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## A modified soil adjusted vegetation index

DOI: 10.1016/0034-4257(94)90134-1  
Remote Sensing of Environment, 1994, 48, 119-126.

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**Version:** 2024-04-28

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1812	. <b>1994</b> , 32, 897-905		154
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1810	The robustness of canopy gap fraction estimates from red and near-infrared reflectances: A comparison of approaches. <i>Remote Sensing of Environment</i> , <b>1995</b> , 54, 141-151	13.2	164
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1807	A feedback based modification of the NDVI to minimize canopy background and atmospheric noise. <b>1995</b> , 33, 457-465		272
1806	Operational relationships between NOAA-advanced very high resolution radiometer vegetation indices and daily fraction of absorbed photosynthetically active radiation, established for Sahelian vegetation canopies. <b>1996</b> , 101, 21275-21289		4
1805	Canopy architecture and remote sensing of the fraction of photosynthetically active radiation absorbed by boreal conifer forests. <b>1996</b> , 34, 1353-1368		125
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1436	Detection of powdery mildew in two winter wheat cultivars using canopy hyperspectral reflectance. <b>2013</b> , 45, 124-131	48
1435	Developing and validating novel hyperspectral indices for leaf area index estimation: Effect of canopy vertical heterogeneity. <b>2013</b> , 32, 123-130	14
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1433	Non-destructive estimation of rice plant nitrogen status with Crop Circle multispectral active canopy sensor. <b>2013</b> , 154, 133-144	120
1432	Understanding transportation-caused rangeland damage in Mongolia. <b>2013</b> , 114, 433-44	14
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1430	Remotely detecting canopy nitrogen concentration and uptake of paddy rice in the Northeast China Plain. <b>2013</b> , 78, 102-115	83
1429	Texture augmented detection of macrophyte species using decision trees. <b>2013</b> , 80, 10-20	13
1428	Determination of crop evapotranspiration of table grapes in a semi-arid region of Northwest Mexico using multi-spectral vegetation index. <b>2013</b> , 122, 12-19	39
1427	Feature Mining for Hyperspectral Image Classification. <b>2013</b> , 101, 676-697	253
1426	Agronomic traits and vegetation indices of two onion hybrids. <b>2013</b> , 155, 56-64	13
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1424	Estimating the spatial pattern of soil respiration in Tibetan alpine grasslands using Landsat TM images and MODIS data. <b>2013</b> , 26, 117-125	41
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1422	Monitoring nitrogen concentration of oilseed rape from hyperspectral data using radial basis function. <b>2013</b> , 6, 550-562	13
1421	Pixel and object-based classification approaches for mapping forest fuel types in Tenerife Island from ASTER data. <b>2013</b> , 22, 306	12
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1418	Remote Sensing of Coastal Wetland Biomass: An Overview. <b>2013</b> , 290, 1016-1028	52
1417	Temporal hyperspectral monitoring of chlorophyll, LAI, and water content of barley during a growing season. <b>2013</b> , 39, 191-207	14
1416	A comparative analysis of spectral vegetation indices to estimate crop leaf area index. <b>2013</b> , 19, 315-326	11
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1407	Estimation of Land Surface Energy Fluxes from Remote Sensing Using One-Layer Modeling Approaches. <b>2013</b> , 189-206	
1406	Prediction of Wheat Yield and Protein Using Remote Sensors on Plots-Part I: Assessing near Infrared Model Robustness for Year and Site Variations. <b>2013</b> , 21, 117-131	11
1405	Relationships between vegetation indices and different burn and vegetation ratios: a multi-scale approach applied in a fire affected area. <b>2013</b> ,	1



