

# Martin Herold

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

237  
papers

15,357  
citations

64  
h-index

118  
g-index

253  
ext. papers

18,440  
ext. citations

6.8  
avg, IF

6.83  
L-index

#	Paper	IF	Citations
237	Aboveground forest biomass varies across continents, ecological zones and successional stages: refined IPCC default values for tropical and subtropical forests. <i>Environmental Research Letters</i> , <b>2022</b> , 17, 014047	6.2	5
236	Quantifying tropical forest structure through terrestrial and UAV laser scanning fusion in Australian rainforests. <i>Remote Sensing of Environment</i> , <b>2022</b> , 271, 112912	13.2	2
235	Time series analysis for global land cover change monitoring: A comparison across sensors. <i>Remote Sensing of Environment</i> , <b>2022</b> , 271, 112905	13.2	6
234	A comprehensive framework for assessing the accuracy and uncertainty of global above-ground biomass maps. <i>Remote Sensing of Environment</i> , <b>2022</b> , 272, 112917	13.2	2
233	A global analysis of multifaceted urbanization patterns using Earth Observation data from 1975 to 2015. <i>Landscape and Urban Planning</i> , <b>2022</b> , 219, 104316	7.7	8
232	Continuous monitoring of forest change dynamics with satellite time series. <i>Remote Sensing of Environment</i> , <b>2022</b> , 269, 112829	13.2	6
231	Intra-annual relationship between precipitation and forest disturbance in the African rainforest. <i>Environmental Research Letters</i> , <b>2022</b> , 17, 044044	6.2	
230	Evaluating recovery metrics derived from optical time series over tropical forest ecosystems. <i>Remote Sensing of Environment</i> , <b>2022</b> , 274, 112991	13.2	2
229	Shifts in regional water availability due to global tree restoration. <i>Nature Geoscience</i> , <b>2022</b> , 15, 363-368	18.3	3
228	Improving the characterization of global aquatic land cover types using multi-source earth observation data. <i>Remote Sensing of Environment</i> , <b>2022</b> , 278, 113103	13.2	1
227	Quantifying Tropical Forest Stand Structure Through Terrestrial and UAV Laser Scanning Fusion <b>2021</b> ,		1
226	Assessing a Prototype Database for Comprehensive Global Aquatic Land Cover Mapping. <i>Remote Sensing</i> , <b>2021</b> , 13, 4012	5	
225	Improving Forest Baseline Maps in Tropical Wetlands Using GEDI-Based Forest Height Information and Sentinel-1. <i>Forests</i> , <b>2021</b> , 12, 1374	2.8	2
224	Variation in aboveground biomass in forests and woodlands in Tanzania along gradients in environmental conditions and human use. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 044014	6.2	4
223	Exploring Archetypes of Tropical Fire-Related Forest Disturbances Based on Dense Optical and Radar Satellite Data and Active Fire Alerts. <i>Forests</i> , <b>2021</b> , 12, 456	2.8	1
222	An assessment of data sources, data quality and changes in national forest monitoring capacities in the Global Forest Resources Assessment 2005-2020. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 054029	6.2	12
221	Global land use changes are four times greater than previously estimated. <i>Nature Communications</i> , <b>2021</b> , 12, 2501	17.4	98

