

# Volker C Radeloff

## List of Publications by Citations

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272  
papers

13,147  
citations

62  
h-index

102  
g-index

283  
ext. papers

15,507  
ext. citations

6.5  
avg, IF

6.55  
L-index

#	Paper	IF	Citations
272	Projected land-use change impacts on ecosystem services in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 7492-7	11.5	412
271	Human influence on California fire regimes <b>2007</b> , 17, 1388-402		407
270	Rapid growth of the US wildland-urban interface raises wildfire risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 3314-3319	11.5	302
269	Patterns and drivers of post-socialist farmland abandonment in Western Ukraine. <i>Land Use Policy</i> , <b>2011</b> , 28, 552-562	5.6	299
268	Housing growth in and near United States protected areas limits their conservation value. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 940-5	11.5	266
267	Determinants of agricultural land abandonment in post-Soviet European Russia. <i>Land Use Policy</i> , <b>2013</b> , 30, 873-884	5.6	262
266	Cross-border Comparison of Post-socialist Farmland Abandonment in the Carpathians. <i>Ecosystems</i> , <b>2008</b> , 11, 614-628	3.9	215
265	Rural and Suburban Sprawl in the U.S. Midwest from 1940 to 2000 and Its Relation to Forest Fragmentation. <i>Conservation Biology</i> , <b>2005</b> , 19, 793-805	6	212
264	Mapping abandoned agriculture with multi-temporal MODIS satellite data. <i>Remote Sensing of Environment</i> , <b>2012</b> , 124, 334-347	13.2	195
263	Forest disturbances, forest recovery, and changes in forest types across the Carpathian ecoregion from 1985 to 2010 based on Landsat image composites. <i>Remote Sensing of Environment</i> , <b>2014</b> , 151, 72-88	13.2	188
262	Benefits of the free and open Landsat data policy. <i>Remote Sensing of Environment</i> , <b>2019</b> , 224, 382-385	13.2	176
261	Forest and agricultural land change in the Carpathian region: A meta-analysis of long-term patterns and drivers of change. <i>Land Use Policy</i> , <b>2014</b> , 38, 685-697	5.6	173
260	Land cover mapping of large areas using chain classification of neighboring Landsat satellite images. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, 957-964	13.2	172
259	Characterizing dynamic spatial and temporal residential density patterns from 1940-1990 across the North Central United States. <i>Landscape and Urban Planning</i> , <b>2004</b> , 69, 183-199	7.7	169
258	Effects of institutional changes on land use: agricultural land abandonment during the transition from state-command to market-driven economies in post-Soviet Eastern Europe. <i>Environmental Research Letters</i> , <b>2012</b> , 7, 024021	6.2	161
257	Predicting spatial patterns of fire on a southern California landscape. <i>International Journal of Wildland Fire</i> , <b>2008</b> , 17, 602	3.2	159
256	Conservation threats due to human-caused increases in fire frequency in Mediterranean-climate ecosystems. <i>Conservation Biology</i> , <b>2009</b> , 23, 758-69	6	155