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1403	Sensitivity of vegetation indices to different burn and vegetation ratios using LANDSAT-5 satellite data. <b>2013</b> ,	
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1400	Mapping global seasonal forest background reflectivity with Multi-angle Imaging Spectroradiometer data. <b>2014</b> , 119, 1063-1077	22
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1396	A New Approach for the Analysis of Hyperspectral Data: Theory and Sensitivity Analysis of the Moment Distance Method. <b>2014</b> , 6, 20-41	22
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1394	Topographic Correction of ZY-3 Satellite Images and Its Effects on Estimation of Shrub Leaf Biomass in Mountainous Areas. <b>2014</b> , 6, 2745-2764	27
1393	Assessing the Robustness of Vegetation Indices to Estimate Wheat N in Mediterranean Environments. <b>2014</b> , 6, 2827-2844	55
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1359	Visible and near-infrared reflectance spectroscopy-an alternative for monitoring soil contamination by heavy metals. <b>2014</b> , 265, 166-76	193
1358	Capability of C-band backscattering coefficients from high-resolution satellite SAR sensors to assess biophysical variables in paddy rice. <i>Remote Sensing of Environment</i> , <b>2014</b> , 140, 257-266	13.2 105
1357	Spatio-temporal analysis of remotely-sensed forest mortality associated with road de-icing salts. <b>2014</b> , 472, 929-38	14
1356	Grassland aboveground biomass retrieval from remote sensing data by using artificial neural network in temperate grassland, northern China. <b>2014</b> ,	
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1351	Forest Biomass Mapping of Northeastern China Using GLAS and MODIS Data. <b>2014</b> , 7, 140-152	43

1350	Sensitivity Analysis of Vegetation Reflectance to Biochemical and Biophysical Variables at Leaf, Canopy, and Regional Scales. <b>2014</b> , 52, 4014-4024		103
1349	C. Tote*, S. Delalieux, M. Goossens, B.J. Williamson, and E. Swinnen. 2014. "Monitoring Environmental Health Using SPOT-VEGETATION-Derived and Field-Measured Spectral Indices in Karabash, Russia." <i>International Journal of Remote Sensing</i> 35 (7): 2516-2533. doi:10.1080/01431161.2014.883103. <b>2014</b> , 35, 5291-5308		
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1294	Estimation of biomass and carbon stock in Para rubber plantations using object-based classification from Thaichote satellite data in Eastern Thailand. <b>2015</b> , 9, 096072	19
1293	Remote-sensing application for facilitating land resource assessment and monitoring for utility-scale solar energy development. <b>2015</b> , 9, 097694	4
1292	Influence of soil, crop residue, and sensor orientations on NDVI readings. <b>2015</b> , 16, 690-704	12
1291	Estimating Leaf Area Index by Bayesian Linear Regression Using Terrestrial LiDAR, LAI-2200 Plant Canopy Analyzer, and Landsat TM Spectral Indices. <b>2015</b> , 41, 315-333	8
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1288	An Analysis of Shadow Effects on Spectral Vegetation Indexes Using a Ground-Based Imaging Spectrometer. <b>2015</b> , 12, 2188-2192	39
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1286	Are soil-adjusted vegetation indices better than soil-unadjusted vegetation indices for above-ground green biomass estimation in arid and semi-arid grasslands?. <b>2015</b> , 70, 611-619	16
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1280	A new feature selection from lidar data and digital aerial images acquired for an urban/c environment using an ANFIS-based classification and a fuzzy rough set method. <b>2015</b> , 36, 3587-3615	2
1279	Predicting Eucalyptus spp. stand volume in Zululand, South Africa: an analysis using a stochastic gradient boosting regression ensemble with multi-source data sets. <b>2015</b> , 36, 3751-3772	28

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1276	Using vegetation spectral indices to detect oil pollution in the Niger Delta. <b>2015</b> , 6, 145-154		24
1275	Hyperspectral vegetation indices for predicting onion ( <i>Allium cepa</i> L.) yield spatial variability. <b>2015</b> , 116, 109-117		13
1274	Estimating Ground Cover in the Mixed Prairie Grassland of Southern Alberta Using Vegetation Indices Related to Physiological Function. <b>2015</b> , 41, 51-66		18
1273	Hyperspectral aerial imagery for detecting nitrogen stress in two potato cultivars. <b>2015</b> , 112, 36-46		42
1272	Predictability of leaf area index using vegetation indices from multiangular CHRIS/PROBA data over eastern China. <b>2015</b> , 9, 096085		8
1271	Retrieval of grassland plant coverage on the Tibetan Plateau based on a multi-scale, multi-sensor and multi-method approach. <i>Remote Sensing of Environment</i> , <b>2015</b> , 164, 197-207	13.2	68
1270	Combining UAV-based plant height from crop surface models, visible, and near infrared vegetation indices for biomass monitoring in barley. <b>2015</b> , 39, 79-87		461
1269	In-Season Nitrogen Status Assessment and Yield Estimation Using Hyperspectral Vegetation Indices in a Potato Crop. <b>2015</b> , 107, 1295-1309		27
1268	Assessing and monitoring the risk of desertification in Dobrogea, Romania, using Landsat data and decision tree classifier. <b>2015</b> , 187, 204		12
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1265	Applicability of VI in arid vegetation delineation using shadow-affected SPOT imagery. <b>2015</b> , 187, 454		4
1264	High-spatial resolution multispectral and panchromatic satellite imagery for mapping perennial desert plants. <b>2015</b> ,		4
1263	Polygonal tundra geomorphological change in response to warming alters future CO <sub>2</sub> and CH <sub>4</sub> flux on the Barrow Peninsula. <b>2015</b> , 21, 1634-51		83
1262	An approach for detecting five typical vegetation types on the Chinese Loess Plateau using Landsat TM data. <b>2015</b> , 187, 577		2
1261	Evaluation of Earth Observation Systems for Estimating Environmental Determinants of Microbial Contamination in Recreational Waters. <b>2015</b> , 8, 3730-3741		4



