

# Rasmus Fensholt

## 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.

180  
papers

10,617  
citations

52  
h-index

99  
g-index

213  
ext. papers

13,335  
ext. citations

7.5  
avg, IF

6.57  
L-index

#	Paper	IF	Citations
180	Mapping the Abundance of Multipurpose Agroforestry <i>Faidherbia albida</i> Trees in Senegal. <i>Remote Sensing</i> , <b>2022</b> , 14, 662	5	1
179	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
178	A global increase in tree cover extends the growing season length as observed from satellite records. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 151205	10.2	0
177	Estimating herbaceous aboveground biomass in Sahelian rangelands using Structure from Motion data collected on the ground and by UAV.. <i>Ecology and Evolution</i> , <b>2022</b> , 12, e8867	2.8	
176	Groundwater arsenic content related to the sedimentology and stratigraphy of the Red River delta, Vietnam.. <i>Science of the Total Environment</i> , <b>2021</b> , 814, 152641	10.2	1
175	Global quantification of the bidirectional dependency between soil moisture and vegetation productivity. <i>Agricultural and Forest Meteorology</i> , <b>2021</b> , 108735	5.8	1
174	Socio-economic and climatic changes lead to contrasting global urban vegetation trends. <i>Global Environmental Change</i> , <b>2021</b> , 71, 102385	10.1	3
173	Remote sensing of wildlife connectivity networks and priority locations for conservation in the Southern Agricultural Growth Corridor (SAGCOT) in Tanzania. <i>Remote Sensing in Ecology and Conservation</i> , <b>2021</b> , 7, 430-444	5.3	3
172	Earth Observation-Based Detectability of the Effects of Land Management Programmes to Counter Land Degradation: A Case Study from the Highlands of the Ethiopian Plateau. <i>Remote Sensing</i> , <b>2021</b> , 13, 1297	5	4
171	Classification of Nemoral Forests with Fusion of Multi-Temporal Sentinel-1 and 2 Data. <i>Remote Sensing</i> , <b>2021</b> , 13, 950	5	10
170	Mapping the Dynamics of Winter Wheat in the North China Plain from Dense Landsat Time Series (1999 to 2019). <i>Remote Sensing</i> , <b>2021</b> , 13, 1170	5	2
169	An Optical and SAR Based Fusion Approach for Mapping Surface Water Dynamics over Mainland China. <i>Remote Sensing</i> , <b>2021</b> , 13, 1663	5	9
168	A physiology-based Earth observation model indicates stagnation in the global gross primary production during recent decades. <i>Global Change Biology</i> , <b>2021</b> , 27, 836-854	11.4	3
167	Responses and feedbacks of African dryland ecosystems to environmental changes. <i>Current Opinion in Environmental Sustainability</i> , <b>2021</b> , 48, 29-35	7.2	4
166	Global-scale assessment and inter-comparison of recently developed/reprocessed microwave satellite vegetation optical depth products. <i>Remote Sensing of Environment</i> , <b>2021</b> , 253, 112208	13.2	16
165	The confounding effect of snow cover on assessing spring phenology from space: A new look at trends on the Tibetan Plateau. <i>Science of the Total Environment</i> , <b>2021</b> , 756, 144011	10.2	13
164	The human-Environment nexus and vegetation-rainfall sensitivity in tropical drylands. <i>Nature Sustainability</i> , <b>2021</b> , 4, 25-32	22.1	21

