The art of modelling range-shifting species

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431	Containment measures limit environmental effects on COVID-19 early outbreak dynamics.	60
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428	Machine learning to classify animal species in camera trap images: applications in ecology.	4
427	Forecasting the global extent of invasion of the cereal pest Spodoptera frugiperda, the fall armyworm.	5
426	Biotic interactions and climate in species distribution modelling.	3
425	Predicting potential current distribution of Lycorma delicatula (Hemiptera: Fulgoridae) using MaxEnt model in South Korea.	1
424	Spatial distribution and spread potential of sixteen Leptospira serovars in a subtropical region of Brazil.	1
423	Impacts of climate change on high priority fruit fly species in Australia.	1
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184	HyDiaD: A hybrid species distribution model combining dispersal, multi-habitat suitability, and population dynamics for diadromous species under climate change scenarios. **2022**, 470, 109997	0
183	Madagascar's fire regimes challenge global assumptions about landscape degradation.. **2022**,	1
182	Potential future climate change effects on global reptile distribution and diversity.	0
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180	Beyond tracking climate: Niche shifts during native range expansion and their implications for novel invasions.	
179	Habitat suitability modeling for the conservation and cultivation of the multipurpose fruit tree, Balanites aegyptiaca L., în the Republic of Chad, Sahel.	
178	The future impact of climate and land-use changes on Anatolian ground squirrels under different scenarios. **2022**, 101693	2

177	Inclusion of biotic variables improves predictions of environmental niche models.	3
176	Applications of telemetry to fish habitat science and management. 1-13	0
175	Data Quality Influences the Predicted Distribution and Habitat of Four Southern-Hemisphere Albatross Species. 9,	0
174	Intertidal beach habitat suitability model for Pacific sand lance, Ammodytes personatus, in the Salish Sea, Canada.	0
173	Assessing the impact of climate change on threatened endemic vascular plants of Argentina.	
172	Ticks on the move□limate change-induced range shifts of three tick species in Europe: current and future habitat suitability for Ixodes ricinus in comparison with Dermacentor reticulatus and Dermacentor marginatus.	2
171	Predicted Pleistocene□Holocene range and connectivity declines of the vulnerable fishing cat and insights for current conservation.	
170	Potential Distribution of Invasive Boxwood Blight Pathogen (Calonectria pseudonaviculata) as Predicted by Process-Based and Correlative Models. **2022**, 11, 849	0
169	Integrating physiology into correlative models can alter projections of habitat suitability under climate change for a threatened amphibian.	1
168	Predicting the habitat suitability of the invasive white mango scale, Aulacaspis tubercularis ; Newstead, 1906 (Hemiptera: Diaspididae) using bioclimatic variables.	
167	Cabruca agroforestry systems reduce vulnerability of cacao plantations to climate change in southern Bahia. **2022**, 42,	0
166	Far beyond the Amazon: global distribution, environmental suitability, and invasive potential of the two most introduced peacock bass.	0
165	Ecological Niche Modeling of Galinsoga Ruiz et Pav. Species in the Native and Caucasian Part of the Invasive Ranges. **2022**, 13, 245-258	
164	The rise and fall of an alien: why the successful colonizer Littorina saxatilis failed to invade the Mediterranean Sea.	5
163	Climatic and tectonic drivers shaped the tropical distribution of coral reefs. **2022**, 13,	1
162	Integrating the hotspot identification, gap analysis and niche modeling supports the conservation of Chinese threatened higher plants.	0
161	Distribution models calibrated with independent field data predict two million ancient and veteran trees in England.	0
160	Predicting the Foraging Habitats of Sympatrically Breeding Gadfly Petrels in the South Pacific Ocean. 9,	0

159	Finding what you don□t know: Testing SDM methods for poorly known species.	1
158	Climate change and range restriction of common salamanders in eastern Canada and the United States. **2022**, 86,	
157	Modeling forest-shrubland fire susceptibility based on machine learning and geospatial approaches in mountains of Kurdistan Region, Iraq. **2022**, 15,	0
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154	Effects of changing temperature phenology on the abundance of a critically endangered baleen whale. **2022**, 38, e02193	0
153	Eco-Cultural Niche Breadth and Overlap Within the Cucuteni□Trypillia Culture Groups During the Eneolithic. 10,	
152	Morphological characterization and habitat suitability modeling of the goat population of Benin under climate change scenarios. **2022**, 11,	0
151	Range-wide and regional distribution of the Western Tragopan Tragopan melanocephalus and effects of disturbance on local abundances. 1-14	
150	Simulation of the Potential Suitable Distribution of the Endangered Cremastra appendiculata in China Under Global Climate Change. 10,	
149	Ecological models predict narrow potential distribution for Trioza erytreae, vector of the citrus greening disease.	
148	Forecasting shifts in habitat suitability of three marine predators suggests a rapid decline in inter-specific overlap under future climate change. **2022**, 12,	
147	Assessing the current genetic structure of 21 remnant populations and predicting the impacts of climate change on the geographic distribution of Phoebe sheareri in southern China. **2022**, 157391	
146	Climate change-induced invasion risk of ecosystem disturbing alien plant species: An evaluation using species distribution modeling. 10,	1
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144	From the Balkan towards Western Europe: Range expansion of the golden jackal (Canis aureus)□A climatic niche modeling approach. **2022**, 12,	0
143	Phylogeography reveals the origin of the two phenological forms of large blue, Phengaris arion (Lepidoptera: Lycaenidae).	0
142	Environmental Drivers of Gulf Coast Tick (Acari: Ixodidae) Range Expansion in the United States.	2