220	Tropical Forest Monitoring: Challenges and Recent Progress in Research. <i>Remote Sensing</i> , <b>2021</b> , 13, 22525		1
219	Global land characterisation using land cover fractions at 100 m resolution. <i>Remote Sensing of Environment</i> , <b>2021</b> , 259, 112409	13.2	10
218	Capacity Development for Use of Remote Sensing for REDD+ MRV Using Online and Offline Activities: Impacts and Lessons Learned. <i>Remote Sensing</i> , <b>2021</b> , 13, 2172	5	
217	Intra-Annual Identification of Local Deforestation Hotspots in the Philippines Using Earth Observation Products. <i>Forests</i> , <b>2021</b> , 12, 1008	2.8	3
216	Global maps of twenty-first century forest carbon fluxes. <i>Nature Climate Change</i> , <b>2021</b> , 11, 234-240	21.4	108
215	Forest disturbance alerts for the Congo Basin using Sentinel-1. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 024005	6.2	32
214	High aboveground carbon stock of African tropical montane forests. <i>Nature</i> , <b>2021</b> , 596, 536-542	50.4	10
213	The global forest above-ground biomass pool for 2010 estimated from high-resolution satellite observations. <i>Earth System Science Data</i> , <b>2021</b> , 13, 3927-3950	10.5	26
212	BFAST Lite: A Lightweight Break Detection Method for Time Series Analysis. <i>Remote Sensing</i> , <b>2021</b> , 13, 3308	5	9
211	Spatial and temporal deep learning methods for deriving land-use following deforestation: A pan-tropical case study using Landsat time series. <i>Remote Sensing of Environment</i> , <b>2021</b> , 264, 112600	13.2	11
210	Sub-annual tropical forest disturbance monitoring using harmonized Landsat and Sentinel-2 data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2021</b> , 102, 102386	7.3	4
209	Towards operational validation of annual global land cover maps. <i>Remote Sensing of Environment</i> , <b>2021</b> , 266, 112686	13.2	10
208	Land Use and Land Cover Area Estimates From Class Membership Probability of a Random Forest Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-11	8.1	5
207	Aiming for Sustainability and Scalability: Community Engagement in Forest Payment Schemes. <i>Forests</i> , <b>2020</b> , 11, 444	2.8	3
206	Copernicus Global Land Cover Layers Collection 2. <i>Remote Sensing</i> , <b>2020</b> , 12, 1044	5	144
205	Assessment of Workflow Feature Selection on Forest LAI Prediction with Sentinel-2A MSI, Landsat 7 ETM+ and Landsat 8 OLI. <i>Remote Sensing</i> , <b>2020</b> , 12, 915	5	24
204	Space-time detection of deforestation, forest degradation and regeneration in montane forests of Eastern Tanzania. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2020</b> , 88, 102063	7.3	16
203	Identifying and Quantifying the Abundance of Economically Important Palms in Tropical Moist Forest Using UAV Imagery. <i>Remote Sensing</i> , <b>2020</b> , 12, 9	5	15

