Francisco J Escobedo

List of Publications by Year
in descending order

104	5,195	145106	104191
papers	citations	33 h-index	69 g-index

109	109	109	5517
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluating the role of spatial landscape literacy in public participation processes and opinions on environmental issues and ecosystem services. Environmental Management, 2022, 69, 244-257.	1.2	6
2	Assessing climate risk to support urban forests in a changing climate. Plants People Planet, 2022, 4, 201-213.	1.6	13
3	From Smart Urban Forests to Edible Cities: New Approaches in Urban Planning and Design. Urban Planning, 2022, 7, 131-134.	0.7	4
4	Scaling patterns of human diseases and population size in Colombia. Global Environmental Change, 2022, 75, 102546.	3.6	2
5	Analyzing socio-ecological interactions through qualitative modeling: Forest conservation and implications for sustainability in the periâ€'urban bogota (Colombia). Ecological Modelling, 2021, 439, 109344.	1.2	5
6	Urban expansion into native forests in Patagonia, Argentina: assessing stakeholdersâ€™ perceptions regarding spatial planning. Journal of Environmental Planning and Management, 2021, 64, 774-795.	2.4	4
7	Understanding Urban Regulating Ecosystem Services in the Global South. Cities and Nature, 2021, , 227-244.	0.6	12
8	A global horizon scan of the future impacts of robotics and autonomous systems on urban ecosystems. Nature Ecology and Evolution, 2021, 5, 219-230.	3.4	39
9	Using phylogenetic diversity to explore the socioeconomic and ecological drivers of a tropical, coastal urban forest. Urban Forestry and Urban Greening, 2021, 61, 127111.	2.3	6
10	Community-Based Importance and Quantification of Ecosystem Services, Disservices, Drivers, and Neotropical Dry Forests in a Rural Colombian Municipality. Forests, 2021, 12, 919.	0.9	3
11	Recognizing the insurance value of resilience: Evidence from a forest restoration policy in the southeastern U.S.. Journal of Environmental Management, 2021, 289, 112442.	3.8	3
12	Heterogeneous preferences and economic values for urban forest structural and functional attributes. Landscape and Urban Planning, 2021, 215, 104234.	3.4	14
13	Panthera Onca Corridors: A Spatially Explicit Analysis of Habitat Change Drivers and Potential Conservation Areas in the Bajo Magdalena, Colombia. TrilogÃa Ciencia TecnologÃa Sociedad, 2021, 13, 89-107.	0.1	0
14	Governance, Natureâ€™s Contributions to People, and Investing in Conservation Influence the Valuation of Urban Green Areas. Land, 2021, 10, 14.	1.2	11
15	Incentivizing sustainable rangeland practices and policies in Colombiaâ€™s Orinoco region. Land Use Policy, 2020, 95, 104203.	2.5	9
16	Trends in Urban Forestry Research in Latin America & The Caribbean: A Systematic Literature Review and Synthesis. Urban Forestry and Urban Greening, 2020, 47, 126544.	2.3	34
17	Perception of conservation strategies and natureâ€™s contributions to people around Chingaza National Natural Park, Colombia. Environmental Conservation, 2020, 47, 158-165.	0.7	3
18	Public Preferences and Willingness to Pay for Invasive Forest Pest Prevention Programs in Urban Areas. Forests, 2020, 11, 1056.	0.9	5