163	Contrasting responses of woody and herbaceous vegetation to altered rainfall characteristics in the Sahel. <i>Biogeosciences</i> , <b>2021</b> , 18, 77-93	4.6	1
162	Towards High-Resolution Land-Cover Classification of Greenland: A Case Study Covering Kobbefjord, Disko and Zackenberg. <i>Remote Sensing</i> , <b>2021</b> , 13, 3559	5	
161	The impact of conflict-driven cropland abandonment on food insecurity in South Sudan revealed using satellite remote sensing. <i>Nature Food</i> , <b>2021</b> , 2, 990-996	14.4	6
160	Tracking Sustainable Restoration in Agro-Pastoral Ecotone of Northwest China. <i>Remote Sensing</i> , <b>2021</b> , 13, 5031	5	0
159	Understanding N <sub>2</sub> O Emissions in African Ecosystems: Assessments from a Semi-Arid Savanna Grassland in Senegal and Sub-Tropical Agricultural Fields in Kenya. <i>Sustainability</i> , <b>2020</b> , 12, 8875	3.6	0
158	Large scale reforestation of farmlands on sloping hills in South China karst. <i>Landscape Ecology</i> , <b>2020</b> , 35, 1445-1458	4.3	17
157	Do afforestation projects increase core forests? Evidence from the Chinese Loess Plateau. <i>Ecological Indicators</i> , <b>2020</b> , 117, 106558	5.8	17
156	Asymmetric patterns and temporal changes in phenology-based seasonal gross carbon uptake of global terrestrial ecosystems. <i>Global Ecology and Biogeography</i> , <b>2020</b> , 29, 1020-1033	6.1	6
155	Recent divergence in the contributions of tropical and boreal forests to the terrestrial carbon sink. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 202-209	12.3	39
154	Tropical forests did not recover from the strong 2015-2016 El Niño event. <i>Science Advances</i> , <b>2020</b> , 6, eaay4603	14.3	62
153	Global-scale characterization of turning points in arid and semi-arid ecosystem functioning. <i>Global Ecology and Biogeography</i> , <b>2020</b> , 29, 1230-1245	6.1	15
152	Nonlinear dynamics of fires in Africa over recent decades controlled by precipitation. <i>Global Change Biology</i> , <b>2020</b> , 26, 4495-4505	11.4	10
151	Forest management in southern China generates short term extensive carbon sequestration. <i>Nature Communications</i> , <b>2020</b> , 11, 129	17.4	102
150	The forgotten land use class: Mapping of fallow fields across the Sahel using Sentinel-2. <i>Remote Sensing of Environment</i> , <b>2020</b> , 239, 111598	13.2	30
149	An unexpectedly large count of trees in the West African Sahara and Sahel. <i>Nature</i> , <b>2020</b> , 587, 78-82	50.4	77
148	The FLUXNET2015 dataset and the ONEFlux processing pipeline for eddy covariance data. <i>Scientific Data</i> , <b>2020</b> , 7, 225	8.2	256
147	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
146	50 years of woody vegetation changes in the Ferlo (Senegal) assessed by high-resolution imagery and field surveys. <i>Regional Environmental Change</i> , <b>2020</b> , 20, 1	4.3	2