202	deSpeckNet: Generalizing Deep Learning-Based SAR Image Despeckling. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 1-15	8.1	14
201	Examining the link between vegetation leaf area and land-atmosphere exchange of water, energy, and carbon fluxes using FLUXNET data. <i>Biogeosciences</i> , <b>2020</b> , 17, 4443-4457	4.6	7
200	Transitioning from change detection to monitoring with remote sensing: A paradigm shift. <i>Remote Sensing of Environment</i> , <b>2020</b> , 238, 111558	13.2	59
199	Towards a comprehensive and consistent global aquatic land cover characterization framework addressing multiple user needs. <i>Remote Sensing of Environment</i> , <b>2020</b> , 250, 112034	13.2	7
198	Addressing the need for improved land cover map products for policy support. <i>Environmental Science and Policy</i> , <b>2020</b> , 112, 28-35	6.2	20
197	Thirty Years of Land Cover and Fraction Cover Changes over the Sudano-Sahel Using Landsat Time Series. <i>Remote Sensing</i> , <b>2020</b> , 12, 3817	5	6
196	Integrated assessment of deforestation drivers and their alignment with subnational climate change mitigation efforts. <i>Environmental Science and Policy</i> , <b>2020</b> , 114, 352-365	6.2	3
195	Implementation of BFASTmonitor Algorithm on Google Earth Engine to Support Large-Area and Sub-Annual Change Monitoring Using Earth Observation Data. <i>Remote Sensing</i> , <b>2020</b> , 12, 2953	5	13
194	Intensification of dairy production can increase the GHG mitigation potential of the land use sector in East Africa. <i>Global Change Biology</i> , <b>2020</b> , 26, 568-585	11.4	10
193	Spatio-temporal assessment of beech growth in relation to climate extremes in Slovenia [An integrated approach using remote sensing and tree-ring data. <i>Agricultural and Forest Meteorology</i> , <b>2020</b> , 287, 107925	5.8	22
192	What is out there? a typology of land restoration projects in Latin America and the Caribbean. <i>Environmental Research Communications</i> , <b>2019</b> , 1, 041004	3.1	13
191	Non-destructive tree volume estimation through quantitative structure modelling: Comparing UAV laser scanning with terrestrial LIDAR. <i>Remote Sensing of Environment</i> , <b>2019</b> , 233, 111355	13.2	63
190	Linking Terrestrial LiDAR Scanner and Conventional Forest Structure Measurements with Multi-Modal Satellite Data. <i>Forests</i> , <b>2019</b> , 10, 291	2.8	7
189	Tree height in tropical forest as measured by different ground, proximal, and remote sensing instruments, and impacts on above ground biomass estimates. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2019</b> , 82, 101899	7.3	21
188	Upscaling Forest Biomass from Field to Satellite Measurements: Sources of Errors and Ways to Reduce Them. <i>Surveys in Geophysics</i> , <b>2019</b> , 40, 881-911	7.6	31
187	Does the Normalized Difference Vegetation Index explain spatial and temporal variability in sap velocity in temperate forest ecosystems?. <i>Hydrology and Earth System Sciences</i> , <b>2019</b> , 23, 2077-2091	5.5	7
186	An architectural understanding of natural sway frequencies in trees. <i>Journal of the Royal Society Interface</i> , <b>2019</b> , 16, 20190116	4.1	17
185	Global data and tools for local forest cover loss and REDD+ performance assessment: Accuracy, uncertainty, complementarity and impact. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2019</b> , 80, 295-311	7.3	18

184	Estimating architecture-based metabolic scaling exponents of tropical trees using terrestrial LiDAR and 3D modelling. <i>Forest Ecology and Management</i> , <b>2019</b> , 439, 132-145	3.9	18
183	Memory effects of climate and vegetation affecting net ecosystem CO2 fluxes in global forests. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211510	3.7	18
182	Using a Finer Resolution Biomass Map to Assess the Accuracy of a Regional, Map-Based Estimate of Forest Biomass. <i>Surveys in Geophysics</i> , <b>2019</b> , 40, 1001-1015	7.6	8
181	Estimating aboveground net biomass change for tropical and subtropical forests: Refinement of IPCC default rates using forest plot data. <i>Global Change Biology</i> , <b>2019</b> , 25, 3609-3624	11.4	44
180	Land Restoration in Latin America and the Caribbean: An Overview of Recent, Ongoing and Planned Restoration Initiatives and Their Potential for Climate Change Mitigation. <i>Forests</i> , <b>2019</b> , 10, 510	2.8	25
179	The Importance of Consistent Global Forest Aboveground Biomass Product Validation. <i>Surveys in Geophysics</i> , <b>2019</b> , 40, 979-999	7.6	53
178	Tree Biomass Equations from Terrestrial LiDAR: A Case Study in Guyana. <i>Forests</i> , <b>2019</b> , 10, 527	2.8	28
177	Tropical deforestation drivers and associated carbon emission factors derived from remote sensing data. <i>Environmental Research Letters</i> , <b>2019</b> , 14, 094022	6.2	19
176	The Role and Need for Space-Based Forest Biomass-Related Measurements in Environmental Management and Policy. <i>Surveys in Geophysics</i> , <b>2019</b> , 40, 757-778	7.6	39
175	Forest biomass retrieval approaches from earth observation in different biomes. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2019</b> , 77, 53-68	7.3	42
174	Finite element analysis of trees in the wind based on terrestrial laser scanning data. <i>Agricultural and Forest Meteorology</i> , <b>2019</b> , 265, 137-144	5.8	35
173	Comparing terrestrial laser scanning and unmanned aerial vehicle structure from motion to assess top of canopy structure in tropical forests. <i>Interface Focus</i> , <b>2018</b> , 8, 20170038	3.9	38
172	New perspectives on the ecology of tree structure and tree communities through terrestrial laser scanning. <i>Interface Focus</i> , <b>2018</b> , 8, 20170052	3.9	44
171	The contribution of sectoral climate change mitigation options to national targets: a quantitative assessment of dairy production in Kenya. <i>Environmental Research Letters</i> , <b>2018</b> , 13, 034016	6.2	10
170	Climate-smart land use requires local solutions, transdisciplinary research, policy coherence and transparency. <i>Carbon Management</i> , <b>2018</b> , 9, 291-301	3.3	10
169	Estimation of above-ground biomass of large tropical trees with terrestrial LiDAR. <i>Methods in Ecology and Evolution</i> , <b>2018</b> , 9, 223-234	7.7	101
168	Sustainable intensification of dairy production can reduce forest disturbance in Kenyan montane forests. <i>Agriculture, Ecosystems and Environment</i> , <b>2018</b> , 265, 307-319	5.7	13
167	Characterizing Tropical Forest Cover Loss Using Dense Sentinel-1 Data and Active Fire Alerts. <i>Remote Sensing</i> , <b>2018</b> , 10, 777	5	29

