35
18	Combined Influences of Model Choice, Data Quality, and Data Quantity When Estimating Population Trends. <i>PLoS ONE</i> , 2015, 10, e0132255.	2.5	20

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19	Voting Systems for Environmental Decisions. <i>Conservation Biology</i> , 2014, 28, 322-332.	4.7	15
20	Linking spatially explicit species distribution and population models to plan for the persistence of plant species under global change. <i>Environmental Conservation</i> , 2014, 41, 97-109.	1.3	35
21	Bioclimatic velocity: the pace of species exposure to climate change. <i>Diversity and Distributions</i> , 2014, 20, 169-180.	4.1	60
22	Effects of climate change and urban development on the distribution and conservation of vegetation in a Mediterranean type ecosystem. <i>International Journal of Geographical Information Science</i> , 2014, 28, 1561-1589.	4.8	22
23	Fire Management, Managed Relocation, and Land Conservation Options for Long-lived Obligate Seeding Plants under Global Changes in Climate, Urbanization, and Fire Regime. <i>Conservation Biology</i> , 2014, 28, 1057-1067.	4.7	27
24	Climatic and geometric constraints as driving factors of butterfly species richness along a Neotropical elevational gradient. <i>Journal of Insect Conservation</i> , 2013, 17, 1169-1180.	1.4	24
25	Does functional type vulnerability to multiple threats depend on spatial context in Mediterranean climate regions?. <i>Diversity and Distributions</i> , 2013, 19, 1263-1274.	4.1	20
26	Uncertainty in assessing the impacts of global change with coupled dynamic species distribution and population models. <i>Global Change Biology</i> , 2013, 19, 858-869.	9.5	53
27	Cumulative effects of land use, altered fire regime and climate change on persistence of <i>Ceanothus verrucosus</i> , a rare, fire-dependent plant species. <i>Global Change Biology</i> , 2012, 18, 2980-2980.	9.5	4
28	Effects of wind farms and food scarcity on a large scavenging bird species following an epidemic of bovine spongiform encephalopathy. <i>Journal of Applied Ecology</i> , 2012, 49, 109-117.	4.0	66
29	Evaluation of assisted colonization strategies under global change for a rare, fire-dependent plant. <i>Global Change Biology</i> , 2012, 18, 936-947.	9.5	36
30	Niche models tell half the story: spatial context and life-history traits influence species responses to global change. <i>Journal of Biogeography</i> , 2012, 39, 1266-1277.	3.0	40
31	The Roles of Dispersal, Fecundity, and Predation in the Population Persistence of an Oak (<i>Quercus</i>)	2.5	28
32	Planning, implementing, and monitoring multiple-species habitat conservation plans. <i>American Journal of Botany</i> , 2011, 98, 559-571.	1.7	21
33	The SAFE index is not safe. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 485-486.	4.0	12
34	The conservation game. <i>Biological Conservation</i> , 2011, 144, 1246-1253.	4.1	54
35	Cost-Effectiveness of Translocation Options for a Threatened Waterbird. <i>Conservation Biology</i> , 2011, 25, 726-735.	4.7	18
36	Fire management to combat disease: turning interactions between threats into conservation management. <i>Oecologia</i> , 2011, 167, 873-882.	2.0	12