145	Uncovering Dryland Woody Dynamics Using Optical, Microwave, and Field Data Above-Average Rainfall Paradoxically Contributes to Woody Plant Die-Off in the Western Sahel. <i>Remote Sensing</i> , <b>2020</b> , 12, 2332	5	5
144	Accelerating land cover change in West Africa over four decades as population pressure increased. <i>Communications Earth &amp; Environment</i> , <b>2020</b> , 1,	6.1	21
143	Modelling land-atmosphere daily exchanges of NO, NH <sub>3</sub> , and CO <sub>2</sub> in a semi-arid grazed ecosystem in Senegal. <i>Biogeosciences</i> , <b>2019</b> , 16, 2049-2077	4.6	5
142	Remote sensing and geospatial technologies in support of a normative land system science: status and prospects. <i>Current Opinion in Environmental Sustainability</i> , <b>2019</b> , 38, 44-52	7.2	30
141	Ecological engineering projects increased vegetation cover, production, and biomass in semiarid and subhumid Northern China. <i>Land Degradation and Development</i> , <b>2019</b> , 30, 1620-1631	4.4	32
140	Recent Deforestation Pattern Changes (2000-2017) in the Central Carpathians: A Gray-Level Co-Occurrence Matrix and Fractal Analysis Approach. <i>Forests</i> , <b>2019</b> , 10, 308	2.8	6
139	Changes in rainfall distribution promote woody foliage production in the Sahel. <i>Communications Biology</i> , <b>2019</b> , 2, 133	6.7	34
138	Detecting and monitoring long-term landslides in urbanized areas with nighttime light data and multi-seasonal Landsat imagery across Taiwan from 1998 to 2017. <i>Remote Sensing of Environment</i> , <b>2019</b> , 225, 317-327	13.2	33
137	Approaching the potential of model-data comparisons of global land carbon storage. <i>Scientific Reports</i> , <b>2019</b> , 9, 3367	4.9	6
136	Towards improved remote sensing based monitoring of dryland ecosystem functioning using sequential linear regression slopes (SeRGS). <i>Remote Sensing of Environment</i> , <b>2019</b> , 224, 317-332	13.2	13
135	Mapping European ecosystem change types in response to land-use change, extreme climate events, and land degradation. <i>Land Degradation and Development</i> , <b>2019</b> , 30, 951-963	4.4	17
134	China and India lead in greening of the world through land-use management. <i>Nature Sustainability</i> , <b>2019</b> , 2, 122-129	22.1	796
133	Satellite-observed pantropical carbon dynamics. <i>Nature Plants</i> , <b>2019</b> , 5, 944-951	11.5	82
132	Geographic Object Based Image Analysis of WorldView-3 Imagery for Urban Hydrologic Modelling at the Catchment Scale. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 1133	3	9
131	Trends of land surface phenology derived from passive microwave and optical remote sensing systems and associated drivers across the dry tropics 1992-2012. <i>Remote Sensing of Environment</i> , <b>2019</b> , 232, 111307	13.2	31
130	From woody cover to woody canopies: How Sentinel-1 and Sentinel-2 data advance the mapping of woody plants in savannas. <i>Remote Sensing of Environment</i> , <b>2019</b> , 234, 111465	13.2	35
129	Ecosystem structural changes controlled by altered rainfall climatology in tropical savannas. <i>Nature Communications</i> , <b>2019</b> , 10, 671	17.4	20
128	Application of Fractal and Gray-Level Co-Occurrence Matrix Indices to Assess the Forest Dynamics in the Curvature CarpathiansRomania. <i>Sustainability</i> , <b>2019</b> , 11, 6927	3.6	7