255	Forest cover change and illegal logging in the Ukrainian Carpathians in the transition period from 1988 to 2007. <i>Remote Sensing of Environment</i> , <b>2009</b> , 113, 1194-1207	13.2	152
254	Mapping the extent of abandoned farmland in Central and Eastern Europe using MODIS time series satellite data. <i>Environmental Research Letters</i> , <b>2013</b> , 8, 035035	6.2	150
253	Image texture as a remotely sensed measure of vegetation structure. <i>Remote Sensing of Environment</i> , <b>2012</b> , 121, 516-526	13.2	148
252	Phenological differences in Tasseled Cap indices improve deciduous forest classification. <i>Remote Sensing of Environment</i> , <b>2002</b> , 80, 460-472	13.2	143
251	Ten ways remote sensing can contribute to conservation. <i>Conservation Biology</i> , <b>2015</b> , 29, 350-9	6	139
250	Post-Soviet farmland abandonment, forest recovery, and carbon sequestration in western Ukraine. <i>Global Change Biology</i> , <b>2011</b> , 17, 1335-1349	11.4	139
249	The rise of novelty in ecosystems <b>2015</b> , 25, 2051-68		137
248	Integrating Landscape and Metapopulation Modeling Approaches: Viability of the Sharp-Tailed Grouse in a Dynamic Landscape. <i>Conservation Biology</i> , <b>2004</b> , 18, 526-537	6	136
247	Detection rates of the MODIS active fire product in the United States. <i>Remote Sensing of Environment</i> , <b>2008</b> , 112, 2656-2664	13.2	135
246	Cross-border comparison of land cover and landscape pattern in Eastern Europe using a hybrid classification technique. <i>Remote Sensing of Environment</i> , <b>2006</b> , 103, 449-464	13.2	133
245	Housing is positively associated with invasive exotic plant species richness in New England, USA <b>2010</b> , 20, 1913-25		131
244	Demographic Trends, the Wildland-Urban Interface, and Wildfire Management. <i>Society and Natural Resources</i> , <b>2009</b> , 22, 777-782	2.4	122
243	Regime shift on the roof of the world: Alpine meadows converting to shrublands in the southern Himalayas. <i>Biological Conservation</i> , <b>2013</b> , 158, 116-127	6.2	121
242	Global priorities for conservation across multiple dimensions of mammalian diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 7641-7646	11.5	118
241	The effect of Landsat ETM/ETM + image acquisition dates on the detection of agricultural land abandonment in Eastern Europe. <i>Remote Sensing of Environment</i> , <b>2012</b> , 126, 195-209	13.2	113
240	Human impacts on regional avian diversity and abundance. <i>Conservation Biology</i> , <b>2008</b> , 22, 405-16	6	109
239	Forest restitution and protected area effectiveness in post-socialist Romania. <i>Biological Conservation</i> , <b>2012</b> , 146, 204-212	6.2	108
238	Post-socialist forest disturbance in the Carpathian border region of Poland, Slovakia, and Ukraine <b>2007</b> , 17, 1279-95		106

237	Mapping agricultural land abandonment from spatial and temporal segmentation of Landsat time series. <i>Remote Sensing of Environment</i> , <b>2018</b> , 210, 12-24	13.2	104
236	Difference in spatiotemporal patterns of wildlife road-crossings and wildlife-vehicle collisions. <i>Biological Conservation</i> , <b>2012</b> , 145, 70-78	6.2	102
235	Forest landscape change in the northwestern Wisconsin Pine Barrens from pre-European settlement to the present. <i>Canadian Journal of Forest Research</i> , <b>1999</b> , 29, 1649-1659	1.9	102
234	Wildland - urban interface housing growth during the 1990s in California, Oregon, and Washington. <i>International Journal of Wildland Fire</i> , <b>2007</b> , 16, 255	3.2	99
233	Wildfire ignition-distribution modelling: a comparative study in the HuronManistee National Forest, Michigan, USA. <i>International Journal of Wildland Fire</i> , <b>2013</b> , 22, 174	3.2	98
232	Road Density and Landscape Pattern in Relation to Housing Density, and Ownership, Land Cover, and Soils. <i>Landscape Ecology</i> , <b>2005</b> , 20, 609-625	4.3	98
231	Detecting Jack Pine Budworm Defoliation Using Spectral Mixture Analysis: Separating Effects from Determinants. <i>Remote Sensing of Environment</i> , <b>1999</b> , 69, 156-169	13.2	97
230	Long-term agricultural land-cover change and potential for cropland expansion in the former Virgin Lands area of Kazakhstan. <i>Environmental Research Letters</i> , <b>2015</b> , 10, 054012	6.2	94
229	Rapid land use change after socio-economic disturbances: the collapse of the Soviet Union versus Chernobyl. <i>Environmental Research Letters</i> , <b>2011</b> , 6, 045201	6.2	93
228	Wildfire risk in the wildlandUrban interface: A simulation study in northwestern Wisconsin. <i>Forest Ecology and Management</i> , <b>2009</b> , 258, 1990-1999	3.9	92
227	European Bison habitat in the Carpathian Mountains. <i>Biological Conservation</i> , <b>2010</b> , 143, 908-916	6.2	91
226	Housing arrangement and location determine the likelihood of housing loss due to wildfire. <i>PLoS ONE</i> , <b>2012</b> , 7, e33954	3.7	91
225	Human and biophysical influences on fire occurrence in the United States <b>2013</b> , 23, 565-82		89
224	Satellite image texture and a vegetation index predict avian biodiversity in the Chihuahuan Desert of New Mexico. <i>Ecography</i> , <b>2009</b> , 32, 468-480	6.5	87
223	High-resolution image texture as a predictor of bird species richness. <i>Remote Sensing of Environment</i> , <b>2006</b> , 105, 299-312	13.2	85
222	Road development, housing growth, and landscape fragmentation in northern Wisconsin: 1937-1999 <b>2006</b> , 16, 1222-37		82
221	Roads and Landscape Pattern in Northern Wisconsin Based on a Comparison of Four Road Data Sources. <i>Conservation Biology</i> , <b>2004</b> , 18, 1233-1244	6	75
220	Modeling forest songbird species richness using LiDAR-derived measures of forest structure. <i>Remote Sensing of Environment</i> , <b>2011</b> , 115, 2823-2835	13.2	74

