

# Brent Yarnal

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

3,227  
citations

201674

27  
h-index

206112

48  
g-index

51  
all docs

51  
docs citations

51  
times ranked

3104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vulnerability of families and households to natural hazards: A case study of storm surge flooding in Sarasota County, Florida. <i>Applied Geography</i> , 2016, 76, 184-197.	3.7	32
2	Climate extremes in the United States: recent research by physical geographers. <i>Physical Geography</i> , 2014, 35, 3-21.	1.4	9
3	A support system for assessing local vulnerability to weather and climate. <i>Natural Hazards</i> , 2013, 65, 999-1008.	3.4	23
4	The Participatory Vulnerability Scoping Diagram: Deliberative Risk Ranking for Community Water Systems. <i>Annals of the American Association of Geographers</i> , 2013, 103, 343-352.	3.0	20
5	The vulnerability of the elderly to hurricane hazards in Sarasota, Florida. <i>Natural Hazards</i> , 2012, 63, 349-373.	3.4	64
6	A geographic approach to facilitating local climate governance: From emissions inventories to mitigation planning. <i>Applied Geography</i> , 2012, 34, 76-85.	3.7	19
7	Putting adaptive capacity into the context of people's lives: a case study of two flood-prone communities in Puerto Rico. <i>Natural Hazards</i> , 2010, 52, 277-297.	3.4	71
8	Influence of potential sea level rise on societal vulnerability to hurricane storm-surge hazards, Sarasota County, Florida. <i>Applied Geography</i> , 2010, 30, 490-505.	3.7	131
9	Stakeholder perspectives on land-use strategies for adapting to climate-change-enhanced coastal hazards: Sarasota, Florida. <i>Applied Geography</i> , 2010, 30, 506-517.	3.7	76
10	Current and Future Vulnerability of Sarasota County, Florida, to Hurricane Storm Surge and Sea Level Rise. , 2008, , .		2
11	Teaching Global Change in Local Places: The HERO Research Experiences for Undergraduates Program. <i>Journal of Geography in Higher Education</i> , 2007, 31, 413-426.	2.6	17
12	Universities and Climate Change Mitigation: Advancing Grassroots Climate Policy in the US. <i>Local Environment</i> , 2007, 12, 485-504.	2.4	43
13	Why worry? Community water system managers' perceptions of climate vulnerability. <i>Global Environmental Change</i> , 2007, 17, 228-237.	7.8	44
14	Building comparable global change vulnerability assessments: The vulnerability scoping diagram. <i>Global Environmental Change</i> , 2007, 17, 472-485.	7.8	424
15	Vulnerability and all that jazz: Addressing vulnerability in New Orleans after Hurricane Katrina. <i>Technology in Society</i> , 2007, 29, 249-255.	9.4	42
16	Vulnerability of Hampton Roads, Virginia to Storm-Surge Flooding and Sea-Level Rise. <i>Natural Hazards</i> , 2007, 40, 43-70.	3.4	185
17	Building a geocollaboratory: Supporting Human-Environment Regional Observatory (HERO) collaborative science activities. <i>Computers, Environment and Urban Systems</i> , 2006, 30, 201-225.	7.1	42
18	A Method for Constructing a Social Vulnerability Index: An Application to Hurricane Storm Surges in a Developed Country. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2006, 11, 741-764.	2.1	378