127	Unravelling the link between global rubber price and tropical deforestation in Cambodia. <i>Nature Plants</i> , <b>2019</b> , 5, 47-53	11.5	29
126	"Reduction of tree cover in West African woodlands and promotion in semi-arid farmlands". <i>Nature Geoscience</i> , <b>2018</b> , 11, 328-333	18.3	58
125	Satellite passive microwaves reveal recent climate-induced carbon losses in African drylands. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 827-835	12.3	97
124	Disaggregation of SMOS soil moisture over West Africa using the Temperature and Vegetation Dryness Index based on SEVIRI land surface parameters. <i>Remote Sensing of Environment</i> , <b>2018</b> , 206, 424-441	13.2	29
123	Increased vegetation growth and carbon stock in China karst via ecological engineering. <i>Nature Sustainability</i> , <b>2018</b> , 1, 44-50	22.1	230
122	Ecological restoration enhances ecosystem health in the karst regions of southwest China. <i>Ecological Indicators</i> , <b>2018</b> , 90, 416-425	5.8	57
121	Snow cover and snow albedo changes in the central Andes of Chile and Argentina from daily MODIS observations (2000-2016). <i>Remote Sensing of Environment</i> , <b>2018</b> , 209, 240-252	13.2	39
120	Coupling of ecosystem-scale plant water storage and leaf phenology observed by satellite. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 1428-1435	12.3	72
119	Satellite-Observed Major Greening and Biomass Increase in South China Karst During Recent Decade. <i>Earth's Future</i> , <b>2018</b> , 6, 1017-1028	7.9	68
118	Uncertainty in establishing forest reference levels and predicting future forest-based carbon stocks for REDD+. <i>Journal of Land Use Science</i> , <b>2018</b> , 13, 1-15	2.7	15
117	Leaf phenology of thirteen African origins of baobab ( <i>Adansonia digitata</i> ) as influenced by daylength and water availability. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 11261-11272	2.8	6
116	Major forest increase on the Loess Plateau, China (2001-2016). <i>Land Degradation and Development</i> , <b>2018</b> , 29, 4080-4091	4.4	17
115	Effect of climate dataset selection on simulations of terrestrial GPP: Highest uncertainty for tropical regions. <i>PLoS ONE</i> , <b>2018</b> , 13, e0199383	3.7	8
114	Does grazing cause land degradation? Evidence from the sandy Ferlo in Northern Senegal. <i>Land Degradation and Development</i> , <b>2018</b> , 29, 4337-4347	4.4	11
113	Integration of Vessel-Based Hyperspectral Scanning and 3D-Photogrammetry for Mobile Mapping of Steep Coastal Cliffs in the Arctic. <i>Remote Sensing</i> , <b>2018</b> , 10, 175	5	8
112	Acceleration of global vegetation greenup from combined effects of climate change and human land management. <i>Global Change Biology</i> , <b>2018</b> , 24, 5484-5499	11.4	39
111	Impacts of the seasonal distribution of rainfall on vegetation productivity across the Sahel. <i>Biogeosciences</i> , <b>2018</b> , 15, 319-330	4.6	32
110	Mangrove forest decline: consequences for livelihoods and environment in South Sulawesi. <i>Regional Environmental Change</i> , <b>2017</b> , 17, 157-169	4.3	25

109	Soil and vegetation-atmosphere exchange of NO, NH <sub>3</sub> , and N <sub>2</sub> O from field measurements in a semi arid grazed ecosystem in Senegal. <i>Atmospheric Environment</i> , <b>2017</b> , 156, 36-51	5.3	11
108	Human population growth offsets climate-driven increase in woody vegetation in sub-Saharan Africa. <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 81	12.3	103
107	Revisiting the coupling between NDVI trends and cropland changes in the Sahel drylands: A case study in western Niger. <i>Remote Sensing of Environment</i> , <b>2017</b> , 191, 286-296	13.2	45
106	Understanding 'saturation' of radar signals over forests. <i>Scientific Reports</i> , <b>2017</b> , 7, 3505	4.9	34
105	Using long-term daily satellite based rainfall data (1983-2015) to analyze spatio-temporal changes in the sahelian rainfall regime. <i>Journal of Hydrology</i> , <b>2017</b> , 550, 427-440	6	25
104	Modelling spatial and temporal dynamics of gross primary production in the Sahel from earth-observation-based photosynthetic capacity and quantum efficiency. <i>Biogeosciences</i> , <b>2017</b> , 14, 1333-1348 <sup>13</sup>	4.6	13
103	Comparison of the spatial patterns of schistosomiasis in Zimbabwe at two points in time, spaced twenty-nine years apart: is climate variability of importance?. <i>Geospatial Health</i> , <b>2017</b> , 12, 505	2.2	5
102	Temporal Changes in Coupled Vegetation Phenology and Productivity are Biome-Specific in the Northern Hemisphere. <i>Remote Sensing</i> , <b>2017</b> , 9, 1277	5	14
101	Modeling and assessment of wavelength displacements of characteristic absorption features of common rock forming minerals encrusted by lichens. <i>Remote Sensing of Environment</i> , <b>2017</b> , 199, 78-92	13.2	11
100	Climate data induced uncertainty in model-based estimations of terrestrial primary productivity. <i>Environmental Research Letters</i> , <b>2017</b> , 12, 064013	6.2	37
99	Mapping gains and losses in woody vegetation across global tropical drylands. <i>Global Change Biology</i> , <b>2017</b> , 23, 1748-1760	11.4	62
98	Quantifying the effectiveness of ecological restoration projects on long-term vegetation dynamics in the karst regions of Southwest China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2017</b> , 54, 105-113	7.3	122
97	Woody Vegetation Die off and Regeneration in Response to Rainfall Variability in the West African Sahel. <i>Remote Sensing</i> , <b>2017</b> , 9, 39	5	39
96	Monitoring Agricultural Expansion in Burkina Faso over 14 Years with 30 m Resolution Time Series: The Role of Population Growth and Implications for the Environment. <i>Remote Sensing</i> , <b>2017</b> , 9, 132	5	34
95	Evaluation of the Plant Phenology Index (PPI), NDVI and EVI for Start-of-Season Trend Analysis of the Northern Hemisphere Boreal Zone. <i>Remote Sensing</i> , <b>2017</b> , 9, 485	5	61
94	Using Fractal Analysis in Modeling the Dynamics of Forest Areas and Economic Impact Assessment: Maramureş County, Romania, as a Case Study. <i>Forests</i> , <b>2017</b> , 8, 25	2.8	19
93	Assessment of Textural Differentiations in Forest Resources in Romania Using Fractal Analysis. <i>Forests</i> , <b>2017</b> , 8, 54	2.8	17
92	Environmental change in the Sahel: reconciling contrasting evidence and interpretations. <i>Regional Environmental Change</i> , <b>2016</b> , 16, 673-680	4.3	21