219	Legacies of 19th century land use shape contemporary forest cover. <i>Global Environmental Change</i> , <b>2015</b> , 34, 83-94	10.1	72
218	Using the Landsat record to detect forest-cover changes during and after the collapse of the Soviet Union in the temperate zone of European Russia. <i>Remote Sensing of Environment</i> , <b>2012</b> , 124, 174-184	13.2	72
217	Scenarios of future land use change around United States protected areas. <i>Biological Conservation</i> , <b>2015</b> , 184, 446-455	6.2	68
216	Monitoring the invasion of an exotic tree ( <i>Ligustrum lucidum</i> ) from 1983 to 2006 with Landsat TM/ETM + satellite data and Support Vector Machines in Córdoba, Argentina. <i>Remote Sensing of Environment</i> , <b>2012</b> , 122, 134-145	13.2	66
215	EFFECTS OF INTERACTING DISTURBANCES ON LANDSCAPE PATTERNS: BUDWORM DEFOLIATION AND SALVAGE LOGGING <b>2000</b> , 10, 233-247		66
214	Current and future land use around a nationwide protected area network. <i>PLoS ONE</i> , <b>2013</b> , 8, e55737	3.7	64
213	Improved estimates of forest vegetation structure and biomass with a LiDAR-optimized sampling design. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		63
212	Invasion of glossy privet ( <i>Ligustrum lucidum</i> ) and native forest loss in the Sierras Chicas of Córdoba, Argentina. <i>Biological Invasions</i> , <b>2010</b> , 12, 3261-3275	2.7	63
211	INTEGRATION OF GIS DATA AND CLASSIFIED SATELLITE IMAGERY FOR REGIONAL FOREST ASSESSMENT <b>1998</b> , 8, 1072-1083		63
210	Threats and opportunities for freshwater conservation under future land use change scenarios in the United States. <i>Global Change Biology</i> , <b>2014</b> , 20, 113-24	11.4	62
209	Effects of drought on avian community structure. <i>Global Change Biology</i> , <b>2009</b> , 16, 2158-2170	11.4	61
208	Paying the extinction debt in southern Wisconsin forest understories. <i>Conservation Biology</i> , <b>2009</b> , 23, 1497-506	6	61
207	Using Landsat imagery to map forest change in southwest China in response to the national logging ban and ecotourism development. <i>Remote Sensing of Environment</i> , <b>2012</b> , 121, 358-369	13.2	60
206	Building patterns and landscape fragmentation in northern Wisconsin, USA. <i>Landscape Ecology</i> , <b>2007</b> , 22, 217-230	4.3	60
205	Predicting potential European bison habitat across its former range <b>2011</b> , 21, 830-43		59
204	Biotic and Abiotic Effects of Human Settlements in the Wildland-Urban Interface. <i>BioScience</i> , <b>2014</b> , 64, 429-437	5.7	58
203	Landsat remote sensing of forest windfall disturbance. <i>Remote Sensing of Environment</i> , <b>2014</b> , 143, 171-179	13.2	57
202	Continued loss of temperate old-growth forests in the Romanian Carpathians despite an increasing protected area network. <i>Environmental Conservation</i> , <b>2013</b> , 40, 182-193	3.3	57