166	Assessing the structural differences between tropical forest types using Terrestrial Laser Scanning. <i>Forest Ecology and Management</i> , <b>2018</b> , 429, 327-335	3.9	14
165	Improving near-real time deforestation monitoring in tropical dry forests by combining dense Sentinel-1 time series with Landsat and ALOS-2 PALSAR-2. <i>Remote Sensing of Environment</i> , <b>2018</b> , 204, 147-161	13.2	111
164	Models meet data: Challenges and opportunities in implementing land management in Earth system models. <i>Global Change Biology</i> , <b>2018</b> , 24, 1470-1487	11.4	63
163	Agriculture-driven deforestation in the tropics from 1990-2015: emissions, trends and uncertainties. <i>Environmental Research Letters</i> , <b>2018</b> , 13, 014002	6.2	31
162	Mapping the Leaf Economic Spectrum across West African Tropical Forests Using UAV-Acquired Hyperspectral Imagery. <i>Remote Sensing</i> , <b>2018</b> , 10, 1532	5	16
161	Forest Cover and Vegetation Degradation Detection in the Kavango Zambezi Transfrontier Conservation Area Using BFAST Monitor. <i>Remote Sensing</i> , <b>2018</b> , 10, 1850	5	19
160	Roles and drivers of agribusiness shaping Climate-Smart Landscapes: A review. <i>Sustainable Development</i> , <b>2018</b> , 26, 533-543	6.7	9
159	Impacts of the forest definitions adopted by African countries on carbon conservation. <i>Environmental Research Letters</i> , <b>2018</b> , 13, 104014	6.2	5
158	Quantifying the effect of forest age in annual net forest carbon balance. <i>Environmental Research Letters</i> , <b>2018</b> , 13, 124018	6.2	41
157	Developing and applying a multi-purpose land cover validation dataset for Africa. <i>Remote Sensing of Environment</i> , <b>2018</b> , 219, 298-309	13.2	28
156	Monitoring Forest Phenology and Leaf Area Index with the Autonomous, Low-Cost Transmittance Sensor PASTiS-57. <i>Remote Sensing</i> , <b>2018</b> , 10, 1032	5	9
155	Quantifying branch architecture of tropical trees using terrestrial LiDAR and 3D modelling. <i>Trees - Structure and Function</i> , <b>2018</b> , 32, 1219-1231	2.6	51
154	Independent data for transparent monitoring of greenhouse gas emissions from the land use sector [What do stakeholders think and need?]. <i>Environmental Science and Policy</i> , <b>2018</b> , 85, 101-112	6.2	13
153	Human migration, climate variability, and land degradation: hotspots of socio-ecological pressure in Ethiopia. <i>Regional Environmental Change</i> , <b>2017</b> , 17, 1479-1492	4.3	23
152	Large scale land acquisitions and REDD+: a synthesis of conflicts and opportunities. <i>Environmental Research Letters</i> , <b>2017</b> , 12, 035010	6.2	16
151	Connecting Earth observation to high-throughput biodiversity data. <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 176	12.3	117
150	Data acquisition considerations for Terrestrial Laser Scanning of forest plots. <i>Remote Sensing of Environment</i> , <b>2017</b> , 196, 140-153	13.2	152
149	An expert system model for mapping tropical wetlands and peatlands reveals South America as the largest contributor. <i>Global Change Biology</i> , <b>2017</b> , 23, 3581-3599	11.4	140