1260	Analyzing the Spatial Scaling Bias of Rice Leaf Area Index From Hyperspectral Data Using Wavelet-Fractal Technique. <b>2015</b> , 8, 3068-3080		9
1259	Evaluating an unmanned aerial vehicle-based remote sensing system for estimation of rice nitrogen status. <b>2015</b> ,		8
1258	Mapping urban sprawl and impervious surfaces in the northeast United States for the past four decades. <b>2015</b> , 52, 746-764		33
1257	Optimum spectral and geometric parameters for early detection of laurel wilt disease in avocado. <i>Remote Sensing of Environment</i> , <b>2015</b> , 171, 33-44	13.2	47
1256	Long-term environmental change and geographical patterns of violence in Darfur, 2003-2005. <b>2015</b> , 45, 22-33		31
1255	A hyperspectral index sensitive to subtle changes in the canopy chlorophyll content under arsenic stress. <b>2015</b> , 36, 41-53		44
1254	Quantifying dwarf shrub biomass in an arid environment: comparing empirical methods in a high dimensional setting. <i>Remote Sensing of Environment</i> , <b>2015</b> , 158, 140-155	13.2	56
1253	Geospatial modeling to identify the effects of anthropogenic processes on landscape pattern change and biodiversity. <b>2015</b> , 8, 1557-1569		7
1252	The spatial pattern of grassland aboveground biomass on Xizang Plateau and its climatic controls. <b>2015</b> , 8, 30-40		29
1251	Deriving phenology of barley with imaging hyperspectral remote sensing. <b>2015</b> , 295, 123-135		18
1250	Estimating spatiotemporal patterns of aboveground biomass using Landsat TM and MODIS images in the Mu Us Sandy Land, China. <b>2015</b> , 200, 119-128		39
1249	. <b>2016</b> ,		10
1248	Multispectral and Texture Feature Application in Image-Object Analysis of Summer Vegetation in Eastern Tajikistan Pamirs. <b>2016</b> , 8, 78		27
1247	Soil Salinity Mapping and Hydrological Drought Indices Assessment in Arid Environments Based on Remote Sensing Techniques. <b>2016</b> ,		1
1246	Open-Access Geographic Data for the Argali Habitat in the Southeastern Tajik Pamirs. <b>2016</b> , 1, 5		1
1245	Estimating Mangrove Biophysical Variables Using WorldView-2 Satellite Data: Rapid Creek, Northern Territory, Australia. <b>2016</b> , 2, 24		12
1244	Detection of Spatio-Temporal Changes of Norway Spruce Forest Stands in Ore Mountains Using Landsat Time Series and Airborne Hyperspectral Imagery. <b>2016</b> , 8, 92		14
1243	Vineyard Detection and Vine Variety Discrimination from Very High Resolution Satellite Data. <b>2016</b> , 8, 235		24