#	ARTICLE	IF	CITATIONS
19	Feeling at Risk Matters: Water Managers and the Decision to Use Forecasts. <i>Risk Analysis</i> , 2005, 25, 1265-1275.	2.7	90
20	Retooling Collaboration: A Vision for Environmental Change Research. <i>Environment</i> , 2005, 47, 8-21.	1.4	9
21	A Greenhouse Gas Emissions Inventory for Pennsylvania. <i>Journal of the Air and Waste Management Association</i> , 2005, 55, 1122-1133.	1.9	11
22	The Impact of Local versus National Framing on Willingness to Reduce Greenhouse Gas Emissions: A case study from central Pennsylvania. <i>Local Environment</i> , 2003, 8, 457-469.	2.4	18
23	Scale Interactions and Regional Climate: Examples from the Susquehanna River Basin. <i>Human and Ecological Risk Assessment (HERA)</i> , 2002, 8, 147-158.	3.4	14
24	Who Wants to Reduce Greenhouse Gas Emissions?. <i>Social Science Quarterly</i> , 2002, 83, 1-17.	1.6	227
25	Developments and prospects in synoptic climatology. <i>International Journal of Climatology</i> , 2001, 21, 1923-1950.	3.5	252
26	WEATHER AND CLIMATE EXTREMES, CLIMATE CHANGE, AND PLANNING: Views of Community Water System Managers in Pennsylvania's Susquehanna River Basin. <i>Journal of the American Water Resources Association</i> , 1999, 35, 1411-1419.	2.4	25
27	Changing places, changing emissions: The cross-scale reliability of greenhouse gas emission inventories in the US. <i>Local Environment</i> , 1998, 3, 247-262.	2.4	18
28	USING SYNOPTIC CLIMATOLOGY TO DEFINE REPRESENTATIVE DISCHARGE EVENTS. <i>International Journal of Climatology</i> , 1997, 17, 323-341.	3.5	27
29	A procedure for blending manual and correlation-based synoptic classifications. <i>International Journal of Climatology</i> , 1997, 17, 1381-1396.	3.5	46
30	Socio-economic Restructuring and Vulnerability to Environmental Hazards in Bulgaria. <i>Disasters</i> , 1994, 18, 95-106.	2.2	4
31	Decollectivization of Bulgarian agriculture. <i>Land Use Policy</i> , 1994, 11, 67-70.	5.6	5
32	Agricultural decollectivization and vulnerability to environmental change. <i>Global Environmental Change</i> , 1994, 4, 229-243.	7.8	10
33	Relationships between synoptic-scale atmospheric circulation and ozone concentrations in Metropolitan Pittsburgh, Pennsylvania. <i>Atmospheric Environment Part B Urban Atmosphere</i> , 1992, 26, 301-312.	0.5	84
34	Climate regionalization and rotation of principal components. <i>International Journal of Climatology</i> , 1991, 11, 1-25.	3.5	164
35	A satellite-derived climatology of polar-low evolution in the North Pacific. <i>International Journal of Climatology</i> , 1989, 9, 551-566.	3.5	19
36	Subjectivity in a computer-assisted synoptic climatology II: Relationships to surface climate. <i>Journal of Climatology</i> , 1988, 8, 227-239.	0.7	26

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37	Relationships between Interdecadal and Interannual Climatic Variations and Their Effect on Pennsylvania Climate. <i>Annals of the American Association of Geographers</i> , 1988, 78, 624-641.	3.0	69
38	A NEW CHALLENGE FOR CLIMATE STUDIES IN GEOGRAPHY. <i>Professional Geographer</i> , 1987, 39, 465-473.	1.8	9
39	Subjectivity in A computer-assisted synoptic climatology I: Classification results. <i>Journal of Climatology</i> , 1987, 7, 119-128.	0.7	42
40	Relationships between extremes of the Southern oscillation and the winter climate of the Anglo-American Pacific Coast. <i>Journal of Climatology</i> , 1986, 6, 197-219.	0.7	172
41	A 500 mb synoptic climatology of pacific north-west coast winters in relation to climatic variability, 1948-1949 to 1977-1978. <i>Journal of Climatology</i> , 1985, 5, 237-252.	0.7	27
42	Tropical teleconnections associated with El Niño/Southern Oscillation (ENSO) events. <i>Progress in Physical Geography</i> , 1985, 9, 524-558.	3.2	28
43	RIDGE REGRESSION: A TECHNIQUE FOR DEALING WITH CORRELATED PREDICTOR VARIABLES1. <i>Professional Geographer</i> , 1985, 37, 197-203.	1.8	5
44	Relationships Between Synoptic-Scale Atmospheric Circulation and Glacier Mass Balance in South-Western Canada During the International Hydrological Decade, 1965-74. <i>Journal of Glaciology</i> , 1984, 30, 188-198.	2.2	78
45	A procedure for the classification of synoptic weather maps from gridded atmospheric pressure surface data. <i>Computers and Geosciences</i> , 1984, 10, 397-410.	4.2	59
46	Synoptic-Scale Atmospheric Circulation over British Columbia in Relation to the Mass Balance of Sentinel Glacier. <i>Annals of the American Association of Geographers</i> , 1984, 74, 375-392.	3.0	27
47	The effect of weather map scale on the results of A synoptic climatology. <i>Journal of Climatology</i> , 1984, 4, 481-493.	0.7	23
48	Relationships Between Synoptic-Scale Atmospheric Circulation and Glacier Mass Balance in South-Western Canada During the International Hydrological Decade, 1965-74. <i>Journal of Glaciology</i> , 1984, 30, 188-198.	2.2	11
49	Comparative assessment of human-environment landscape change. , 0, , 107-136.		0
50	A diverse human-environment system: traditional agriculture, industry, and the service economy in central Pennsylvania. , 0, , 250-268.		1