

Terence P Dawson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4461316/publications.pdf>

Version: 2024-02-01

112
papers

15,923
citations

47409

49
h-index

33145

104
g-index

116
all docs

116
docs citations

116
times ranked

22701
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of land use, population, and climate change on global food security. <i>Food and Energy Security</i> , 2021, 10, e261.	2.0	162
2	Analysing detection gaps in acoustic telemetry data to infer differential movement patterns in fish. <i>Ecology and Evolution</i> , 2021, 11, 2717-2730.	0.8	13
3	Projecting the effect of crop yield increases, dietary change and different price scenarios on land use under two different state security regimes. <i>International Journal of Agricultural Sustainability</i> , 2021, 19, 288-304.	1.3	1
4	Sustainability of wild plant use in the Andean Community of South America. <i>Ambio</i> , 2021, 50, 1681-1697.	2.8	9
5	Ensuring the Sustainability of Coastal Small-Scale Fisheries at Pitcairn Island (South Pacific) Within a Large Scale No-Take MPA. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	2
6	Climate change impacts on the ecological dynamics of two coral reef species, the humphead wrasse (<i>Cheilinus undulatus</i>) and crown-of-thorns starfish (<i>Acanthaster planci</i>). <i>Ecological Informatics</i> , 2021, 65, 101399.	2.3	10
7	Agricultural GHG emission and calorie intake nexus among different socioeconomic households of rural eastern India. <i>Environment, Development and Sustainability</i> , 2021, 23, 11563-11582.	2.7	1
8	The Effects of the Spatial Extent on Modelling Giant Panda Distributions Using Ecological Niche Models. <i>Sustainability</i> , 2021, 13, 11707.	1.6	3
9	Developing a fisheries management plan for the Pitcairn Islands Marine Reserve. , 2020, , 271-283.		3
10	Countering the threat of invasive species to the Galapagos marine reserve. , 2020, , 285-298.		2
11	Exploring sustainable scenarios in debt-based social-ecological systems: The case for palm oil production in Indonesia. <i>Ambio</i> , 2020, 49, 1530-1548.	2.8	4
12	Ensembles of ecosystem service models can improve accuracy and indicate uncertainty. <i>Science of the Total Environment</i> , 2020, 747, 141006.	3.9	23
13	Multiple conservation designations: what impact on the effectiveness of marine protected areas in the Irish Sea?. <i>International Journal of Sustainable Development and World Ecology</i> , 2020, 27, 596-610.	3.2	8
14	Comparing the impact of future cropland expansion on global biodiversity and carbon storage across models and scenarios. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190189.	1.8	21
15	A Continental-Scale Validation of Ecosystem Service Models. <i>Ecosystems</i> , 2019, 22, 1902-1917.	1.6	28
16	Who determines the trade-offs between agricultural production and environmental quality? An evolutionary perspective from rural eastern China. <i>International Journal of Agricultural Sustainability</i> , 2019, 17, 347-366.	1.3	7
17	The relationship between forest cover and diet quality: a case study of rural southern Malawi. <i>Food Security</i> , 2019, 11, 635-650.	2.4	19
18	Satellite Remote Sensing in Shark and Ray Ecology, Conservation and Management. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	23