148	The integration of empirical, remote sensing and modelling approaches enhances insight in the role of biodiversity in climate change mitigation by tropical forests. <i>Current Opinion in Environmental Sustainability</i> , <b>2017</b> , 26-27, 69-76	7.2	9
147	The feasibility of local participation in Measuring, Reporting and Verification (PMRV) for REDD. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176897	3.7	12
146	Reviews and syntheses: An empirical spatiotemporal description of the global surface atmosphere carbon fluxes: opportunities and data limitations. <i>Biogeosciences</i> , <b>2017</b> , 14, 3685-3703	4.6	37
145	Comparing methods for assessing the effectiveness of subnational REDD+ initiatives. <i>Environmental Research Letters</i> , <b>2017</b> , 12, 074007	6.2	35
144	Forest Change and REDD+ Strategies. <i>Water Resources Development and Management</i> , <b>2017</b> , 33-68	0.1	
143	A spatiotemporal geostatistical hurdle model approach for short-term deforestation prediction. <i>Spatial Statistics</i> , <b>2017</b> , 21, 304-318	2.2	7
142	Integrating global land cover datasets for deriving user-specific maps. <i>International Journal of Digital Earth</i> , <b>2017</b> , 10, 219-237	3.9	16
141	Envisioning REDD+ in a post-Paris era: between evolving expectations and current practice. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , <b>2017</b> , 8, e425	8.4	68
140	Land management: data availability and process understanding for global change studies. <i>Global Change Biology</i> , <b>2017</b> , 23, 512-533	11.4	99
139	Plant Structure-Function Relationships and Woody Tissue Respiration: Upscaling to Forests from Laser-Derived Measurements. <i>Advances in Photosynthesis and Respiration</i> , <b>2017</b> , 89-105	1.7	8
138	Using Space-Time Features to Improve Detection of Forest Disturbances from Landsat Time Series. <i>Remote Sensing</i> , <b>2017</b> , 9, 515	5	18
137	Biodiversity Monitoring in Changing Tropical Forests: A Review of Approaches and New Opportunities. <i>Remote Sensing</i> , <b>2017</b> , 9, 1059	5	19
136	Historical development of institutional arrangements for forest monitoring and REDD + MRV in Peru: Discursive-institutionalist perspectives. <i>Forest Policy and Economics</i> , <b>2016</b> , 71, 52-59	3.6	8
135	Performance of vegetation indices from Landsat time series in deforestation monitoring. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2016</b> , 52, 318-327	7.3	98
134	Assessing the influence of historic net and gross land changes on the carbon fluxes of Europe. <i>Global Change Biology</i> , <b>2016</b> , 22, 2526-39	11.4	33
133	Reducing emissions from agriculture to meet the 2°C target. <i>Global Change Biology</i> , <b>2016</b> , 22, 3859-3864	11.4	203
132	50 years of water extraction in the Pampa del Tamarugal basin: Can <i>Prosopis tamarugo</i> trees survive in the hyper-arid Atacama Desert (Northern Chile)?. <i>Journal of Arid Environments</i> , <b>2016</b> , 124, 292-303	2.5	29
131	Comparative assessment of thematic accuracy of GLC maps for specific applications using existing reference data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2016</b> , 44, 124-135	7.3	39