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19	Socio-ecological assessment of threats to semi-arid rangeland habitat in Iran using spatial models and actor group opinions. Journal of Arid Environments, 2020, 177, 104136.	1.2	13
20	Total urban tree carbon storage and waste management emissions estimated using a combination of LiDAR, field measurements and an end-of-life wood approach. Journal of Cleaner Production, 2020, 256, 120420.	4.6	33
21	Spatial literacy influences stakeholderâ€™s recognition and mapping of peri-urban and urban ecosystem services. Urban Ecosystems, 2020, 23, 1039-1049.	1.1	15
22	CartografÃa del uso del suelo en la subcuenca Huaquechula, Puebla, MÃ©xico, con un Ãndice combinado de imÁ¡genes de satÃ©lite. Investigaciones GeogrÃ¡ficas, 2020, , .	0.0	0
23	Exploring the dynamics of migration, armed conflict, urbanization, and anthropogenic change in Colombia. PLoS ONE, 2020, 15, e0242266.	1.1	10
24	Spatio-temporal and cumulative effects of land use-land cover and climate change on two ecosystem services in the Colombian Andes. Science of the Total Environment, 2019, 685, 1181-1192.	3.9	118
25	Measuring Multi-Scale Urban Forest Carbon Flux Dynamics Using an Integrated Eddy Covariance Technique. Sustainability, 2019, 11, 4335.	1.6	6
26	Exploring management objectives and ecosystem service trade-offs in a semi-arid rangeland basin in southeast Iran. Ecological Indicators, 2019, 98, 794-803.	2.6	25
27	Urban ecosystem Services in Latin America: mismatch between global concepts and regional realities?. Urban Ecosystems, 2019, 22, 173-187.	1.1	90
28	Urban forests, ecosystem services, green infrastructure and nature-based solutions: Nexus or evolving metaphors?. Urban Forestry and Urban Greening, 2019, 37, 3-12.	2.3	263
29	Risk Assessment and Risk Perception of Trees: A Review of Literature Relating to Arboriculture and Urban Forestry. Arboriculture and Urban Forestry, 2019, 45, .	0.2	13
30	Consumer demand for urban forest ecosystem services and disservices: Examining trade-offs using choice experiments and best-worst scaling. Ecosystem Services, 2018, 29, 31-39.	2.3	49
31	Exploring stand and tree variability in mixed Nothofagus second-growth forests through multivariate analyses. Bosque, 2018, 39, 397-410.	0.1	3
32	Assessing methods for comparing species diversity from disparate data sources: the case of urban and periâ€urban forests. Ecosphere, 2018, 9, e02450.	1.0	7
33	Trees and Crime in Bogota, Colombia: Is the link an ecosystem disservice or service?. Land Use Policy, 2018, 78, 583-592.	2.5	31
34	Socioeconomic and ecological perceptions and barriers to urban tree distribution and reforestation programs. Urban Ecosystems, 2018, 21, 657-671.	1.1	19
35	Comparing convenience and probability sampling for urban ecology applications. Journal of Applied Ecology, 2018, 55, 2332-2342.	1.9	35
36	An ecosystem service-disservice ratio: Using composite indicators to assess the net benefits of urban trees. Ecological Indicators, 2018, 95, 544-553.	2.6	38

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37	Free satellite data key to conservation. Science, 2018, 361, 139-140.	6.0	7
38	Spatially-explicit modeling of multi-scale drivers of aboveground forest biomass and water yield in watersheds of the Southeastern United States. Journal of Environmental Management, 2017, 199, 158-171.	3.8	42
39	Edible green infrastructure: An approach and review of provisioning ecosystem services and disservices in urban environments. Agriculture, Ecosystems and Environment, 2017, 242, 53-66.	2.5	164
40	Enhanced production of compost from Andean wetland biomass using a bioreactor and photovoltaic system. Biomass and Bioenergy, 2017, 106, 21-28.	2.9	3
41	What Causal Drivers Influence Carbon Storage in Shanghai, Chinaâ€™s Urban and Peri-Urban Forests?. Sustainability, 2017, 9, 577.	1.6	12
42	Does â€œGreeningâ€•of Neotropical Cities Considerably Mitigate Carbon Dioxide Emissions? The Case of Medellin, Colombia. Sustainability, 2017, 9, 785.	1.6	33
43	Individual-Tree Diameter Growth Models for Mixed Nothofagus Second Growth Forests in Southern Chile. Forests, 2017, 8, 506.	0.9	13
44	FÃ³rmula para la valoraciÃ³n monetaria del Ã¡rbol urbano en Chile central. Bosque, 2017, 38, 67-78.	0.1	0
45	Carbon Stocks on Forest Stewardship Program and Adjacent Lands. Edis, 2017, 2017, 7.	0.0	0
46	How Do Urban Forests Compare? Tree Diversity in Urban and Periurban Forests of the Southeastern US. Forests, 2016, 7, 120.	0.9	39
47	Spatio-Temporal Changes in Structure for a Mediterranean Urban Forest: Santiago, Chile 2002 to 2014. Forests, 2016, 7, 121.	0.9	22
48	The Biodiversity of Urban and Peri-Urban Forests and the Diverse Ecosystem Services They Provide as Socio-Ecological Systems. Forests, 2016, 7, 291.	0.9	29
49	Estimating Aboveground Biomass and Carbon Stocks in Periurban Andean Secondary Forests Using Very High Resolution Imagery. Forests, 2016, 7, 138.	0.9	37
50	Does policy process influence public values for forest-water resource protection in Florida?. Ecological Economics, 2016, 129, 122-131.	2.9	25
51	Urbanization as a land use change driver of forest ecosystem services. Land Use Policy, 2016, 54, 188-199.	2.5	138
52	Resolving uncertainties in predictive equations for urban tree crown characteristics of the southeastern United States: Local and general equations for common and widespread species. Urban Forestry and Urban Greening, 2016, 20, 282-294.	2.3	13
53	Relationship between perceived and actual occupancy rates in urban settings. Urban Forestry and Urban Greening, 2016, 19, 194-201.	2.3	13
54	Colombia: Dealing in conservation. Science, 2016, 354, 190-190.	6.0	20