91	Assessing woody vegetation trends in Sahelian drylands using MODIS based seasonal metrics. <i>Remote Sensing of Environment</i> , <b>2016</b> , 183, 215-225	13.2	65
90	Decline of woody vegetation in a saline landscape in the Groundnut Basin, Senegal. <i>Regional Environmental Change</i> , <b>2016</b> , 16, 1765-1777	4.3	6
89	Revealing turning points in ecosystem functioning over the Northern Eurasian agricultural frontier. <i>Global Change Biology</i> , <b>2016</b> , 22, 2801-17	11.4	47
88	Woody plant cover estimation in drylands from Earth Observation based seasonal metrics. <i>Remote Sensing of Environment</i> , <b>2016</b> , 172, 28-38	13.2	73
87	Dryland Vegetation Functional Response to Altered Rainfall Amounts and Variability Derived from Satellite Time Series Data. <i>Remote Sensing</i> , <b>2016</b> , 8, 1026	5	7
86	A Review of the Application of Optical and Radar Remote Sensing Data Fusion to Land Use Mapping and Monitoring. <i>Remote Sensing</i> , <b>2016</b> , 8, 70	5	332
85	Assessing Future Vegetation Trends and Restoration Prospects in the Karst Regions of Southwest China. <i>Remote Sensing</i> , <b>2016</b> , 8, 357	5	65
84	An ESTARFM Fusion Framework for the Generation of Large-Scale Time Series in Cloud-Prone and Heterogeneous Landscapes. <i>Remote Sensing</i> , <b>2016</b> , 8, 425	5	35
83	Mapping Clearances in Tropical Dry Forests Using Breakpoints, Trend, and Seasonal Components from MODIS Time Series: Does Forest Type Matter?. <i>Remote Sensing</i> , <b>2016</b> , 8, 657	5	25
82	Assessing European ecosystem stability to drought in the vegetation growing season. <i>Global Ecology and Biogeography</i> , <b>2016</b> , 25, 1131-1143	6.1	43
81	Very high CO <sub>2</sub> exchange fluxes at the peak of the rainy season in a West African grazed semi-arid savanna ecosystem. <i>Geografisk Tidsskrift</i> , <b>2016</b> , 116, 93-109	1.5	13
80	Glacier area changes in the central Chilean and Argentinean Andes 1955-2013/14. <i>Journal of Glaciology</i> , <b>2016</b> , 62, 391-401	3.4	38
79	Remote sensing of vegetation dynamics in drylands: Evaluating vegetation optical depth (VOD) using AVHRR NDVI and in situ green biomass data over West African Sahel. <i>Remote Sensing of Environment</i> , <b>2016</b> , 177, 265-276	13.2	127
78	Spatiotemporal variability in carbon exchange fluxes across the Sahel. <i>Agricultural and Forest Meteorology</i> , <b>2016</b> , 226-227, 108-118	5.8	22
77	A Framework for Consistent Estimation of Leaf Area Index, Fraction of Absorbed Photosynthetically Active Radiation, and Surface Albedo from MODIS Time-Series Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2015</b> , 53, 3178-3197	8.1	28
76	Evaluating temporal consistency of long-term global NDVI datasets for trend analysis. <i>Remote Sensing of Environment</i> , <b>2015</b> , 163, 326-340	13.2	171
75	Dynamics in carbon exchange fluxes for a grazed semi-arid savanna ecosystem in West Africa. <i>Agriculture, Ecosystems and Environment</i> , <b>2015</b> , 205, 15-24	5.7	40
74	Evaluating EO-based canopy water stress from seasonally detrended NDVI and SIWSI with modeled evapotranspiration in the Senegal River Basin. <i>Remote Sensing of Environment</i> , <b>2015</b> , 159, 57-69	13.2	13

