Sharolyn Anderson

List of Publications by Year
in descending order

55 papers	7,029 citations	218677 26 h-index	161849 54 g-index
56 all docs	56 docs citations	56 times ranked	9017 citing authors

#	Article	IF	Citations
1	Changes in the global value of ecosystem services. Global Environmental Change, 2014, 26, 152-158.	7.8	4,101
2	The Value of Coastal Wetlands for Hurricane Protection. Ambio, 2008, 37, 241-248.	5.5	528
3	A review of methods, data, and models to assess changes in the value of ecosystem services from land degradation and restoration. Ecological Modelling, 2016, 319, 190-207.	2.5	247
4	The ecological economics of land degradation: Impacts on ecosystem service values. Ecological Economics, 2016, 129, 182-192.	5.7	226
5	The future value of ecosystem services: Global scenarios and national implications. Ecosystem Services, 2017, 26, 289-301.	5.4	204
6	The Night Light Development Index (NLDI): a spatially explicit measure of human development from satellite data. Social Geography, 2012, 7, 23-35.	0.5	168
7	Using Nighttime Satellite Imagery as a Proxy Measure of Human Well-Being. Sustainability, 2013, 5, 4988-5019.	3.2	139
8	High Spatial Resolution WorldView-2 Imagery for Mapping NDVI and Its Relationship to Temporal Urban Landscape Evapotranspiration Factors. Remote Sensing, 2014, 6, 580-602.	4.0	114
9	Estimation of Mexicoâ€™s Informal Economy and Remittances Using Nighttime Imagery. Remote Sensing, 2009, 1, 418-444.	4.0	106
10	Supporting Global Environmental Change Research: A Review of Trends and Knowledge Gaps in Urban Remote Sensing. Remote Sensing, 2014, 6, 3879-3905.	4.0	85
11	Going beyond Gross Domestic Product as an indicator to bring coherence to the Sustainable Development Goals. Journal of Cleaner Production, 2020, 248, 119232.	9.3	83
12	Characterizing relationships between population density and nighttime imagery for Denver, Colorado: issues of scale and representation. International Journal of Remote Sensing, 2010, 31, 5733-5746.	2.9	62
13	Paving the planet: impervious surface as proxy measure of the human ecological footprint. Progress in Physical Geography, 2009, 33, 510-527.	3.2	61
14	Emergy and ecosystem services: A national biogeographical assessment. Ecosystem Services, 2014, 7, 152-159.	5.4	48
15	Holistic valuation of urban ecosystem services in New York City's Central Park. Ecosystem Services, 2016, 19, 87-91.	5.4	48
16	Variation of Individual Location Radiance in VIIRS DNB Monthly Composite Images. Remote Sensing, 2018, 10, 1964.	4.0	44
17	The global value of coastal wetlands for storm protection. Global Environmental Change, 2021, 70, 102328.	7.8	40
18	Remote sensing techniques for predicting evapotranspiration from mixed vegetated surfaces. Urban Water Journal, 2015, 12, 380-393.	2.1	39

