# Mark E J Cutler

## List of Publications by Year
in descending order

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|---|---|---|---|
| 38<br>papers | 2,641<br>citations | 361413<br>20<br>h-index | 330143<br>37<br>g-index |
| 41<br>all docs | 41<br>docs citations | 41<br>times ranked | 3400<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Predictive relations of tropical forest biomass from Landsat TM data and their transferability between regions. Remote Sensing of Environment, 2003, 85, 463-474. | 11.0 | 442 |
| 2 | Mapping sub-pixel proportional land cover with AVHRR imagery. International Journal of Remote Sensing, 1997, 18, 917-935. | 2.9 | 238 |
| 3 | Mapping the biomass of Bornean tropical rain forest from remotely sensed data. Global Ecology and Biogeography, 2001, 10, 379-387. | 5.8 | 223 |
| 4 | Comparison of remotely sensed water stages from LiDAR, topographic contours and SRTM. ISPRS Journal of Photogrammetry and Remote Sensing, 2008, 63, 283-296. | 11.1 | 176 |
| 5 | Estimating tropical forest biomass with a combination of SAR image texture and Landsat TM data: An assessment of predictions between regions. ISPRS Journal of Photogrammetry and Remote Sensing, 2012, 70, 66-77. | 11.1 | 167 |
| 6 | Meteorology and surface energy fluxes in the 2005â€"2007 ablation seasons at the Miage debrisâ€covered glacier, Mont Blanc Massif, Italian Alps. Journal of Geophysical Research, 2010, 115, . | 3.3 | 134 |
| 7 | Estimating Canopy Chlorophyll Concentration from Field and Airborne Spectra. Remote Sensing of Environment, 1999, 68, 217-224. | 11.0 | 133 |
| 8 | Tree biodiversity in protected and logged Bornean tropical rain forests and its measurement by satellite remote sensing. Journal of Biogeography, 2003, 30, 1053-1066. | 3.0 | 116 |
| 9 | Aboveground biomass density models for NASAâ€™s Global Ecosystem Dynamics Investigation (GEDI) lidar mission. Remote Sensing of Environment, 2022, 270, 112845. | 11.0 | 108 |
| 10 | Using ASTER satellite and ground-based surface temperature measurements to derive supraglacial debris cover and thickness patterns on Miage Glacier (Mont Blanc Massif, Italy). Cold Regions Science and Technology, 2008, 52, 341-354. | 3.5 | 103 |
| 11 | Mapping the species richness and composition of tropical forests from remotely sensed data with neural networks. Ecological Modelling, 2006, 195, 37-42. | 2.5 | 96 |
| 12 | Global lake thermal regions shift under climate change. Nature Communications, 2020, 11, 1232. | 12.8 | 96 |
| 13 | A physically based method for estimating supraglacial debris thickness from thermal band remote-sensing data. Journal of Glaciology, 2012, 58, 677-691. | 2.2 | 85 |
| 14 | Remote sensing of upland vegetation: the potential of high spatial resolution satellite sensors. Global Ecology and Biogeography, 2004, 13, 359-369. | 5.8 | 77 |
| 15 | Active restoration accelerates the carbon recovery of human-modified tropical forests. Science, 2020, 369, 838-841. | 12.6 | 68 |
| 16 | Development of a technique for Lake Habitat Survey (LHS) with applications for the European Union Water Framework Directive. Aquatic Conservation: Marine and Freshwater Ecosystems, 2006, 16, 637-657. | 2.0 | 58 |
| 17 | The World's Tallest Tropical Tree in Three Dimensions. Frontiers in Forests and Global Change, 2019, 2, . | 2.3 | 38 |
| 18 | Using the NOAA Advanced Very High Resolution Radiometer to characterise temporal and spatial trends in water temperature of large European lakes. Remote Sensing of Environment, 2012, 126, 1-11. | 11.0 | 33 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Exploring temporality in socio-ecological resilience through experiences of the 2015â€"16 El NiÃ±o across the Tropics. Global Environmental Change, 2019, 55, 1-14. | 7.8 | 30 |