130	REDD+ and climate smart agriculture in landscapes: A case study in Vietnam using companion modelling. <i>Journal of Environmental Management</i> , <b>2016</b> , 172, 58-70	7.9	23
129	Error Sources in Deforestation Detection Using BFAST Monitor on Landsat Time Series Across Three Tropical Sites. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2016</b> , 9, 3667-3679	4.7	12
128	Multi-Scale Vegetation and Water Body Mapping of the Northern Latitudes in Siberia with Optical Remote Sensing. <i>Springer Water</i> , <b>2016</b> , 451-470	0.3	
127	Using spatial context to improve early detection of deforestation from Landsat time series. <i>Remote Sensing of Environment</i> , <b>2016</b> , 172, 126-138	13.2	78
126	Tree species classification based on explicit tree structure feature parameters derived from static terrestrial laser scanning data. <i>Agricultural and Forest Meteorology</i> , <b>2016</b> , 216, 105-114	5.8	42
125	Characterizing Forest Change Using Community-Based Monitoring Data and Landsat Time Series. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147121	3.7	54
124	Design and Implementation of an Interactive Web-Based Near Real-Time Forest Monitoring System. <i>PLoS ONE</i> , <b>2016</b> , 11, e0150935	3.7	18
123	Hotspots of gross emissions from the land use sector: patterns, uncertainties, and leading emission sources for the period 2000-2005 in the tropics. <i>Biogeosciences</i> , <b>2016</b> , 13, 4253-4269	4.6	23
122	Evaluating the Potential of PROBA-V Satellite Image Time Series for Improving LC Classification in Semi-Arid African Landscapes. <i>Remote Sensing</i> , <b>2016</b> , 8, 987	5	10
121	Multi-gas and multi-source comparisons of six land use emission datasets and AFOLU estimates in the Fifth Assessment Report, for the tropics for 2000-2005. <i>Biogeosciences</i> , <b>2016</b> , 13, 5799-5819	4.6	6
120	Monitoring Deforestation at Sub-Annual Scales as Extreme Events in Landsat Data Cubes. <i>Remote Sensing</i> , <b>2016</b> , 8, 651	5	14
119	An integrated pan-tropical biomass map using multiple reference datasets. <i>Global Change Biology</i> , <b>2016</b> , 22, 1406-20	11.4	358
118	Carbon emissions from land cover change in Central Vietnam. <i>Carbon Management</i> , <b>2016</b> , 7, 333-346	3.3	12
117	Why do forest products become less available? A pan-tropical comparison of drivers of forest-resource degradation. <i>Environmental Research Letters</i> , <b>2016</b> , 11, 125010	6.2	13
116	Institutional effectiveness of REDD+ MRV: Countries progress in implementing technical guidelines and good governance requirements. <i>Environmental Science and Policy</i> , <b>2016</b> , 61, 42-52	6.2	30
115	Remotely sensed resilience of tropical forests. <i>Nature Climate Change</i> , <b>2016</b> , 6, 1028-1031	21.4	86
114	Assessing the accuracy of hyperspectral and multispectral satellite imagery for categorical and Quantitative mapping of salinity stress in sugarcane fields. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2016</b> , 52, 412-421	7.3	9
113	Towards integrated monitoring of REDD+. <i>Current Opinion in Environmental Sustainability</i> , <b>2015</b> , 14, 93-100	10	9