1242	Detection of Drought-Induced Hickory Disturbances in Western Lin An County, China, Using Multitemporal Landsat Imagery. <b>2016</b> , 8, 345	12
1241	Remote Estimation of Vegetation Fraction and Flower Fraction in Oilseed Rape with Unmanned Aerial Vehicle Data. <b>2016</b> , 8, 416	49
1240	Sentinel-2â Potential for Sub-Pixel Landscape Feature Detection. <b>2016</b> , 8, 488	93
1239	Vegetation Indices for Mapping Canopy Foliar Nitrogen in a Mixed Temperate Forest. <b>2016</b> , 8, 491	47
1238	Exploiting Differential Vegetation Phenology for Satellite-Based Mapping of Semiarid Grass Vegetation in the Southwestern United States and Northern Mexico. <b>2016</b> , 8, 889	8
1237	Land Use Change Impact on Flooding Areas: The Case Study of Cervaro Basin (Italy). <b>2016</b> , 8, 996	54
1236	Early Detection and Quantification of Almond Red Leaf Blotch Using High-Resolution Hyperspectral and Thermal Imagery. <b>2016</b> , 8, 276	63
1235	Downscaling of MODIS One Kilometer Evapotranspiration Using Landsat-8 Data and Machine Learning Approaches. <b>2016</b> , 8, 215	84
1234	Aerial multispectral imaging for crop hail damage assessment in potato. <b>2016</b> , 127, 406-412	39
1233	Improving the ANN Classification Accuracy of Landsat Data Through Spectral Indices and Linear Transformations (PCA and TCT) Aimed at LU/LC Monitoring of a River Basin. <b>2016</b> , 420-432	12
1232	Estimating Vegetation Cover from High-Resolution Satellite Data to Assess Grassland Degradation in the Georgian Caucasus. <b>2016</b> , 36, 56-65	36
1231	Comparison of fractional vegetation cover estimations using dimidiated pixel models and look-up table inversions of the PROSAIL model from Landsat 8 OLI data. <b>2016</b> , 10, 036022	14
1230	Using NDVI to measure precipitation in semi-arid landscapes. <b>2016</b> , 131, 15-24	23
1229	Estimation of big sagebrush leaf area index with terrestrial laser scanning. <b>2016</b> , 61, 815-821	38
1228	Uncoupling the complexity of forest soil variation: Influence of terrain indices, spectral indices, and spatial variability. <b>2016</b> , 369, 89-101	6
1227	Improving estimates of fractional vegetation cover based on UAV in alpine grassland on the QinghaiâTibetan Plateau. <b>2016</b> , 37, 1922-1936	59
1226	Spatial scale and pattern dependences of aboveground biomass estimation from satellite images: a case study of the Sierra National Forest, California. <b>2016</b> , 31, 1711-1723	2
1225	Quantifying canopy fractional cover and change in Fanjingshan National Nature Reserve, China using multi-temporal Landsat imagery. <b>2016</b> , 7, 671-680	6

1224	Forest Type, Diversity and Biomass Estimation in Tropical Forests of Western Ghat of Maharashtra Using Geospatial Techniques. <b>2016</b> , 15, 517-532		5
1223	Monitoring pasture variability: optical OptRx( ) crop sensor versus Grassmaster II capacitance probe. <b>2016</b> , 188, 117		12
1222	Mapping and estimating the total living biomass and carbon in low-biomass woodlands using Landsat 8 CDR data. <b>2016</b> , 11, 13		36
1221	Using a multiscale, probabilistic approach to identify spatial-temporal wetland gradients. <i>Remote Sensing of Environment</i> , <b>2016</b> , 184, 522-538	13.2	22
1220	Comparison of Landsat 8 OLI and Landsat 7 ETM+ for estimating grassland LAI using model inversion and spectral indices: case study of Mpumalanga, South Africa. <b>2016</b> , 37, 4401-4419		16
1219	A Comparison of Machine Learning Techniques Applied to Landsat-5 TM Spectral Data for Biomass Estimation. <b>2016</b> , 42, 690-705		42
1218	Modelling high arctic percent vegetation cover using field digital images and high resolution satellite data. <b>2016</b> , 52, 445-456		18
1217	Lithology controls the regional distribution and morphological diversity of montane Mediterranean badlands in the upper Llobregat basin (eastern Pyrenees). <b>2016</b> , 273, 107-115		13
1216	Multi-factor modeling of above-ground biomass in alpine grassland: A case study in the Three-River Headwaters Region, China. <i>Remote Sensing of Environment</i> , <b>2016</b> , 186, 164-172	13.2	62
1215	Assessment of the spatial variability in tall wheatgrass forage using LANDSAT 8 satellite imagery to delineate potential management zones. <b>2016</b> , 188, 513		9
1214	Approaches to the analysis of weed distribution. <b>2016</b> , 438-453		
1213	Use of shadow for enhancing mapping of perennial desert plants from high-spatial resolution multispectral and panchromatic satellite imagery. <b>2016</b> , 10, 036008		1
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1211	Relations of vegetation and water indices to volumetric soil water content in the Pantanal of Mato Grosso, Brazil. <b>2016</b> , 37, 4261-4275		7
1210	Impact analysis of pansharpeneing Landsat ETM+, Landsat OLI, WorldView-2, and Ikonos images on vegetation indices. <b>2016</b> ,		3
1209	Using satellite multispectral imagery for damage mapping of armyworm ( <i>Spodoptera frugiperda</i> ) in maize at a regional scale. <b>2016</b> , 72, 335-48		22
1208	Spectral Indices Based Change Detection in an Urban Area Using Landsat Data. <b>2016</b> , 425-441		0
1207	Comparison of sampling strategies for object-based classification of urban vegetation from Very High Resolution satellite images. <b>2016</b> , 51, 60-73		16