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37	Forecasts of habitat loss and fragmentation due to urban growth are sensitive to source of input data. <i>Journal of Environmental Management</i> , 2011, 92, 1882-1893.	7.8	60
38	Guiding ecological principles for marine spatial planning. <i>Marine Policy</i> , 2010, 34, 955-966.	3.2	435
39	Cumulative effects of land use, altered fire regime and climate change on persistence of <i>Ceanothus verrucosus</i> , a rare, fire-dependent plant species. <i>Global Change Biology</i> , 2010, 16, 2518-2529.	9.5	51
40	Habitat fragmentation and altered fire regime create trade-offs for an obligate seeding shrub. <i>Ecology</i> , 2010, 91, 1114-1123.	3.2	41
41	The natural environment is valuable but not infinitely valuable. <i>Conservation Letters</i> , 2010, 3, 224-228.	5.7	17
42	Got Hybridization? A Multidisciplinary Approach for Informing Science Policy. <i>BioScience</i> , 2010, 60, 384-388.	4.9	40
43	Buying into conservation: intrinsic versus instrumental value. <i>Trends in Ecology and Evolution</i> , 2009, 24, 187-191.	8.7	159
44	Response to Sagoff. <i>Trends in Ecology and Evolution</i> , 2009, 24, 644-644.	8.7	2
45	Species prioritization for monitoring and management in regional multiple species conservation plans. <i>Diversity and Distributions</i> , 2008, 14, 462-471.	4.1	65
46	Using an individual-based model to examine the roles of habitat fragmentation and behavior on predator-prey relationships in seagrass landscapes. <i>Landscape Ecology</i> , 2008, 23, 75-89.	4.2	35
47	Assessing and Prioritizing Ecological Communities for Monitoring in a Regional Habitat Conservation Plan. <i>Environmental Management</i> , 2008, 42, 165-179.	2.7	27
48	Relationships between Human Disturbance and Wildlife Land Use in Urban Habitat Fragments. <i>Conservation Biology</i> , 2008, 22, 99-109.	4.7	127
49	Predicting extinction risks under climate change: coupling stochastic population models with dynamic bioclimatic habitat models. <i>Biology Letters</i> , 2008, 4, 560-563.	2.3	552
50	The persistence niche: what makes it and what breaks it for two fire-prone plant species. <i>Australian Journal of Botany</i> , 2007, 55, 273.	0.6	16
51	Legal Decisions and the Reference Class Problem. <i>International Journal of Evidence and Proof</i> , 2007, 11, 274-285.	0.4	11
52	Right Decisions or Happy Decision-makers?. <i>Social Epistemology</i> , 2007, 21, 349-368.	1.2	21
53	Comprehensive criteria for biodiversity evaluation in conservation planning. <i>Biodiversity and Conservation</i> , 2007, 16, 2715-2728.	2.6	57
54	Rejoinder: uncertainty and decision making. <i>Ecology Letters</i> , 2006, 9, 13-14.	6.4	1

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55	Accounting for uncertainty in marine reserve design. <i>Ecology Letters</i> , 2006, 9, 2-11.	6.4	144
56	A formal model for consensus and negotiation in environmental management. <i>Journal of Environmental Management</i> , 2006, 80, 167-176.	7.8	106
57	ROBUST DECISION-MAKING UNDER SEVERE UNCERTAINTY FOR CONSERVATION MANAGEMENT. , 2005, 15, 1471-1477.		318
58	Protocols for listing threatened species can forecast extinction. <i>Ecology Letters</i> , 2004, 7, 1101-1108.	6.4	38
59	Equivalence of methods for uncertainty propagation of real-valued random variables. <i>International Journal of Approximate Reasoning</i> , 2004, 36, 1-30.	3.3	68
60	Comparing predictions of extinction risk using models and subjective judgement. <i>Acta Oecologica</i> , 2004, 26, 67-74.	1.1	66
61	A review of protocols for selecting species at risk in the context of US Forest Service viability assessments. <i>Acta Oecologica</i> , 2004, 26, 75-83.	1.1	37
62	Treatments of Uncertainty and Variability in Ecological Risk Assessment of Single-Species Populations. <i>Human and Ecological Risk Assessment (HERA)</i> , 2003, 9, 889-906.	3.4	55
63	Role of Ecological Modeling in Risk Assessment. <i>Human and Ecological Risk Assessment (HERA)</i> , 2003, 9, 939-972.	3.4	79
64	The effects of fire and predators on the long-term persistence of an endangered shrub, <i>Grevillea caleyi</i> . <i>Biological Conservation</i> , 2003, 109, 73-83.	4.1	43
65	Realism and Relevance of Ecological Models Used in Chemical Risk Assessment. <i>Human and Ecological Risk Assessment (HERA)</i> , 2003, 9, 907-938.	3.4	50
66	Analysis and Portrayal of Uncertainty in a Food-Web Exposure Model. <i>Human and Ecological Risk Assessment (HERA)</i> , 2002, 8, 1757-1777.	3.4	45
67	A TAXONOMY AND TREATMENT OF UNCERTAINTY FOR ECOLOGY AND CONSERVATION BIOLOGY. , 2002, 12, 618-628.		615
68	Mapping epistemic uncertainties and vague concepts in predictions of species distribution. <i>Ecological Modelling</i> , 2002, 157, 313-329.	2.5	221
69	Is it a Crime to Belong to a Reference Class. <i>Journal of Political Philosophy</i> , 2001, 9, 168-181.	1.2	61
70	Fuzzy Sets and Threatened Species Classification. <i>Conservation Biology</i> , 2000, 14, 1197-1199.	4.7	18
71	A proposal for fuzzy International Union for the Conservation of Nature (IUCN) categories and criteria. <i>Biological Conservation</i> , 2000, 92, 101-108.	4.1	80
72	A stochastic model for seagrass (<i>Zostera muelleri</i>) in Port Phillip Bay, Victoria, Australia. <i>Ecological Modelling</i> , 1999, 118, 131-148.	2.5	21

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73	Ecological Synthesis and Its Role in Advancing Knowledge. BioScience, 0, , .	4.9	4