73	Vietnam's forest transition in retrospect: demonstrating weaknesses in business-as-usual scenarios for REDD. <i>Environmental Management</i> , <b>2015</b> , 55, 1080-92	3.1	15
72	Cross-border forest disturbance and the role of natural rubber in mainland Southeast Asia using annual Landsat time series. <i>Remote Sensing of Environment</i> , <b>2015</b> , 169, 438-453	13.2	66
71	Assessment of Vegetation Trends in Drylands from Time Series of Earth Observation Data. <i>Remote Sensing and Digital Image Processing</i> , <b>2015</b> , 159-182	0.2	6
70	Mangrove exploitation effects on biodiversity and ecosystem services. <i>Biodiversity and Conservation</i> , <b>2015</b> , 24, 3543-3557	3.4	22
69	Assessing Drivers of Vegetation Changes in Drylands from Time Series of Earth Observation Data. <i>Remote Sensing and Digital Image Processing</i> , <b>2015</b> , 183-202	0.2	6
68	Ground- and satellite-based evidence of the biophysical mechanisms behind the greening Sahel. <i>Global Change Biology</i> , <b>2015</b> , 21, 1610-20	11.4	97
67	Global-scale mapping of changes in ecosystem functioning from earth observation-based trends in total and recurrent vegetation. <i>Global Ecology and Biogeography</i> , <b>2015</b> , 24, 1003-1017	6.1	22
66	Inter-comparison of energy balance and hydrological models for land surface energy flux estimation over a whole river catchment. <i>Hydrology and Earth System Sciences</i> , <b>2015</b> , 19, 2017-2036	5.5	16
65	Does EO NDVI seasonal metrics capture variations in species composition and biomass due to grazing in semi-arid grassland savannas?. <i>Biogeosciences</i> , <b>2015</b> , 12, 4407-4419	4.6	17
64	Economic Valuation of Mangroves for Comparison with Commercial Aquaculture in South Sulawesi, Indonesia. <i>Forests</i> , <b>2015</b> , 6, 3028-3044	2.8	34
63	Climate Contributions to Vegetation Variations in Central Asian Drylands: Pre- and Post-USSR Collapse. <i>Remote Sensing</i> , <b>2015</b> , 7, 2449-2470	5	73
62	L-Band SAR Backscatter Related to Forest Cover, Height and Aboveground Biomass at Multiple Spatial Scales across Denmark. <i>Remote Sensing</i> , <b>2015</b> , 7, 4442-4472	5	33
61	Using Landsat Vegetation Indices to Estimate Impervious Surface Fractions for European Cities. <i>Remote Sensing</i> , <b>2015</b> , 7, 8224-8249	5	37
60	Fodder Biomass Monitoring in Sahelian Rangelands Using Phenological Metrics from FAPAR Time Series. <i>Remote Sensing</i> , <b>2015</b> , 7, 9122-9148	5	38
59	Trends in Global Vegetation Activity and Climatic Drivers Indicate a Decoupled Response to Climate Change. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138013	3.7	14
58	Deriving seasonal dynamics in ecosystem properties of semi-arid savanna grasslands from in situ-based hyperspectral reflectance. <i>Biogeosciences</i> , <b>2015</b> , 12, 4621-4635	4.6	9
57	Operationalizing measurement of forest degradation: Identification and quantification of charcoal production in tropical dry forests using very high resolution satellite imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2015</b> , 39, 18-27	7.3	10
56	Mapping dynamics of deforestation and forest degradation in tropical forests using radar satellite data. <i>Environmental Research Letters</i> , <b>2015</b> , 10, 034014	6.2	48