1206	Revised normalized difference nitrogen index (NDNI) for estimating canopy nitrogen concentration in wetlands. <b>2016</b> , 127, 7676-7688		17
1205	Proximal NDVI derived phenology improves in-season predictions of wheat quantity and quality. <b>2016</b> , 217, 46-60		72
1204	Soil isoline equations in the red-NIR reflectance subspace describe a heterogeneous canopy. <b>2016</b> , 10, 016013		1
1203	Mapping ephemeral stream networks in desert environments using very-high-spatial-resolution multispectral remote sensing. <b>2016</b> , 130, 40-48		11
1202	A support vector machine object based image analysis approach on urban green space extraction using Pleiades-1A imagery. <b>2016</b> , 2, 1		14
1201	Estimation of arsenic in agricultural soils using hyperspectral vegetation indices of rice. <b>2016</b> , 308, 243-52		58
1200	Disaggregation of LST over India: comparative analysis of different vegetation indices. <b>2016</b> , 37, 1035-1054		29
1199	Modelling spectral reflectance of open cork oak woodland: a simulation analysis of the effects of vegetation structure and background. <b>2016</b> , 37, 492-515		10
1198	Mapping the structure of Borneo's tropical forests across a degradation gradient. <i>Remote Sensing of Environment</i> , <b>2016</b> , 176, 84-97	13.2	64
1197	Modeling grassland aboveground biomass using a pure vegetation index. <b>2016</b> , 62, 279-288		44
1196	Downscaling of Landsat and MODIS Land Surface Temperature Over the Heterogeneous Urban Area of Milan. <b>2016</b> , 9, 2019-2027		57
1195	Improved remote sensing detection of wheat powdery mildew using dual-green vegetation indices. <b>2016</b> , 17, 608-627		20
1194	Earth observation-based multi-scale impact assessment of internally displaced person (IDP) camps on wood resources in Zalingei, Darfur. <b>2016</b> , 31, 575-595		7
1193	Temporal dynamics of spectral bioindicators evidence biological and ecological differences among functional types in a cork oak open woodland. <b>2016</b> , 60, 813-25		8
1192	Relationship Between Biophysical Parameters and Synthetic Indices Derived from Hyperspectral Field Data in a Salt Marsh from Buenos Aires Province, Argentina. <b>2016</b> , 36, 185-194		3
1191	Mapping of soil properties and land degradation risk in Africa using MODIS reflectance. <b>2016</b> , 263, 216-225		107
1190	Improving in-season estimation of rice yield potential and responsiveness to topdressing nitrogen application with Crop Circle active crop canopy sensor. <b>2016</b> , 17, 136-154		54
1189	Site-based and remote sensing methods for monitoring indicators of vegetation condition: An Australian review. <b>2016</b> , 60, 1273-1283		107