141	The combination of genomic offset and niche modelling provides insights into climate change-driven vulnerability. **2022**, 13,	1
140	Identifying the natural reserve area of Cistanche salsa under the effects of multiple host plants and climate change conditions using a maximum entropy model in Xinjiang, China. 13,	0
139	Accounting for niche truncation to improve spatial and temporal predictions of species distributions. 10,	2
138	Mapping the Indian crested porcupine across Iraq: the benefits of species distribution modelling when species data are scarce.	0
137	Estimation of the potential geographical distribution of a new potato pest (Schrankia costaestrigalis) in China under climate change. **2022**,	
136	Synergetic use of unmanned aerial vehicle and satellite images for detecting non-native tree species: An insight into Acacia saligna invasion in the Mediterranean coast. 10,	1
135	Endemik Yaprak B□e□, Psylliodes anatolicus G□k ve □birolu 2004'un (Coleoptera: Chrysomelidae) T□kiye'deki □mdiki ve Gelecekteki Da□□Alanlar□□ Tahmin Edilmesi. 285-291	
134	The global distribution of known and undiscovered ant biodiversity. **2022**, 8,	4
133	Climate change expected to improve digestive rate and trigger range expansion in outbreaking locusts.	0
132	Assessing the Effectiveness of Correlative Ecological Niche Model Temporal Projection through Floristic Data. **2022**, 11, 1219	0
131	Protection gaps in Amazon floodplains will increase with climate change: Insight from the world's largest scaled freshwater fish.	0
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128	Prediction of the dynamic distribution for Eucheuma denticulatum (Rhodophyta, Solieriaceae) under climate change in the Indo-Pacific Ocean. **2022**, 180, 105730	
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124	Environmental drivers of seasonal shifts in abundance of wild pigs (Sus scrofa) in a tropical island environment. **2022**, 11,	0

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118	Classic or hybrid? The performance of next generation ecological models to study the response of Southern Ocean species to changing environmental conditions.	1
117	Ensemble modeling to predict the impact of future climate change on the global distribution of Olea europaea subsp. cuspidata. 5,	1
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112	Forecasting future range shifts of Xylella fastidiosa under climate change.	0
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89	MaxEnt modelling in predicting habitat suitability for Syzygium alternifolium - An endangered species from Eastern Ghats, India..	0
88	Global models and predictions of plant diversity based on advanced machine learning techniques.	1

87	MaxEnt modeling in predicting habitat suitability for Syzygium alternifolium - An endangered species from Eastern Ghats, India..	0
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62	Modeling Cultural Keystone Species for the Conservation of Biocultural Diversity in the Afroalpine. **2022**, 9, 156	0
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42	Modeling spatial distributions of Amah Mutsun priority cultural plants to support Indigenous cultural revitalization. **2023**, 14,	1
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37	A new method to explicitly estimate the shift of optimum along gradients in multispecies studies. **2023**, 50, 1000-1011	0
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32	MaxEnt brings comparable results when the input data are being completed; Model parameterization of four species distribution models. **2023**, 13,	0
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28	Habitat suitability mapping for a high-value non-timber forest product: A case study of <i>Rauvolfia serpentina</i>. **2023**, 31, 111-133	0
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25	A Maximum Entropy Species Distribution Model to Estimate the Distribution of Bushpigs on Madagascar and Its Implications for African Swine Fever. **2023**, 2023, 1-10	0
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22	The role of climate change and niche shifts in divergent range dynamics of a sister-species pair. 3,	0
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18	Current and Potential Future Global Distribution of the Raisin Moth Cadra figulilella (Lepidoptera: Pyralidae) under Two Different Climate Change Scenarios. **2023**, 12, 435	0
17	Merging integrated population models and individual-based models to project population dynamics of recolonizing species.	0
16	The Eurasian beaver range expansion reveals uneven future trends and possible conservation issues: an European assessment.	0

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14	A Modeling Framework to Frame a Biological Invasion: Impatiens glandulifera in North America. **2023**, 12, 1433	0
13	Geographic variation in evolutionary rescue in a predator-prey system under climate change: an example with aphids and ladybird beetles.	0
12	Climatic envelopes of the genus Lacerta Linnaeus, 1758 in Türkiye: an application of ecological niche modeling. **2023**, 30, 56382-56397	0
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10	Ecological Niche Modelling Approaches: Challenges and Applications in Vector-Borne Diseases. **2023**, 8, 187	0
9	Modeling Past, Present and Future niches: Species-specific responses to climate changes in three shrub congeners from South American drylands.	0
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7	The Fate of Guzmania´monostachia in Florida Rests with Humans. **2023**, 15, 525	0
6	Species distribution modelling supports the study of past, present and future biogeographies.	0
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3	Range contractions, fragmentation, species extirpations, and extinctions of commercially valuable molluscs in the Mediterranean Sea□ climate warming hotspot.	0
2	Multitemporal relative landslide exposure and risk analysis for the sustainable development of rapidly growing cities.	0
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