#	ARTICLE	IF	CITATIONS
19	The Pitcairn Islands. , 2019, , 743-764.		2
20	Exploring sustainable land use in forested tropical social-ecological systems: A case-study in the Wet Tropics. <i>Journal of Environmental Management</i> , 2019, 231, 940-952.	3.8	15
21	Cropland yield divergence over Africa and its implication for mitigating food insecurity. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 707-734.	1.0	4
22	Global projections of future cropland expansion to 2050 and direct impacts on biodiversity and carbon storage. <i>Global Change Biology</i> , 2018, 24, 5895-5908.	4.2	126
23	It's not the 'what', but the 'how': Exploring the role of debt in natural resource (un)sustainability. <i>PLoS ONE</i> , 2018, 13, e0201141.	1.1	5
24	Developing a framework for the efficient design and management of large scale marine protected areas. <i>Marine Policy</i> , 2018, 94, 196-203.	1.5	3
25	Conceptual advancement of socio-ecological modelling of ecosystem services for re-evaluating Brownfield land. <i>Ecosystem Services</i> , 2018, 33, 29-39.	2.3	23
26	An amphidromic prawn, <i>Macrobrachium latimanus</i> (von Martens, 1868) (Decapoda: Palaemonidae), discovered on Pitcairn, a remote island in the southeastern Pacific Ocean. <i>Journal of Crustacean Biology</i> , 2017, 37, 503-506.	0.3	1
27	Connecting Earth observation to high-throughput biodiversity data. <i>Nature Ecology and Evolution</i> , 2017, 1, 176.	3.4	156
28	The impact of population growth and climate change on food security in Africa: looking ahead to 2050. <i>International Journal of Agricultural Sustainability</i> , 2017, 15, 124-135.	1.3	110
29	Lessons Learned Replicating the Analysis of Outputs from a Social Simulation of Biodiversity Incentivisation. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 355-365.	0.5	0
30	Global Hotspots of Conflict Risk between Food Security and Biodiversity Conservation. <i>Land</i> , 2017, 6, 67.	1.2	37
31	Reconstructed Marine Fisheries Catches at a Remote Island Group: Pitcairn Islands (1950â€“2014). <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	7
32	Modelling impacts of climate change on global food security. <i>Climatic Change</i> , 2016, 134, 429-440.	1.7	95
33	Marine invasive species: establishing pathways, their presence and potential threats in the Galapagos Marine Reserve. <i>Pacific Conservation Biology</i> , 2016, 22, 377.	0.5	19
34	The role of remote sensing in the development of SMART indicators for ecosystem services assessment. <i>Biodiversity</i> , 2016, 17, 136-148.	0.5	5
35	Framing the concept of satellite remote sensing essential biodiversity variables: challenges and future directions. <i>Remote Sensing in Ecology and Conservation</i> , 2016, 2, 122-131.	2.2	243
36	Selection of a network of large lakes and reservoirs suitable for global environmental change analysis using Earth Observation. <i>International Journal of Remote Sensing</i> , 2016, 37, 3042-3060.	1.3	18

#	ARTICLE	IF	CITATIONS
37	Reef Fishes at All Trophic Levels Respond Positively to Effective Marine Protected Areas. PLoS ONE, 2015, 10, e0140270.	1.1	46
38	Cascading effects of climate extremes on vertebrate fauna through changes to low-latitude tree flowering and fruiting phenology. Global Change Biology, 2015, 21, 3267-3277.	4.2	108
39	Poverty alleviation strategies in eastern China lead to critical ecological dynamics. Science of the Total Environment, 2015, 506-507, 164-181.	3.9	78
40	The potential of trait-based approaches to contribute to marine conservation. Marine Policy, 2015, 51, 148-150.	1.5	5
41	The UK Government agrees to create the world's largest marine reserve around the Pitcairn Islands, a UK Overseas Territory in the South Pacific. Pacific Conservation Biology, 2015, 21, 108.	0.5	4
42	First record of the non-native bryozoan <i>Amathia</i> (= <i>Zoobotryon</i>) <i>verticillata</i> (delle Chiaje, 1822) (Ctenostomata) in the Galápagos Islands. BiolInvasions Records, 2015, 4, 255-260.	0.4	12
43	Evolving Marine Biosecurity in the Galapagos Islands. Management of Biological Invasions, 2015, 6, 227-230.	0.5	10
44	Food security in a perfect storm: using the ecosystem services framework to increase understanding. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20120288.	1.8	116
45	Evaluation of the influence of two operational fraction of absorbed photosynthetically active radiation (FAPAR) products on terrestrial ecosystem productivity modelling. International Journal of Remote Sensing, 2014, 35, 321-340.	1.3	7
46	Safe and just operating spaces for regional social-ecological systems. Global Environmental Change, 2014, 28, 227-238.	3.6	311
47	Corrigendum to "Assessing the capacity of three production efficiency models in simulating gross carbon uptake across multiple biomes in conterminous USA" [Agric. Forest Meteorol. 174-175 (2013) 158-169]. Agricultural and Forest Meteorology, 2014, 189-190, 1.	1.9	0
48	Accommodating the human response for realistic adaptation planning: response to Watson and Segan. Trends in Ecology and Evolution, 2013, 28, 574-575.	4.2	0
49	Integrating abundance and functional traits reveals new global hotspots of fish diversity. Nature, 2013, 501, 539-542.	13.7	445
50	Assessing the capacity of three production efficiency models in simulating gross carbon uptake across multiple biomes in conterminous USA. Agricultural and Forest Meteorology, 2013, 174-175, 158-169.	1.9	12
51	Accommodating climate change contingencies in conservation strategy. Trends in Ecology and Evolution, 2013, 28, 135-142.	4.2	156
52	Developing a diagnostic model for estimating terrestrial vegetation gross primary productivity using the photosynthetic quantum yield and Earth Observation data. Global Change Biology, 2013, 19, 2878-2892.	4.2	24
53	Accounting for indirect land-use change in the life cycle assessment of biofuel supply chains. Journal of the Royal Society Interface, 2012, 9, 1105-1119.	1.5	91
54	Extending the timescale and range of ecosystem services through paleoenvironmental analyses, exemplified in the lower Yangtze basin. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1111-20.	3.3	163