112	Monitoring forest cover loss using multiple data streams, a case study of a tropical dry forest in Bolivia. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2015</b> , 107, 112-125	11.8	73
111	Robust monitoring of small-scale forest disturbances in a tropical montane forest using Landsat time series. <i>Remote Sensing of Environment</i> , <b>2015</b> , 161, 107-121	13.2	165
110	Tracking disturbance-regrowth dynamics in tropical forests using structural change detection and Landsat time series. <i>Remote Sensing of Environment</i> , <b>2015</b> , 169, 320-334	13.2	103
109	A review of forest and tree plantation biomass equations in Indonesia. <i>Annals of Forest Science</i> , <b>2015</b> , 72, 981-997	3.1	16
108	Influence of solar zenith angle on the enhanced vegetation index of a Guyanese rainforest. <i>Remote Sensing Letters</i> , <b>2015</b> , 6, 972-981	2.3	11
107	Assessing change in national forest monitoring capacities of 99 tropical countries. <i>Forest Ecology and Management</i> , <b>2015</b> , 352, 109-123	3.9	120
106	Nondestructive estimates of above-ground biomass using terrestrial laser scanning. <i>Methods in Ecology and Evolution</i> , <b>2015</b> , 6, 198-208	7.7	330
105	Assessing global land cover reference datasets for different user communities. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2015</b> , 103, 93-114	11.8	67
104	Fusing Landsat and SAR time series to detect deforestation in the tropics. <i>Remote Sensing of Environment</i> , <b>2015</b> , 156, 276-293	13.2	122
103	Gross changes in reconstructions of historic land cover/use for Europe between 1900 and 2010. <i>Global Change Biology</i> , <b>2015</b> , 21, 299-313	11.4	171
102	Land use patterns and related carbon losses following deforestation in South America. <i>Environmental Research Letters</i> , <b>2015</b> , 10, 124004	6.2	86
101	4. Monitoring REDD+ Impacts: Cross Scale Coordination And Interdisciplinary Integration <b>2015</b> , 55-79		2
100	Spatial Accuracy Assessment and Integration of Global Land Cover Datasets. <i>Remote Sensing</i> , <b>2015</b> , 7, 15804-15821	5	49
99	Mitigation of agricultural emissions in the tropics: comparing forest land-sparing options at the national level. <i>Biogeosciences</i> , <b>2015</b> , 12, 4809-4825	4.6	17
98	Plant functional type classification for earth system models: results from the European Space Agency's Land Cover Climate Change Initiative. <i>Geoscientific Model Development</i> , <b>2015</b> , 8, 2315-2328	6.3	143
97	A Bayesian Approach to Combine Landsat and ALOS PALSAR Time Series for Near Real-Time Deforestation Detection. <i>Remote Sensing</i> , <b>2015</b> , 7, 4973-4996	5	49
96	The potential of old maps and encyclopaedias for reconstructing historic European land cover/use change. <i>Applied Geography</i> , <b>2015</b> , 59, 43-55	4.4	84
95	Free and open-access satellite data are key to biodiversity conservation. <i>Biological Conservation</i> , <b>2015</b> , 182, 173-176	6.2	208

94	Monitoring spring phenology with high temporal resolution terrestrial LiDAR measurements. <i>Agricultural and Forest Meteorology</i> , <b>2015</b> , 203, 158-168	5.8	61
93	Utilizing the Global Land Cover 2000 reference dataset for a comparative accuracy assessment of 1 km global land cover maps. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , <b>2015</b> , XL-7/W3, 503-510	2.5	4
92	Good practices for estimating area and assessing accuracy of land change. <i>Remote Sensing of Environment</i> , <b>2014</b> , 148, 42-57	13.2	1225
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- 4 Revisiting land cover observations to address the needs of the climate modelling community 13
- 3 The global forest above-ground biomass pool for 2010 estimated from high-resolution satellite observations 8
- 2 Plant functional type classification for Earth System Models: results from the European Space Agency's Land Cover Climate Change Initiative 9
- 1 A global land-cover validation data set, part I: fundamental design principles 1