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55	The role of urban green infrastructure in mitigating land surface temperature in Bobo-Dioulasso, Burkina Faso. Environment, Development and Sustainability, 2016, 18, 373-392.	2.7	55
56	Landowner attitudes and willingness to accept compensation from forest carbon offsets: Application of bestâ€“worst choice modeling in Florida USA. Forest Policy and Economics, 2016, 63, 35-42.	1.5	31
57	A distributional analysis of the socio-ecological and economic determinants of forest carbon stocks. Environmental Science and Policy, 2016, 60, 28-37.	2.4	3
58	Quantifying the local-scale ecosystem services provided by urban treed streetscapes in Bolzano, Italy. AIMS Environmental Science, 2016, 3, 58-76.	0.7	29
59	Transportation carbon dioxide emission offsets by public urban trees: A case study in Bolzano, Italy. Urban Forestry and Urban Greening, 2015, 14, 398-403.	2.3	24
60	The Role of Composition, Invasives, and Maintenance Emissions on Urban Forest Carbon Stocks. Environmental Management, 2015, 55, 431-442.	1.2	28
61	Classifying spatially heterogeneous wetland communities using machine learning algorithms and spectral and textural features. Environmental Monitoring and Assessment, 2015, 187, 262.	1.3	35
62	Predictors, spatial distribution, and occurrence of woody invasive plants in subtropical urban ecosystems. Journal of Environmental Management, 2015, 155, 97-105.	3.8	18
63	Socio-ecological dynamics and inequality in BogotÃ¡, Colombia's public urban forests and their ecosystem services. Urban Forestry and Urban Greening, 2015, 14, 1040-1053.	2.3	89
64	Urban forest structure effects on property value. Ecosystem Services, 2015, 12, 209-217.	2.3	61
65	Effects of urban green areas on air temperature in a medium-sized Argentinian city. AIMS Environmental Science, 2015, 2, 803-826.	0.7	18
66	The Value of Forest Conservation for Water Quality Protection. Forests, 2014, 5, 862-884.	0.9	45
67	Analyzing Trade-Offs, Synergies, and Drivers among Timber Production, Carbon Sequestration, and Water Yield in Pinus elliotii Forests in Southeastern USA. Forests, 2014, 5, 1409-1431.	0.9	68
68	The influence of subdivision design and conservation of open space on carbon storage and sequestration. Landscape and Urban Planning, 2014, 131, 64-73.	3.4	11
69	Reforestation as a novel abatement and compliance measure for ground-level ozone. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4204-13.	3.3	81
70	Assessing urban tree carbon storage and sequestration in Bolzano, Italy. International Journal of Biodiversity Science, Ecosystem Services & Management, 2014, 10, 54-70.	2.9	71
71	Analyzing the causal factors of carbon stores in a subtropical urban forest. Ecological Complexity, 2014, 20, 23-32.	1.4	26
72	Tree biomass, wood waste yield, and carbon storage changes in an urban forest. Landscape and Urban Planning, 2014, 127, 18-27.	3.4	57