#	ARTICLE	IF	CITATIONS
55	Navigating the Perfect Storm: Research Strategies for Socioecological Systems in a Rapidly Evolving World. <i>Environmental Management</i> , 2012, 49, 767-775.	1.2	47
56	Conceptualising the analysis of socio-ecological systems through ecosystem services and agent-based modelling. <i>Journal of Land Use Science</i> , 2011, 6, 83-99.	1.0	33
57	Geospatial tools address emerging issues in spatial ecology: a review and commentary on the Special Issue. <i>International Journal of Geographical Information Science</i> , 2011, 25, 337-365.	2.2	59
58	Beyond Predictions: Biodiversity Conservation in a Changing Climate. <i>Science</i> , 2011, 332, 53-58.	6.0	1,510
59	Evaluation of leaf area index estimated from medium spatial resolution remote sensing data in a broadleaf deciduous forest in southern England, UK. <i>Canadian Journal of Remote Sensing</i> , 2011, 37, 333-347.	1.1	11
60	Developing Summary Measures of Health-Related Multiple Physical Environmental Deprivation for Epidemiological Research. <i>Environment and Planning A</i> , 2010, 42, 1650-1668.	2.1	44
61	Ecosystem services and biodiversity conservation: concepts and a glossary. <i>Biodiversity and Conservation</i> , 2010, 19, 2773-2790.	1.2	137
62	A conceptual framework to assess the effects of environmental change on ecosystem services. <i>Biodiversity and Conservation</i> , 2010, 19, 2823-2842.	1.2	178
63	Indicators for biodiversity and ecosystem services: towards an improved framework for ecosystems assessment. <i>Biodiversity and Conservation</i> , 2010, 19, 2895-2919.	1.2	91
64	Dynamic properties of complex adaptive ecosystems: implications for the sustainability of service provision. <i>Biodiversity and Conservation</i> , 2010, 19, 2843-2853.	1.2	69
65	Alien invasions from space observations: detecting feral goat impacts on Isla Isabela, Galapagos Islands with the AVHRR. <i>International Journal of Remote Sensing</i> , 2009, 30, 423-433.	1.3	12
66	Quantifying the Contribution of Organisms to the Provision of Ecosystem Services. <i>BioScience</i> , 2009, 59, 223-235.	2.2	312
67	Evidence-based selection of environmental factors and datasets for measuring multiple environmental deprivation in epidemiological research. <i>Environmental Health</i> , 2009, 8, S18.	1.7	23
68	Spatial scale affects bioclimate model projections of climate change impacts on mountain plants. <i>Global Change Biology</i> , 2008, 14, 1089-1103.	4.2	202
69	Climate and cholera in KwaZulu-Natal, South Africa: The role of environmental factors and implications for epidemic preparedness. <i>International Journal of Hygiene and Environmental Health</i> , 2008, 211, 156-162.	2.1	57
70	Potential effects of climate change on plant communities in three montane nature reserves in Scotland, UK. <i>Biological Conservation</i> , 2008, 141, 1665-1675.	1.9	53
71	Sustainable livelihoods and forest resources in Madagascar: a multi-scale analysis using remote sensing. <i>Journal of Integrative Environmental Sciences</i> , 2008, 5, 129-143.	0.8	6
72	Airborne SAR monitoring of tree growth in a coniferous plantation. <i>International Journal of Remote Sensing</i> , 2008, 29, 3873-3889.	1.3	8