1188	. <b>2017</b> , 10, 3254-3264		60
1187	Developing a new Crop Circle active canopy sensor-based precision nitrogen management strategy for winter wheat in North China Plain. <b>2017</b> , 18, 2-18		38
1186	Total evaporation estimation for accurate water accounting purposes: an appraisal of various available estimation methods. <b>2017</b> , 32, 1333-1351		3
1185	Distribution changes of woody plants in Western Iran as monitored by remote sensing and geographical information system: a case study of Zagros forest. <b>2017</b> , 28, 145-153		13
1184	Estimating rice yield related traits and quantitative trait loci analysis under different nitrogen treatments using a simple tower-based field phenotyping system with modified single-lens reflex cameras. <b>2017</b> , 125, 50-62		39
1183	Using high spatial resolution satellite imagery to map forest burn severity across spatial scales in a Pine Barrens ecosystem. <i>Remote Sensing of Environment</i> , <b>2017</b> , 191, 95-109	13.2	64
1182	Comparing the use of training data derived from legacy soil pits and soil survey polygons for mapping soil classes. <b>2017</b> , 290, 51-68		23
1181	Retrieval of aerosol optical properties using MERIS observations: Algorithm and some first results. <i>Remote Sensing of Environment</i> , <b>2017</b> , 197, 125-140	13.2	37
1180	Promoting sustainable intensification in precision agriculture: review of decision support systems development and strategies. <b>2017</b> , 18, 309-331		149
1179	3D reconstruction of buildings from LiDAR data considering various types of roof structures. <b>2017</b> , 38, 1451-1482		7
1178	Aboveground biomass of naturally regenerated and replanted semi-tropical shrublands derived from aerial imagery. <b>2017</b> , 13, 145-156		4
1177	Airborne hyperspectral mapping of trees in an urban area. <b>2017</b> , 38, 1277-1311		14
1176	UAS, sensors, and data processing in agroforestry: a review towards practical applications. <b>2017</b> , 38, 2349-2391		156
1175	Estimating and mapping chlorophyll content for a heterogeneous grassland: Comparing prediction power of a suite of vegetation indices across scales between years. <b>2017</b> , 126, 146-167		36
1174	Retrieving aboveground biomass of wetland <i>Phragmites australis</i> (common reed) using a combination of airborne discrete-return LiDAR and hyperspectral data. <b>2017</b> , 58, 107-117		20
1173	Predicting mastic epipedons in the northeastern Qinghai-Tibetan Plateau using Random Forest. <b>2017</b> , 10, 1-10		28
1172	What is the main cause of grassland degradation? A case study of grassland ecosystem service in the middle-south Inner Mongolia. <b>2017</b> , 150, 100-107		90
1171	Hyperspectral indices for quantifying leaf chlorophyll concentrations performed differently with different leaf types in deciduous forests. <b>2017</b> , 37, 1-9		46

1170	Evaluating the effect of remote sensing image spatial resolution on soil exchangeable potassium prediction models in smallholder farm settings. <b>2017</b> , 200, 423-433		17
1169	On the brink of extinction—Habitat selection of addax and dorcas gazelle across the Tin Toumma desert, Niger. <b>2017</b> , 23, 581-591		7
1168	Assessing native desert vegetation recovery in a war-affected area using multispectral and hyperspectral imagery: a case study of the Sabah Al-Ahmad Nature Reserve, Kuwait. <b>2017</b> , 25, 982-993		8
1167	Modeling seasonal surface temperature variations in secondary tropical dry forests. <b>2017</b> , 62, 122-134		14
1166	Temperature-Vegetation-soil Moisture Dryness Index (TVMDI). <i>Remote Sensing of Environment</i> , <b>2017</b> , 197, 1-14	13.2	62
1165	Producing nitrogen (N) uptake maps in winter wheat by combining proximal crop measurements with Sentinel-2 and DMC satellite images in a decision support system for farmers. <b>2017</b> , 67, 637-650		12
1164	Environmental cues used by Greater Sage-Grouse to initiate altitudinal migration. <b>2017</b> , 134, 628-643		15
1163	Monitoring mangrove biomass change in Vietnam using SPOT images and an object-based approach combined with machine learning algorithms. <b>2017</b> , 128, 86-97		82
1162	Modelling biomass of mountainous grasslands by including a species composition map. <b>2017</b> , 78, 8-18		22
1161	A fuzzy logic approach to analyse the suitability of nesting habitat for greater sage-grouse in western Wyoming. <b>2017</b> , 62, 215-234		7
1160	Low-level Adelges tsugae infestation detection in New England through partition modeling of Landsat data. <i>Remote Sensing of Environment</i> , <b>2017</b> , 190, 13-25	13.2	4
1159	Characterizing Vegetation Canopy Structure Using Airborne Remote Sensing Data. <b>2017</b> , 55, 1160-1178		16
1158	Sugarcane crop identification from LISS IV data using ISODATA, MLC, and indices based decision tree approach. <b>2017</b> , 10, 1		30
1157	Estimation of leaf area index using WorldView-2 and Aster satellite image: a case study from Turkey. <b>2017</b> , 189, 538		6
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1155	Characterizing flood hazard risk in data-scarce areas, using a remote sensing and GIS-based flood hazard index. <b>2017</b> , 89, 1369-1387		39
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1153	Review of native vegetation condition assessment concepts, methods and future trends. <b>2017</b> , 40, 12-23		16