201	Places where wildfire potential and social vulnerability coincide in the coterminous United States. <i>International Journal of Wildland Fire</i> , <b>2016</b> , 25, 896	3.2	57
200	Spring plant phenology and false springs in the conterminous US during the 21st century. <i>Environmental Research Letters</i> , <b>2015</b> , 10, 104008	6.2	56
199	Rural housing is related to plant invasions in forests of southern Wisconsin, USA. <i>Landscape Ecology</i> , <b>2010</b> , 25, 1505-1518	4.3	56
198	Phenology from Landsat when data is scarce: Using MODIS and Dynamic Time-Warping to combine multi-year Landsat imagery to derive annual phenology curves. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2017</b> , 54, 72-83	7.3	55
197	Combined speeds of climate and land-use change of the conterminous US until 2050. <i>Nature Climate Change</i> , <b>2014</b> , 4, 811-816	21.4	54
196	Broad scale forest cover reconstruction from historical topographic maps. <i>Applied Geography</i> , <b>2016</b> , 67, 39-48	4.4	52
195	Modeling habitat suitability for Greater Rheas based on satellite image texture <b>2008</b> , 18, 1956-66		52
194	The relative effectiveness of protected areas, a logging ban, and sacred areas for old-growth forest protection in southwest China. <i>Biological Conservation</i> , <b>2015</b> , 181, 1-8	6.2	51
193	Landsat-based mapping of post-Soviet land-use change to assess the effectiveness of the Oksky and Mordovsky protected areas in European Russia. <i>Remote Sensing of Environment</i> , <b>2013</b> , 133, 38-51	13.2	50
192	Improving environmental and social targeting through adaptive management in Mexico's payments for hydrological services program. <i>Conservation Biology</i> , <b>2014</b> , 28, 1151-9	6	49
191	Opportunities for the application of advanced remotely-sensed data in ecological studies of terrestrial animal movement. <i>Movement Ecology</i> , <b>2015</b> , 3, 8	4.6	48
190	Modeling broad-scale patterns of avian species richness across the Midwestern United States with measures of satellite image texture. <i>Remote Sensing of Environment</i> , <b>2012</b> , 118, 140-150	13.2	48
189	A Historical Perspective and Future Outlook on Landscape Scale Restoration in the Northwest Wisconsin Pine Barrens. <i>Restoration Ecology</i> , <b>2000</b> , 8, 119-126	3.1	48
188	Image texture predicts avian density and species richness. <i>PLoS ONE</i> , <b>2013</b> , 8, e63211	3.7	47
187	Combined effects of heat waves and droughts on avian communities across the conterminous United States. <i>Ecosphere</i> , <b>2010</b> , 1, art12	3.1	47
186	The Relationship between Environmental Amenities and Changing Human Settlement Patterns between 1980 and 2000 in the Midwestern USA. <i>Landscape Ecology</i> , <b>2005</b> , 20, 773-789	4.3	46
185	Land-use change in the Caucasus during and after the Nagorno-Karabakh conflict. <i>Regional Environmental Change</i> , <b>2015</b> , 15, 1703-1716	4.3	45
184	Rapid declines of large mammal populations after the collapse of the Soviet Union. <i>Conservation Biology</i> , <b>2015</b> , 29, 844-53	6	45