#	ARTICLE	IF	CITATIONS
73	Observations of forest stand top height and mean height from interferometric SAR and LiDAR over a conifer plantation at Thetford Forest, UK. <i>International Journal of Remote Sensing</i> , 2007, 28, 1173-1197.	1.3	39
74	Projecting Climate Change Impacts on Mountain Snow Cover in Central Scotland from Historical Patterns. <i>Arctic, Antarctic, and Alpine Research</i> , 2007, 39, 488-499.	0.4	25
75	Predicted response of the lichen epiphyte <i>Lecanora populicola</i> to climate change scenarios in a clean-air region of Northern Britain. <i>Biological Conservation</i> , 2007, 135, 396-404.	1.9	58
76	Response of British lichens to climate change scenarios: Trends and uncertainties in the projected impact for contrasting biogeographic groups. <i>Biological Conservation</i> , 2007, 140, 217-235.	1.9	138
77	Forecasting the Effects of Global Warming on Biodiversity. <i>BioScience</i> , 2007, 57, 227-236.	2.2	483
78	Poverty reduction must not exacerbate climate change. <i>Nature</i> , 2007, 446, 372-372.	13.7	3
79	Model-based uncertainty in species range prediction. <i>Journal of Biogeography</i> , 2006, 33, 1704-1711.	1.4	804
80	Integrating multiple modelling approaches to predict the potential impacts of climate change on species'™ distributions in contrasting regions: comparison and implications for policy. <i>Environmental Science and Policy</i> , 2006, 9, 129-147.	2.4	64
81	Progress in invasive plants research. <i>Progress in Physical Geography</i> , 2006, 30, 25-46.	1.4	58
82	Climate change impacts and vegetation response on the island of Madagascar. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2005, 363, 55-59.	1.6	62
83	Mapping tropical forest structure in southeastern Madagascar using remote sensing and artificial neural networks. <i>Remote Sensing of Environment</i> , 2005, 94, 491-507.	4.6	138
84	Synthesis of remote sensing approaches for forest carbon estimation: reporting to the Kyoto Protocol. <i>Environmental Science and Policy</i> , 2005, 8, 161-178.	2.4	163
85	Tree Structure and Diversity in Human-Impacted Littoral Forests, Madagascar. <i>Environmental Management</i> , 2005, 35, 779-798.	1.2	22
86	The importance of littoral forest remnants for indigenous bird conservation in southeastern Madagascar. <i>Biodiversity and Conservation</i> , 2005, 14, 523-545.	1.2	18
87	Technical Note: Inter-annual analysis of deforestation hotspots in Madagascar from high temporal resolution satellite observations. <i>International Journal of Remote Sensing</i> , 2005, 26, 1447-1461.	1.3	21
88	Selecting thresholds of occurrence in the prediction of species distributions. <i>Ecography</i> , 2005, 28, 385-393.	2.1	2,057
89	Long-distance plant dispersal and habitat fragmentation: identifying conservation targets for spatial landscape planning under climate change. <i>Biological Conservation</i> , 2005, 123, 389-401.	1.9	196
90	Bioclimate envelope models: what they detect and what they hide - response to Hampe (2004). <i>Global Ecology and Biogeography</i> , 2004, 13, 471-473.	2.7	69