55	Ecosystem properties of semiarid savanna grassland in West Africa and its relationship with environmental variability. <i>Global Change Biology</i> , <b>2015</b> , 21, 250-64	11.4	76
54	Using earth observation-based dry season NDVI trends for assessment of changes in tree cover in the Sahel. <i>International Journal of Remote Sensing</i> , <b>2014</b> , 35, 2493-2515	3.1	34
53	The Normalization of Surface Anisotropy Effects Present in SEVIRI Reflectances by Using the MODIS BRDF Method. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2014</b> , 52, 6026-6039	8.1	13
52	An automated field spectrometer system for studying VIS, NIR and SWIR anisotropy for semi-arid savanna. <i>Remote Sensing of Environment</i> , <b>2014</b> , 152, 547-556	13.2	19
51	Explaining NDVI trends in northern Burkina Faso. <i>Geografisk Tidsskrift</i> , <b>2014</b> , 114, 17-24	1.5	14
50	Assimilation of SMOS-derived soil moisture in a fully integrated hydrological and soil-vegetation-atmosphere transfer model in Western Denmark. <i>Water Resources Research</i> , <b>2014</b> , 50, 8962-8981	5.4	69
49	Global Ecosystem Response Types Derived from the Standardized Precipitation Evapotranspiration Index and FPAR3g Series. <i>Remote Sensing</i> , <b>2014</b> , 6, 4266-4288	5	9
48	Drought footprint on European ecosystems between 1999 and 2010 assessed by remotely sensed vegetation phenology and productivity. <i>Global Change Biology</i> , <b>2014</b> , 20, 581-93	11.4	74
47	Advances in monitoring vegetation and land use dynamics in the Sahel. <i>Geografisk Tidsskrift</i> , <b>2014</b> , 114, 84-91	1.5	11
46	Automated Water Extraction Index: A new technique for surface water mapping using Landsat imagery. <i>Remote Sensing of Environment</i> , <b>2014</b> , 140, 23-35	13.2	777
45	Actual evapotranspiration in drylands derived from in-situ and satellite data: Assessing biophysical constraints. <i>Remote Sensing of Environment</i> , <b>2013</b> , 131, 103-118	13.2	88
44	Can vegetation productivity be derived from greenness in a semi-arid environment? Evidence from ground-based measurements. <i>Journal of Arid Environments</i> , <b>2013</b> , 97, 56-65	2.5	60
43	Influence of the inter tropical discontinuity on Harmattan dust deposition in Ghana. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2013</b> , 14, 3425-3435	3.6	9
42	Global Biogeographical Pattern of Ecosystem Functional Types Derived From Earth Observation Data. <i>Remote Sensing</i> , <b>2013</b> , 5, 3305-3330	5	21
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1 Inter-comparison of energy balance and hydrological models for land surface energy fluxes estimation over a whole river catchment

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