

# Vivek Shandas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10982184/publications.pdf>

Version: 2024-02-01

44  
papers

2,276  
citations

257450

24  
h-index

276875

41  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2459  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial configuration and time of day impact the magnitude of urban tree canopy cooling. Environmental Research Letters, 2021, 16, 084028.	5.2	26
2	Integrating Diverse Perspectives for Managing Neighborhood Trees and Urban Ecosystem Services in Portland, OR (US). Land, 2021, 10, 48.	2.9	8
3	Towards the implementation of green stormwater infrastructure: perspectives from municipal managers in the Pacific Northwest. Journal of Environmental Planning and Management, 2020, 63, 959-980.	4.5	13
4	Urban Form and Variation in Temperatures. SpringerBriefs in Environmental Science, 2020, , 51-73.	0.3	2
5	A community-engaged approach to transdisciplinary doctoral training in urban ecosystem services. Sustainability Science, 2020, 15, 699-715.	4.9	13
6	The Effects of Historical Housing Policies on Resident Exposure to Intra-Urban Heat: A Study of 108 US Urban Areas. Climate, 2020, 8, 12.	2.8	344
7	Integrating Satellite and Ground Measurements for Predicting Locations of Extreme Urban Heat. Climate, 2019, 7, 5.	2.8	58
8	Nature-Based Designs to Mitigate Urban Heat: The Efficacy of Green Infrastructure Treatments in Portland, Oregon. Atmosphere, 2019, 10, 282.	2.3	38
9	A Comparison of Neighborhood-Scale Interventions to Alleviate Urban Heat in Doha, Qatar. Sustainability, 2019, 11, 730.	3.2	7
10	Spatial analysis of urban flooding and extreme heat hazard potential in Portland, OR. International Journal of Disaster Risk Reduction, 2019, 39, 101117.	3.9	41
11	Urban-Rural Surface Temperature Deviation and Intra-Urban Variations Contained by an Urban Growth Boundary. Remote Sensing, 2019, 11, 2683.	4.0	21
12	The role of building characteristics, demographics, and urban heat islands in shaping residential energy use. City and Environment Interactions, 2019, 3, 100021.	4.2	14
13	Analysis of urban heat in a corridor environment – The case of Doha, Qatar. Urban Climate, 2018, 24, 692-702.	5.7	17
14	Assessing Vulnerability to Urban Heat: A Study of Disproportionate Heat Exposure and Access to Refuge by Socio-Demographic Status in Portland, Oregon. International Journal of Environmental Research and Public Health, 2018, 15, 640.	2.6	121
15	Ecosystem services and U.S. stormwater planning: An approach for improving urban stormwater decisions. Environmental Science and Policy, 2018, 88, 92-103.	4.9	34
16	Environmental Stewardship. , 2018, , 1-23.		1
17	Environmental Stewardship. , 2018, , 273-295.		0
18	Towards Systematic Prediction of Urban Heat Islands: Grounding Measurements, Assessing Modeling Techniques. Climate, 2017, 5, 41.	2.8	39

#	ARTICLE	IF	CITATIONS
19	Developing High-Resolution Descriptions of Urban Heat Islands: A Public Health Imperative. Preventing Chronic Disease, 2016, 13, E129.	3.4	19
20	Daytime Variation of Urban Heat Islands: The Case Study of Doha, Qatar. Climate, 2016, 4, 32.	2.8	41
21	Integrating High-Resolution Datasets to Target Mitigation Efforts for Improving Air Quality and Public Health in Urban Neighborhoods. International Journal of Environmental Research and Public Health, 2016, 13, 790.	2.6	9
22	An Empirical Assessment of Interdisciplinarity: Perspectives from Graduate Students and Program Administrators. Innovative Higher Education, 2016, 41, 411-423.	2.5	8
23	Stressors and Strategies for Managing Urban Water Scarcity: Perspectives from the Field. Water (Switzerland), 2015, 7, 6775-6787.	2.7	14
24	Neighborhood change and the role of environmental stewardship: a case study of green infrastructure for stormwater in the City of Portland, Oregon, USA. Ecology and Society, 2015, 20, .	2.3	29
25	Assessing the relationship among urban trees, nitrogen dioxide, and respiratory health. Environmental Pollution, 2014, 194, 96-104.	7.5	73
26	Valuing green infrastructure in Portland, Oregon. Landscape and Urban Planning, 2014, 124, 14-21.	7.5	77
27	Characterizing urban ecosystem services: integrating the biophysical and social dimensions of human-dominated landscapes. , 2014, , .		0
28	Forces of Change in Doctoral Education. , 2014, , 31-42.		4
29	Vulnerability of Water Systems to the Effects of Climate Change and Urbanization: A Comparison of Phoenix, Arizona and Portland, Oregon (USA). Environmental Management, 2013, 52, 179-195.	2.7	32
30	Water Supply, Demand, and Quality Indicators for Assessing the Spatial Distribution of Water Resource Vulnerability in the Columbia River Basin. Atmosphere - Ocean, 2013, 51, 339-356.	1.6	28
31	Why Land Planners and Water Managers Don't Talk to One Another and Why They Should!. Society and Natural Resources, 2013, 26, 356-364.	1.9	58
32	The implications of climate change on residential water use: a micro-scale analysis of Portland (OR), USA. Journal of Water and Climate Change, 2012, 3, 225-238.	2.9	6
33	Valuing ecological systems and services. F1000 Biology Reports, 2011, 3, 14.	4.0	84
34	Integrating Urban Form and Demographics in Water-Demand Management: An Empirical Case Study of Portland, Oregon. Environment and Planning B: Planning and Design, 2010, 37, 112-128.	1.7	73
35	Spatial Variations of Single-Family Residential Water Consumption in Portland, Oregon. Urban Geography, 2010, 31, 953-972.	3.0	95
36	Innovation and Climate Action Planning. Journal of the American Planning Association, 2010, 76, 435-450.	1.7	206

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37	Using best available science to protect critical areas in Washington state: challenges and barriers to planners. <i>Urban Ecosystems</i> , 2009, 12, 157-175.	2.4	9
38	Exploring the role of vegetation fragmentation on aquatic conditions: Linking upland with riparian areas in Puget Sound lowland streams. <i>Landscape and Urban Planning</i> , 2009, 90, 66-75.	7.5	52
39	Rates of urbanisation and the resiliency of air and water quality. <i>Science of the Total Environment</i> , 2008, 400, 238-256.	8.0	176
40	Fostering Green Communities Through Civic Engagement: Community-Based Environmental Stewardship in the Portland Area. <i>Journal of the American Planning Association</i> , 2008, 74, 408-418.	1.7	149
41	Incorporating ecosystem-based management into urban environmental policy: a case study from western Washington. <i>Journal of Environmental Planning and Management</i> , 2008, 51, 647-662.	4.5	9
42	An Empirical Study of Streamside Landowners' Interest in Riparian Conservation. <i>Journal of the American Planning Association</i> , 2007, 73, 173-184.	1.7	24
43	A Rough Guide to Interdisciplinarity: Graduate Student Perspectives. <i>BioScience</i> , 2006, 56, 757.	4.9	108
44	Incorporating Science into the Environmental Policy Process: a Case Study from Washington State. <i>Ecology and Society</i> , 2005, 10, .	2.3	27