183	The pace of past climate change vs. potential bird distributions and land use in the United States. <i>Global Change Biology</i> , <b>2016</b> , 22, 1130-44	11.4	45
182	Divergent projections of future land use in the United States arising from different models and scenarios. <i>Ecological Modelling</i> , <b>2016</b> , 337, 281-297	3	45
181	A comparison of Dynamic Habitat Indices derived from different MODIS products as predictors of avian species richness. <i>Remote Sensing of Environment</i> , <b>2017</b> , 195, 142-152	13.2	44
180	The influence of vertical and horizontal habitat structure on nationwide patterns of avian biodiversity. <i>Auk</i> , <b>2013</b> , 130, 656-665	2.1	44
179	Bird diversity: a predictable function of satellite-derived estimates of seasonal variation in canopy light absorbance across the United States. <i>Journal of Biogeography</i> , <b>2009</b> , 36, 905-918	4.1	44
178	Reconstructing long time series of burned areas in arid grasslands of southern Russia by satellite remote sensing. <i>Remote Sensing of Environment</i> , <b>2010</b> , 114, 1638-1648	13.2	44
177	Heat waves measured with MODIS land surface temperature data predict changes in avian community structure. <i>Remote Sensing of Environment</i> , <b>2011</b> , 115, 245-254	13.2	43
176	Patterns of houses and habitat loss from 1937 to 1999 in northern Wisconsin, USA <b>2007</b> , 17, 2011-23		43
175	The Dynamic Habitat Indices (DHIs) from MODIS and global biodiversity. <i>Remote Sensing of Environment</i> , <b>2019</b> , 222, 204-214	13.2	43
174	Assessing differences in connectivity based on habitat versus movement models for brown bears in the Carpathians. <i>Landscape Ecology</i> , <b>2016</b> , 31, 1863-1882	4.3	42
173	Global mitigation potential of carbon stored in harvested wood products. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 14526-14531	11.5	41
172	Climate, Livestock, and Vegetation: What Drives Fire Increase in the Arid Ecosystems of Southern Russia?. <i>Ecosystems</i> , <b>2011</b> , 14, 547-562	3.9	40
171	Reaffirming Social Landscape Analysis in Landscape Ecology: A Conceptual Framework. <i>Society and Natural Resources</i> , <b>2003</b> , 16, 349-361	2.4	40
170	The changing relation of landscape patterns and jack pine budworm populations during an outbreak. <i>Oikos</i> , <b>2000</b> , 90, 417-430	4	40
169	The 2010 wildland-urban interface of the conterminous United States <b>2015</b> ,		39
168	Effects of different matrix representations and connectivity measures on habitat network assessments. <i>Landscape Ecology</i> , <b>2014</b> , 29, 1551-1570	4.3	38
167	Sacred forests are keystone structures for forest bird conservation in southwest China—Himalayan Mountains. <i>Biological Conservation</i> , <b>2013</b> , 166, 34-42	6.2	38
166	Habitat and population modelling of roe deer using an interactive geographic information system. <i>Ecological Modelling</i> , <b>1999</b> , 114, 287-304	3	38