| 20 | Hyperspectral indices for characterizing upland peat composition. International Journal of Remote Sensing, 2004, 25, 313-325. | 2.9 | 27 |
| 21 | Three decades of post-logging tree community recovery in naturally regenerating and actively restored dipterocarp forest in Borneo. Forest Ecology and Management, 2021, 488, 119036. | 3.2 | 24 |
| 22 | Artificial neural networks for mapping regionalâ€scale upland vegetation from high spatial resolution imagery. International Journal of Remote Sensing, 2006, 27, 2177-2195. | 2.9 | 21 |
| 23 | Evaluating the spatial transferability and temporal repeatability of remote-sensing-based lake water quality retrieval algorithms at the European scale: a meta-analysis approach. International Journal of Remote Sensing, 2015, 36, 2995-3023. | 2.9 | 19 |
| 24 | Selection of a network of large lakes and reservoirs suitable for global environmental change analysis using Earth Observation. International Journal of Remote Sensing, 2016, 37, 3042-3060. | 2.9 | 18 |
| 25 | Changes in leaf functional traits of rainforest canopy trees associated with an El NiÃ±o event in Borneo. Environmental Research Letters, 2019, 14, 085005. | 5.2 | 18 |
| 26 | Evaluating uncertain flood inundation predictions with uncertain remotely sensed water stages. International Journal of River Basin Management, 2008, 6, 187-199. | 2.7 | 17 |
| 27 | Assessing the utility of geospatial technologies to investigate environmental change within lake systems. Science of the Total Environment, 2016, 543, 791-806. | 8.0 | 15 |
| 28 | Evaluating Neural Networks and Evidence Pooling for Land Cover Mapping. Photogrammetric Engineering and Remote Sensing, 2008, 74, 1019-1032. | 0.6 | 11 |
| 29 | Estimating Foliar Nitrogen Concentration of Heather (Calluna vulgaris) from Field and Laboratory Spectra. Water, Air, and Soil Pollution, 2008, 194, 57-66. | 2.4 | 10 |
| 30 | Remote sensing liana infestation in an aseasonal tropical forest: addressing mismatch in spatial units of analyses. Remote Sensing in Ecology and Conservation, 2021, 7, 397-410. | 4.3 | 8 |
| 31 | Ann Based Robust LULC Classification Technique Using Spectral, Texture and Elevation Data. Journal of the Indian Society of Remote Sensing, 2013, 41, 477-486. | 2.4 | 7 |
| 32 | The role of remote sensing in the development of SMART indicators for ecosystem services assessment. Biodiversity, 2016, 17, 136-148. | 1.1 | 5 |
| 33 | Spectral and Growth Characteristics of Willows and Maize in Soil Contaminated with a Layer of Crude or Refined Oil. Remote Sensing, 2021, 13, 3376. | 4.0 | 5 |
| 34 | Determining the extent and spectral separability of industrially despoiled land in South Wales from satellite sensor data. Land Degradation and Development, 1993, 4, 167-178. | 3.9 | 4 |
| 35 | Remote sensing of biodiversity: using neural networks to estimate the diversity and composition of a Bornean tropical rainforest from Landsat TM data. , 0, , . | | 2 |
| 36 | Estimating muddy intertidal flat slopes under varied coastal morphology using sequential satellite data and spatial analysis. Estuarine, Coastal and Shelf Science, 2021, 251, 107183. | 2.1 | 2 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------| 
| 37 | Retrieval of Tidal Flat Elevation Based on Remotely Sensed Moisture Approach. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 5357-5370. | 4.9 | 2 |
| 38 | An Evaluation of Wind Turbine-Induced Topographic Change in the Offshore Intertidal Sandbank Using Remote Sensing-Constructed Digital Elevation Model Data. Remote Sensing, 2022, 14, 2255. | 4.0 | 1 |