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73	Woody Vegetation Composition and Structure in Peri-urban Chongming Island, China. Environmental Management, 2013, 51, 999-1011.	1.2	16
74	Analyzing fine-scale wetland composition using high resolution imagery and texture features. International Journal of Applied Earth Observation and Geoinformation, 2013, 23, 204-212.	1.4	80
75	A framework for identifying carbon hotspots and forest management drivers. Journal of Environmental Management, 2013, 114, 293-302.	3.8	37
76	Temporal dynamics of a subtropical urban forest in San Juan, Puerto Rico, 2001â€“2010. Landscape and Urban Planning, 2013, 120, 96-106.	3.4	23
77	Mapping potential carbon and timber losses from hurricanes using a decision tree and ecosystem services driver model. Journal of Environmental Management, 2013, 129, 599-607.	3.8	21
78	Cogongrass (Imperata cylindrica) Invasion and Eradication: Implications for Soil Nutrient Dynamics in a Longleaf Pine Sandhill Ecosystem. Invasive Plant Science and Management, 2013, 6, 433-443.	0.5	4
79	Predicting Understory Species Richness from Stand and Management Characteristics Using Regression Trees. Forests, 2013, 4, 122-136.	0.9	8
80	Land Use Change in Central Florida and Sensitivity Analysis Based on Agriculture to Urban Extreme Conversion. Weather, Climate, and Society, 2012, 4, 200-211.	0.5	8
81	Community Leader Perceptions and Attitudes toward Coastal Urban Forests and Hurricanes in Florida. Southern Journal of Applied Forestry, 2012, 36, 152-158.	0.4	16
82	Socioeconomic Factors and Urban Tree Cover Policies in a Subtropical Urban Forest. GIScience and Remote Sensing, 2012, 49, 428-449.	2.4	41
83	Analyzing growth and mortality in a subtropical urban forest ecosystem. Landscape and Urban Planning, 2012, 104, 85-94.	3.4	50
84	A tool for rapid post-hurricane urban tree debris estimates using high resolution aerial imagery. International Journal of Applied Earth Observation and Geoinformation, 2012, 18, 548-556.	1.4	23
85	Anthropogenic effects on the physical and chemical properties of subtropical coastal urban soils. Soil Use and Management, 2012, 28, 78-88.	2.6	20
86	The role of a peri-urban forest on air quality improvement in the Mexico City megalopolis. Environmental Pollution, 2012, 163, 174-183.	3.7	98
87	Environmental Justice Implications of Urban Tree Cover in Miami-Dade County, Florida. Environmental Justice, 2011, 4, 125-134.	0.8	72
88	A framework for developing urban forest ecosystem services and goods indicators. Landscape and Urban Planning, 2011, 99, 196-206.	3.4	304
89	Modeling hurricane-caused urban forest debris in Houston, Texas. Landscape and Urban Planning, 2011, 101, 286-297.	3.4	26
90	Above ground biomass and leaf area models based on a non destructive method for urban trees of two communes in Central Chile. Bosque, 2011, 32, 287-296.	0.1	15

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91	Urban forests and pollution mitigation: Analyzing ecosystem services and disservices. Environmental Pollution, 2011, 159, 2078-2087.	3.7	812
92	Rapid Assessment of Change and Hurricane Impacts to Houstonâ€™s Urban Forest Structure. Arboriculture and Urban Forestry, 2011, 37, 60-66.	0.2	24
93	Impacts of urban forests on offsetting carbon emissions from industrial energy use in Hangzhou, China. Journal of Environmental Management, 2010, 91, 807-813.	3.8	164
94	Analyzing the efficacy of subtropical urban forests in offsetting carbon emissions from cities. Environmental Science and Policy, 2010, 13, 362-372.	2.4	176
95	A community-based urban forest inventory using online mapping services and consumer-grade digital images. International Journal of Applied Earth Observation and Geoinformation, 2010, 12, 249-260.	1.4	29
96	Spatial patterns of a subtropical, coastal urban forest: Implications for land tenure, hurricanes, and invasives. Urban Forestry and Urban Greening, 2010, 9, 205-214.	2.3	27
97	Technical Note: Patterns of Urban Forest Debris from the 2004 and 2005 Florida Hurricane Seasons. Southern Journal of Applied Forestry, 2009, 33, 193-196.	0.4	13
98	Spatial heterogeneity and air pollution removal by an urban forest. Landscape and Urban Planning, 2009, 90, 102-110.	3.4	385
99	Hurricane Debris and Damage Assessment for Florida Urban Forests. Arboriculture and Urban Forestry, 2009, 35, 100-106.	0.2	27
100	Analyzing the cost effectiveness of Santiago, Chile's policy of using urban forests to improve air quality. Journal of Environmental Management, 2008, 86, 148-157.	3.8	224
101	Community Leaders' Perceptions of Urban Forests in Hillsborough County, Florida. Edis, 2008, 2008, .	0.0	3
102	The socioeconomics and management of Santiago de Chile's public urban forests. Urban Forestry and Urban Greening, 2006, 4, 105-114.	2.3	99
103	VEGETATION DIVERSITY IN THE SANTIAGO DE CHILE URBAN ECOSYSTEM. Arboricultural Journal, 2002, 26, 347-357.	0.3	44
104	Economic Aspects and Issues Along an Urban-Rural Gradient. , 0, , 165-183.		2