165	Future land-use scenarios and the loss of wildlife habitats in the southeastern United States <b>2015</b> , 25, 160-71		37
164	Where wildfires destroy buildings in the US relative to the wildland–urban interface and national fire outreach programs. <i>International Journal of Wildland Fire</i> , <b>2018</b> , 27, 329	3.2	37
163	Land-cover change and avian diversity in the conterminous United States. <i>Conservation Biology</i> , <b>2012</b> , 26, 821-9	6	37
162	Historical forest management in Romania is imposing strong legacies on contemporary forests and their management. <i>Forest Ecology and Management</i> , <b>2016</b> , 361, 179-193	3.9	36
161	Reconstructing range dynamics and range fragmentation of European bison for the last 8000 years. <i>Diversity and Distributions</i> , <b>2012</b> , 18, 47-59	5	36
160	Increasing development in the surroundings of U.S. National Park Service holdings jeopardizes park effectiveness. <i>Journal of Environmental Management</i> , <b>2011</b> , 92, 229-39	7.9	36
159	High wildfire damage in interface communities in California. <i>International Journal of Wildland Fire</i> , <b>2019</b> , 28, 641	3.2	35
158	Quasi-experimental methods enable stronger inferences from observational data in ecology. <i>Basic and Applied Ecology</i> , <b>2017</b> , 19, 1-10	3.2	34
157	Combined effects of night warming and light pollution on predator-prey interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	33
156	Potential habitat connectivity of European bison ( <i>Bison bonasus</i> ) in the Carpathians. <i>Biological Conservation</i> , <b>2012</b> , 146, 188-196	6.2	33
155	The Impact of Phenological Variation on Texture Measures of Remotely Sensed Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2009</b> , 2, 299-309	4.7	33
154	Spatiotemporal dynamics of housing growth hotspots in the North Central U.S. from 1940 to 2000. <i>Landscape Ecology</i> , <b>2007</b> , 22, 939-952	4.3	33
153	Modeling forest harvesting effects on landscape pattern in the Northwest Wisconsin Pine Barrens. <i>Forest Ecology and Management</i> , <b>2006</b> , 236, 113-126	3.9	33
152	Spatial patterns of cone serotiny in <i>Pinus banksiana</i> in relation to fire disturbance. <i>Forest Ecology and Management</i> , <b>2004</b> , 189, 133-141	3.9	33
151	Climate change causes functionally colder winters for snow cover-dependent organisms. <i>Nature Climate Change</i> , <b>2019</b> , 9, 886-893	21.4	32
150	Effects of ignition location models on the burn patterns of simulated wildfires. <i>Environmental Modelling and Software</i> , <b>2011</b> , 26, 583-592	5.2	32
149	Assessing landscape connectivity for large mammals in the Caucasus using Landsat 8 seasonal image composites. <i>Remote Sensing of Environment</i> , <b>2017</b> , 193, 193-203	13.2	31
148	Regional- and district-level drivers of timber harvesting in European Russia after the collapse of the Soviet Union. <i>Global Environmental Change</i> , <b>2011</b> , 21, 1290-1300	10.1	31