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1151	Spatial upscaling of green aboveground biomass derived from MODIS-based NDVI in arid and semiarid grasslands. <b>2017</b> , 60, 2001-2008	6
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1144	Autumn olive ( <i>Elaeagnus umbellata</i> ) presence and proliferation on former surface coal mines in Eastern USA. <b>2017</b> , 19, 179-195	24
1143	Fusion of airborne LiDAR data and hyperspectral imagery for aboveground and belowground forest biomass estimation. <b>2017</b> , 73, 378-387	70
1142	Mapping wheat nitrogen uptake from RapidEye vegetation indices. <b>2017</b> , 18, 429-451	36
1141	Discriminating and monitoring rangeland condition classes with MODIS NDVI and EVI indices in Iranian arid and semi-arid lands. <b>2017</b> , 31, 94-110	13
1140	Comparison of ground and satellite-based methods for estimating stand-level fPAR in a boreal forest. <b>2017</b> , 232, 422-432	18
1139	Incorporation of satellite remote sensing pan-sharpened imagery into digital soil prediction and mapping models to characterize soil property variability in small agricultural fields. <b>2017</b> , 123, 1-19	34
1138	Towards a multi-scale approach for an Earth observation-based assessment of natural resource exploitation in conflict regions. <b>2017</b> , 32, 1139-1158	4
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1136	Spatio-temporal soil moisture estimation using neural network with wavelet preprocessing. <b>2017</b> ,	
1135	Assessment of heavy metal stress using hyperspectral data. <b>2017</b> ,	

1134	Monitoring of powdery mildew on Winter wheat using multi-temporal HJ-CCD imagery on a regional scale. <b>2017</b> ,	
1133	Forest canopy density assessment using different approaches âReview. <b>2017</b> , 63, 107-116	12
1132	Spectral Knowledge (SK-UTALCA): Software for Exploratory Analysis of High-Resolution Spectral Reflectance Data on Plant Breeding. <b>2016</b> , 7, 1996	12
1131	Evaluating Hyperspectral Vegetation Indices for Leaf Area Index Estimation of L. at Diverse Phenological Stages. <b>2017</b> , 8, 820	39
1130	Estimation of Winter Wheat Above-Ground Biomass Using Unmanned Aerial Vehicle-Based Snapshot Hyperspectral Sensor and Crop Height Improved Models. <b>2017</b> , 9, 708	169
1129	Estimation of Wheat LAI at Middle to High Levels Using Unmanned Aerial Vehicle Narrowband Multispectral Imagery. <b>2017</b> , 9, 1304	76
1128	Soil salinity mapping and hydrological drought indices assessment in arid environments based on remote sensing techniques. <b>2017</b> , 6, 149-158	24
1127	Monitoring Forest Dynamics in the Andean Amazon: The Applicability of Breakpoint Detection Methods Using Landsat Time-Series and Genetic Algorithms. <b>2017</b> , 9, 68	7
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1123	Mapping <i>Torreya grandis</i> Spatial Distribution Using High Spatial Resolution Satellite Imagery with the Expert Rules-Based Approach. <b>2017</b> , 9, 564	12
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1121	Wall-to-Wall Tree Type Mapping from Countrywide Airborne Remote Sensing Surveys. <b>2017</b> , 9, 766	28
1120	<i>Robinia pseudoacacia</i> L. Flower Analyzed by Using An Unmanned Aerial Vehicle (UAV). <b>2017</b> , 9, 1091	21
1119	Spatiotemporally Representative and Cost-Efficient Sampling Design for Validation Activities in Wanglang Experimental Site. <b>2017</b> , 9, 1217	8
1118	The Effect of Leaf Stacking on Leaf Reflectance and Vegetation Indices Measured by Contact Probe during the Season. <b>2017</b> , 17,	40
1117	Land Cover Classification in an Ecuadorian Mountain Geosystem Using a Random Forest Classifier, Spectral Vegetation Indices, and Ancillary Geographic Data. <b>2017</b> , 7, 34	22