#	ARTICLE	IF	CITATIONS
91	Avifaunal responses to habitat fragmentation in the threatened littoral forests of south-eastern Madagascar. <i>Journal of Biogeography</i> , 2004, 31, 1791-1807.	1.4	51
92	Modelling species distributions in Britain: a hierarchical integration of climate and land-cover data. <i>Ecography</i> , 2004, 27, 285-298.	2.1	491
93	Quantifying forest above ground carbon content using LiDAR remote sensing. <i>Remote Sensing of Environment</i> , 2004, 93, 368-380.	4.6	226
94	Habitat structure and proximity to forest edge affect the abundance and distribution of forest-dependent birds in tropical coastal forests of southeastern Madagascar. <i>Biological Conservation</i> , 2004, 120, 311-311.	1.9	0
95	Habitat structure and proximity to forest edge affect the abundance and distribution of forest-dependent birds in tropical coastal forests of southeastern Madagascar. <i>Biological Conservation</i> , 2004, 120, 311-327.	1.9	153
96	Predicting the impacts of climate change on the distribution of species: are bioclimate envelope models useful?. <i>Global Ecology and Biogeography</i> , 2003, 12, 361-371.	2.7	3,154
97	The sensitivity and vulnerability of terrestrial habitats and species in Britain and Ireland to climate change. <i>Journal for Nature Conservation</i> , 2003, 11, 15-23.	0.8	66
98	Climate change impacts on freshwater wetland habitats. <i>Journal for Nature Conservation</i> , 2003, 11, 25-30.	0.8	84
99	Modelling natural resource responses to climate change (the MONARCH project): an introduction. <i>Journal for Nature Conservation</i> , 2003, 11, 3-4.	0.8	4
100	Forest ecosystem chlorophyll content: Implications for remotely sensed estimates of net primary productivity. <i>International Journal of Remote Sensing</i> , 2003, 24, 611-617.	1.3	74
101	The carbon pool in a British semi-natural woodland. <i>Forestry</i> , 2003, 76, 109-119.	1.2	36
102	SPECIES: A Spatial Evaluation of Climate Impact on the Envelope of Species. <i>Ecological Modelling</i> , 2002, 154, 289-300.	1.2	377
103	Modelling potential impacts of climate change on the bioclimatic envelope of species in Britain and Ireland. <i>Global Ecology and Biogeography</i> , 2002, 11, 453-462.	2.7	260
104	Modelling potential impacts of climate change on the bioclimatic envelope of species in Britain and Ireland. , 2002, 11, 453.		3
105	The impacts of a river effluent on the coastal seagrass habitats of MahÃ©, Seychelles. <i>South African Journal of Botany</i> , 2001, 67, 483-487.	1.2	9
106	The potential for estimating chlorophyll content from a vegetation canopy using the Medium Resolution Imaging Spectrometer (MERIS). <i>International Journal of Remote Sensing</i> , 2000, 21, 2043-2051.	1.3	15
107	The Propagation of Foliar Biochemical Absorption Features in Forest Canopy Reflectance. <i>Remote Sensing of Environment</i> , 1999, 67, 147-159.	4.6	144
108	LIBERTYâ€™ Modeling the Effects of Leaf Biochemical Concentration on Reflectance Spectra. <i>Remote Sensing of Environment</i> , 1998, 65, 50-60.	4.6	310

#	ARTICLE	IF	CITATIONS
109	Technical note A new technique for interpolating the reflectance red edge position. International Journal of Remote Sensing, 1998, 19, 2133-2139.	1.3	331
110	The biochemical decomposition of slash pine needles from reflectance spectra using neural networks. International Journal of Remote Sensing, 1998, 19, 1433-1438.	1.3	54
111	Itâ€™s Just Conservation: To What Extent Are Marine Protected Areas in the Irish Sea Equitably Governed and Managed?. Frontiers in Marine Science, 0, 8, .	1.2	9
112	Monitoring shallow coral reef exposure to environmental stressors using satellite earth observation: the reef environmental stress exposure toolbox (<sc>RESET</sc>). Remote Sensing in Ecology and Conservation, 0, , .	2.2	3