147	Cost-effectiveness of strategies to establish a European bison metapopulation in the Carpathians. <i>Journal of Applied Ecology</i> , <b>2011</b> , 48, 317-329	5.8	31
146	Monitoring cropland abandonment with Landsat time series. <i>Remote Sensing of Environment</i> , <b>2020</b> , 246, 111873	13.2	31
145	Conservation hotspots for marine turtle nesting in the United States based on coastal development. <i>Ecological Applications</i> , <b>2016</b> , 26, 2706-2717	4.9	31
144	Hot moments for biodiversity conservation. <i>Conservation Letters</i> , <b>2013</b> , 6, 58-65	6.9	30
143	Improving the mapping of crop types in the Midwestern U.S. by fusing Landsat and MODIS satellite data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2017</b> , 58, 1-11	7.3	29
142	Factors related to building loss due to wildfires in the conterminous United States <b>2016</b> , 26, 2323-2338		29
141	Species diversity as a surrogate for conservation of phylogenetic and functional diversity in terrestrial vertebrates across the Americas. <i>Nature Ecology and Evolution</i> , <b>2019</b> , 3, 53-61	12.3	29
140	Effects of national forest-management regimes on unprotected forests of the Himalaya. <i>Conservation Biology</i> , <b>2017</b> , 31, 1271-1282	6	28
139	Using structure locations as a basis for mapping the wildland urban interface. <i>Journal of Environmental Management</i> , <b>2013</b> , 128, 540-7	7.9	28
138	Contrasting measures of fitness to classify habitat quality for the black-throated sparrow ( <i>Amphispiza bilineata</i> ). <i>Biological Conservation</i> , <b>2006</b> , 132, 199-210	6.2	28
137	Drivers of forest cover change in Eastern Europe and European Russia, 1985-2012. <i>Land Use Policy</i> , <b>2016</b> , 59, 284-297	5.6	27
136	Housing development erodes avian community structure in U.S. protected areas <b>2014</b> , 24, 1445-62		27
135	Rebuilding and new housing development after wildfire. <i>International Journal of Wildland Fire</i> , <b>2015</b> , 24, 138	3.2	27
134	Avifauna response to hurricanes: regional changes in community similarity. <i>Global Change Biology</i> , <b>2010</b> , 16, 905-917	11.4	27
133	The conundrum of agenda-driven science in conservation. <i>Frontiers in Ecology and the Environment</i> , <b>2019</b> , 17, 80-82	5.5	26
132	Widespread forest cutting in the aftermath of World War II captured by broad-scale historical Corona spy satellite photography. <i>Remote Sensing of Environment</i> , <b>2018</b> , 204, 322-332	13.2	25
131	The relative impacts of vegetation, topography and spatial arrangement on building loss to wildfires in case studies of California and Colorado. <i>Landscape Ecology</i> , <b>2016</b> , 31, 415-430	4.3	25
130	Modelling avian biodiversity using raw, unclassified satellite imagery. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369, 20130197	5.8	25

129	Using the North American Breeding Bird Survey to assess broad-scale response of the continent's most imperiled avian community, grassland birds, to weather variability. <i>Condor</i> , <b>2016</b> , 118, 502-512	2.1	24
128	Historical land use dataset of the Carpathian region (1819-1980). <i>Journal of Maps</i> , <b>2018</b> , 14, 644-651	2.2	24
127	Mapping seasonal European bison habitat in the Caucasus Mountains to identify potential reintroduction sites. <i>Biological Conservation</i> , <b>2015</b> , 191, 83-92	6.2	23
126	Potential breeding distributions of U.S. birds predicted with both short-term variability and long-term average climate data <b>2016</b> , 26, 2718-2729		23
125	Post-Soviet land-use change effects on large mammals' habitat in European Russia. <i>Biological Conservation</i> , <b>2015</b> , 191, 567-576	6.2	22
124	Complex effects of scale on the relationships of landscape pattern versus avian species richness and community structure in a woodland savanna mosaic. <i>Ecography</i> , <b>2012</b> , 35, 393-411	6.5	22
123	The effect of protected areas on forest disturbance in the Carpathian Mountains 1985-2010. <i>Conservation Biology</i> , <b>2017</b> , 31, 570-580	6	22
122	Long-term avian community response to housing development at the boundary of US protected areas: effect size increases with time. <i>Journal of Applied Ecology</i> , <b>2015</b> , 52, 1227-1236	5.8	22
121	Influence of forest planning alternatives on landscape pattern and ecosystem processes in northern Wisconsin, USA. <i>Forest Ecology and Management</i> , <b>2008</b> , 254, 429-444	3.9	22
120	Nineteenth-century land-use legacies affect contemporary land abandonment in the Carpathians. <i>Regional Environmental Change</i> , <b>2017</b> , 17, 2209-2222	4.3	21
119	Adapting to Wildfire: Rebuilding After Home Loss. <i>Society and Natural Resources</i> , <b>2015</b> , 28, 839-856	2.4	21
118	Behavioural response to infrastructure of wildlife adapted to natural disturbances. <i>Landscape and Urban Planning</i> , <b>2013</b> , 114, 9-27	7.7	21
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113	Analytical solutions to trade-offs between size of protected areas and land-use intensity. <i>Conservation Biology</i> , <b>2012</b> , 26, 883-93	6	20
112	Two multi-scale contextual approaches for mapping spatial pattern. <i>Landscape Ecology</i> , <b>2010</b> , 25, 711-723	4.3	20