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1115	Estimating the Biomass of Maize with Hyperspectral and LiDAR Data. <b>2017</b> , 9, 11	43
1114	Modelling spatial and temporal dynamics of gross primary production in the Sahel from earth-observation-based photosynthetic capacity and quantum efficiency. <b>2017</b> , 14, 1333-1348	13
1113	Mapping Annual Riparian Water Use Based on the Single-Satellite-Scene Approach. <b>2017</b> , 9, 832	5
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1111	A Workflow for Automated Satellite Image Processing: from Raw VHSR Data to Object-Based Spectral Information for Smallholder Agriculture. <b>2017</b> , 9, 1048	18
1110	SMOS-IC: An Alternative SMOS Soil Moisture and Vegetation Optical Depth Product. <b>2017</b> , 9, 457	136
1109	Spatial prediction of basal area and volume in Eucalyptus stands using Landsat TM data: an assessment of prediction methods. <b>2018</b> , 48,	20
1108	"Reduction of tree cover in West African woodlands and promotion in semi-arid farmlands". <b>2018</b> , 11, 328-333	58
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1106	Analysis of optimal thresholds for identification of open water using MODIS-derived spectral indices for two coastal wetland systems in Mexico. <b>2018</b> , 70, 13-24	8
1105	Dynamics of soil salinity and vegetation in a reclaimed area in Saemangeum, Republic of Korea. <b>2018</b> , 321, 42-51	21
1104	Detecting Himalayan glacial lake outburst floods from Landsat time series. <i>Remote Sensing of Environment</i> , <b>2018</b> , 207, 84-97	13.2 51
1103	Effects of image pansharpener on soil total nitrogen prediction models in South India. <b>2018</b> , 320, 52-66	23
1102	Application of fuzzy logic approach for wind erosion hazard mapping in Laghouat region (Algeria) using remote sensing and GIS. <b>2018</b> , 32, 24-34	15
1101	Renewed Estimates of Grassland Aboveground Biomass Showing Drought Impacts. <b>2018</b> , 123, 138-148	8
1100	Estimating soil total nitrogen in smallholder farm settings using remote sensing spectral indices and regression kriging. <b>2018</b> , 163, 111-122	30
1099	Exploring new spectral bands and vegetation indices for estimating nitrogen nutrition index of summer maize. <b>2018</b> , 93, 113-125	58

1098	Estimating defoliation of Scots pine stands using machine learning methods and vegetation indices of Sentinel-2. <b>2018</b> , 51, 194-204		54
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1095	Mapping Plant Functional Groups in Subalpine Grassland of the Greater Caucasus. <b>2018</b> , 38, 63-72		5
1094	Integrating forest inventory data and MODIS data to map species-level biomass in Chinese boreal forests. <b>2018</b> , 48, 461-479		6
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1090	Spectral indices based object oriented classification for change detection using satellite data. <b>2018</b> , 9, 33-42		8
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1088	Cultural Niche Construction and Remote Sensing of Ancient Anthropogenic Environmental Change in the North Coast of Peru. <b>2018</b> , 25, 559-586		9
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1085	Identifying Groundwater Potential in Crystalline Basement Rocks Using Remote Sensing and Electromagnetic Sounding Techniques in Central Western Mozambique. <b>2018</b> , 27, 275-298		17
1084	Prediction of spatial soil organic carbon distribution using Sentinel-2A and field inventory data in Sariska Tiger Reserve. <b>2018</b> , 90, 693-704		20
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1082	Laser reflection method for vegetation monitoring at eye-safe sensing wavelengths in the NIR spectral band. <b>2018</b> , 450, 022018		2
1081	Integrating GEOBIA, Machine Learning, and Volunteered Geographic Information to Map Vegetation over Rooftops. <b>2018</b> , 7, 462		7

1080	Coefficient of Variation from Vegetation Index for Sugarcane Population and Stalk Evaluation. <b>2018</b> , 1, 1-9	3
1079	Graph of Concepts for Semantic Annotation of Remotely Sensed Images based on Direct Neighbors in RAG. <b>2018</b> , 44, 551-574	4
1078	Evaluation of Spectral Indices for Assessing Fire Severity in Australian Temperate Forests. <b>2018</b> , 10, 1680	44
1077	Research on the Estimation Model of Vegetation Water Content in Halophyte Leaves Based on the Newly Developed Vegetation Indices. <b>2018</b> , 84, 538-548	1
1076	. <b>2018</b> ,	
1075	Evaluation of OSEB and SEBAL models for energy balance of a crop area in a humid subtropical climate. <b>2018</b> , 77, 609-621	2
1074	Estimation of Sugarcane Yield by Assimilating UAV and Ground Measurements Via Ensemble Kalman Filter. <b>2018</b> ,	6
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