

# Eli K Melaas

## 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.

21 papers	1,552 citations	19 h-index	22 g-index
22 ext. papers	1,927 ext. citations	7.1 avg, IF	4.97 L-index

#	Paper	IF	Citations
21	Continental-scale land surface phenology from harmonized Landsat 8 and Sentinel-2 imagery. <i>Remote Sensing of Environment</i> , <b>2020</b> , 240, 111685	13.2	114
20	Long-term continuity in land surface phenology measurements: A comparative assessment of the MODIS land cover dynamics and VIIRS land surface phenology products. <i>Remote Sensing of Environment</i> , <b>2019</b> , 226, 74-92	13.2	31
19	An Empirical Assessment of the MODIS Land Cover Dynamics and TIMESAT Land Surface Phenology Algorithms. <i>Remote Sensing</i> , <b>2019</b> , 11, 2201	5	20
18	Monitoring crop phenology using a smartphone based near-surface remote sensing approach. <i>Agricultural and Forest Meteorology</i> , <b>2019</b> , 265, 327-337	5.8	49
17	An integrated phenology modelling framework in r. <i>Methods in Ecology and Evolution</i> , <b>2018</b> , 9, 1276-1285	7.7	73
16	Herbarium specimens show patterns of fruiting phenology in native and invasive plant species across New England. <i>American Journal of Botany</i> , <b>2018</b> , 105, 31-41	2.7	19
15	Multidecadal Changes and Interannual Variation in Springtime Phenology of North American Temperate and Boreal Deciduous Forests. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 2679-2687	4.9	27
14	Tracking vegetation phenology across diverse North American biomes using PhenoCam imagery. <i>Scientific Data</i> , <b>2018</b> , 5, 180028	8.2	187
13	Fine-scale perspectives on landscape phenology from unmanned aerial vehicle (UAV) photography. <i>Agricultural and Forest Meteorology</i> , <b>2018</b> , 248, 397-407	5.8	70
12	A Method for Robust Estimation of Vegetation Seasonality from Landsat and Sentinel-2 Time Series Data. <i>Remote Sensing</i> , <b>2018</b> , 10, 635	5	66
11	Interactions between urban vegetation and surface urban heat islands: a case study in the Boston metropolitan region. <i>Environmental Research Letters</i> , <b>2016</b> , 11, 054020	6.2	57
10	A new seasonal-deciduous spring phenology submodel in the Community Land Model 4.5: impacts on carbon and water cycling under future climate scenarios. <i>Global Change Biology</i> , <b>2016</b> , 22, 3675-3688	11.4	43
9	Using VIIRS Day/Night Band to Measure Electricity Supply Reliability: Preliminary Results from Maharashtra, India. <i>Remote Sensing</i> , <b>2016</b> , 8, 711	5	24
8	Multiscale modeling of spring phenology across Deciduous Forests in the Eastern United States. <i>Global Change Biology</i> , <b>2016</b> , 22, 792-805	11.4	68
7	Multisite analysis of land surface phenology in North American temperate and boreal deciduous forests from Landsat. <i>Remote Sensing of Environment</i> , <b>2016</b> , 186, 452-464	13.2	88
6	Determining past leaf-out times of New England's deciduous forests from herbarium specimens. <i>American Journal of Botany</i> , <b>2014</b> , 101, 1293-300	2.7	36
5	Blue Hill Observatory Sunshine: Assessment of Climate Signals in the Longest Continuous Meteorological Record in North America. <i>Bulletin of the American Meteorological Society</i> , <b>2014</b> , 95, 1741-1751	6.1	19

4	Evaluating remote sensing of deciduous forest phenology at multiple spatial scales using PhenoCam imagery. <i>Biogeosciences</i> , <b>2014</b> , 11, 4305-4320	4.6	189
3	A tale of two springs: using recent climate anomalies to characterize the sensitivity of temperate forest phenology to climate change. <i>Environmental Research Letters</i> , <b>2014</b> , 9, 054006	6.2	67
2	Using FLUXNET data to improve models of springtime vegetation activity onset in forest ecosystems. <i>Agricultural and Forest Meteorology</i> , <b>2013</b> , 171-172, 46-56	5.8	79
1	Detecting interannual variation in deciduous broadleaf forest phenology using Landsat TM/ETM + data. <i>Remote Sensing of Environment</i> , <b>2013</b> , 132, 176-185	13.2	226