111	Land-cover change in the Caucasus Mountains since 1987 based on the topographic correction of multi-temporal Landsat composites. <i>Remote Sensing of Environment</i> , <b>2020</b> , 248, 111967	13.2	20
110	Agricultural abandonment and re-cultivation during and after the Chechen Wars in the northern Caucasus. <i>Global Environmental Change</i> , <b>2019</b> , 55, 149-159	10.1	20
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108	Allocating fuel breaks to optimally protect structures in the wildland-urban interface. <i>International Journal of Wildland Fire</i> , <b>2011</b> , 20, 59	3.2	19
107	Conservation of forest birds: evidence of a shifting baseline in community structure. <i>PLoS ONE</i> , <b>2010</b> , 5, e11938	3.7	19
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105	Recovery and adaptation after wildfire on the Colorado Front Range (2010-12). <i>International Journal of Wildland Fire</i> , <b>2016</b> , 25, 1144	3.2	18
104	Effects of habitat suitability and minimum patch size thresholds on the assessment of landscape connectivity for jaguars in the Sierra Gorda, Mexico. <i>Biological Conservation</i> , <b>2016</b> , 204, 296-305	6.2	17
103	Evaluating the influence of conservation plans on land protection actions in Wisconsin, USA. <i>Biological Conservation</i> , <b>2014</b> , 178, 37-49	6.2	17
102	The importance of range edges for an irruptive species during extreme weather events. <i>Landscape Ecology</i> , <b>2015</b> , 30, 1095-1110	4.3	17
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99	Effectiveness of protected areas in the Western Caucasus before and after the transition to post-socialism. <i>Biological Conservation</i> , <b>2015</b> , 184, 456-464	6.2	16
98	Slow and steady wins the race? Future climate and land use change leaves the imperiled Blanding's turtle ( <i>Emydoidea blandingii</i> ) behind. <i>Biological Conservation</i> , <b>2018</b> , 222, 75-85	6.2	16
97	Modeling regional-scale habitat of forest birds when land management guidelines are needed but information is limited. <i>Biological Conservation</i> , <b>2010</b> , 143, 1759-1769	6.2	16
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91	Effects of local land-use planning on development and disturbance in riparian areas. <i>Land Use Policy</i> , <b>2017</b> , 60, 16-25	5.6	14
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85	Effects of ecotourism on forest loss in the Himalayan biodiversity hotspot based on counterfactual analyses. <i>Conservation Biology</i> , <b>2019</b> , 33, 1318-1328	6	12
84	Change in agricultural land use constrains adaptation of national wildlife refuges to climate change. <i>Environmental Conservation</i> , <b>2015</b> , 42, 12-19	3.3	12
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77	Future Land-Use Changes and the Potential for Novelty in Ecosystems of the United States. <i>Ecosystems</i> , <b>2015</b> , 18, 1332-1342	3.9	10
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75	Vegetation productivity summarized by the Dynamic Habitat Indices explains broad-scale patterns of moose abundance across Russia. <i>Scientific Reports</i> , <b>2020</b> , 10, 836	4.9	10
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| 3 | Forest phenoclusters for Argentina based on vegetation phenology and climate.. <i>Ecological Applications</i> , <b>2022</b> , e2526                                  | 4.9 | o |
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| 1 | Patterns of bird species richness explained by annual variation in remotely sensed Dynamic Habitat Indices. <i>Ecological Indicators</i> , <b>2021</b> , 127, 107774 | 5.8 |   |