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19	Temporal changes in artificial light exposure of marine turtle nesting areas. Global Change Biology, 2014, 20, 2437-2449.	9.5	38
20	A simplified model of all-sky artificial sky glow derived from VIIRS Day/Night band data. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 214, 133-145.	2.3	37
21	A Thermodynamic Geography: Night-Time Satellite Imagery as a Proxy Measure of Emergy. Ambio, 2014, 43, 969-979.	5.5	36
22	The real wealth of nations: Mapping and monetizing the human ecological footprint. Ecological Indicators, 2012, 16, 11-22.	6.3	35
23	Microhabitats and canopy cover moderate high summer temperatures in a fragmented Mediterranean landscape. PLoS ONE, 2017, 12, e0183106.	2.5	35
24	Soil Salinity Mapping of Urban Greenery Using Remote Sensing and Proximal Sensing Techniques; The Case of Veale Gardens within the Adelaide Parklands. Sustainability, 2018, 10, 2826.	3.2	34
25	NDVI, scale invariance and the modifiable areal unit problem: An assessment of vegetation in the Adelaide Parklands. Science of the Total Environment, 2017, 584-585, 11-18.	8.0	33
26	Ecosystem service valuations of South Africa using a variety of land cover data sources and resolutions. Ecosystem Services, 2017, 27, 173-178.	5.4	33
27	Using LiDAR to quantify topographic and bathymetric details for sea turtle nesting beaches in Florida. Remote Sensing of Environment, 2012, 125, 125-133.	11.0	31
28	It Used To Be Dark Here. Photogrammetric Engineering and Remote Sensing, 2013, 79, 287-297.	0.6	29
29	Virtual Globes: An Overview of Their History, Uses, and Future Challenges. Geography Compass, 2008, 2, 1478-1505.	2.7	26
30	Future scenarios for the value of ecosystem services in Latin America and the Caribbean to 2050. Current Research in Environmental Sustainability, 2020, 2, 100008.	3.5	25
31	Dark Times: nighttime satellite imagery as a detector of regional disparity and the geography of conflict. GIScience and Remote Sensing, 2017, 54, 118-139.	5.9	22
32	Mapping perceived wilderness to support protected areas management in the San Juan National Forest, Colorado. Forest Ecology and Management, 2008, 256, 1039-1048.	3.2	20
33	Aladdinâ€™s Magic Lamp: Active Target Calibration of the DMSP OLS. Remote Sensing, 2014, 6, 12708-12722.	4.0	19
34	Revisiting Ecosystem Services: Assessment and Valuation as Starting Points for Environmental Politics. Sustainability, 2017, 9, 1755.	3.2	19
35	Scenario planning including ecosystem services for a coastal region in South Australia. Ecosystem Services, 2018, 31, 194-207.	5.4	19
36	Changes in night sky brightness after a countywide LED retrofit. Journal of Environmental Management, 2021, 292, 112776.	7.8	19

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37	Designing and evaluating a groundwater quality Internet GIS. Applied Geography, 2014, 53, 55-65.	3.7	18
38	The Future of Ecosystem Services in Asia and the Pacific. Asia and the Pacific Policy Studies, 2016, 3, 389-404.	1.5	15
39	An ensemble approach to spaceâ€“time interpolation. International Journal of Geographical Information Science, 2010, 24, 1309-1325.	4.8	14
40	Ross River Virus and the Necessity of Multiscale, Eco-epidemiological Analyses. Journal of Infectious Diseases, 2018, 217, 807-815.	4.0	14
41	How near is near? The distance perceptions of residents of a nuclear emergency planning zone. Environmental Hazards, 2010, 9, 167-182.	2.5	13
42	Planning green space in Adelaide city: enlightenment from green space system planning of Fuzhou city (2015â€“2020). Australian Planner, 2017, 54, 126-133.	1.1	12
43	The effects of sample size on data quality in participatory mapping of past land use. Environment and Planning B: Planning and Design, 2016, 43, 681-697.	1.7	10
44	Modelling of THM formation potential and DOM removal based on drinking water catchment characteristics. Science of the Total Environment, 2018, 635, 761-768.	8.0	10
45	The value of coastal wetlands for storm protection in Australia. Ecosystem Services, 2020, 46, 101205.	5.4	10
46	Measuring the effects of morphological changes to sea turtle nesting beaches over time with LiDAR data. Journal of Sea Research, 2015, 104, 9-15.	1.6	9
47	Improving public health intervention for mosquito-borne disease: the value of geovisualization using source of infection and LandScan data. Epidemiology and Infection, 2016, 144, 3108-3119.	2.1	9
48	Building Volume Per Capita (BVPC): A Spatially Explicit Measure of Inequality Relevant to the SDGs. Frontiers in Sustainable Cities, 2020, 2, .	2.4	9
49	The VIIRS Day/Night Band: A Flicker Meter in Space?. Remote Sensing, 2022, 14, 1316.	4.0	9
50	Estimation of Mexico's informal economy using DMSP nighttime lights data. , 2009, , .		8
51	Valuing Our National Parks: An Ecological Economics Perspective. Land, 2019, 8, 54.	2.9	8
52	Using Multi-temporal Satellite Imagery to Monitor the Response of Vegetation to Drought in the Great Lakes Region. GIScience and Remote Sensing, 2005, 42, 183-199.	5.9	3
53	Wireless Mapping, GIS, and Learning about the Digital Divide: A Classroom Experience. Journal of Geography, 2008, 106, 285-295.	1.5	2
54	Evaluating the Compliance of Sea Turtle Light Ordinances in Florida Using Remote Sensing. Geography Compass, 2013, 7, 867-878.	2.7	2

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55	Geostatistical Methods for Predicting Soil Moisture Continuously in a Subalpine Basin. Photogrammetric Engineering and Remote Sensing, 2014, 80, 333-341.	0.6	1