

# Edwin P Maurer

## List of Publications by Year in descending order

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54  
papers

9,195  
citations

87723

38  
h-index

161609

54  
g-index

56  
all docs

56  
docs citations

56  
times ranked

7850  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent evidence for warmer and drier growing seasons in climate sensitive regions of Central America from multiple global datasets. <i>International Journal of Climatology</i> , 2022, 42, 1399-1417.	1.5	11
2	The Mesoamerican mid-summer drought: the impact of its definition on occurrences and recent changes. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 1425-1437.	1.9	5
3	Adjusting Flood Peak Frequency Changes to Account for Climate Change Impacts in the Western United States. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2018, 144, .	1.3	23
4	Climate variability and vadose zone controls on damping of transient recharge. <i>Journal of Hydrology</i> , 2018, 561, 1094-1104.	2.3	19
5	Projected twenty-first-century changes in the Central American mid-summer drought using statistically downscaled climate projections. <i>Regional Environmental Change</i> , 2017, 17, 2421-2432.	1.4	21
6	Assessing differences in snowmelt-dependent hydrologic projections using CMIP3 and CMIP5 climate forcing data for the western United States. <i>Hydrology Research</i> , 2016, 47, 483-500.	1.1	25
7	Improved Bias Correction Techniques for Hydrological Simulations of Climate Change*. <i>Journal of Hydrometeorology</i> , 2015, 16, 2421-2442.	0.7	220
8	Probabilistic estimates of future changes in California temperature and precipitation using statistical and dynamical downscaling. <i>Climate Dynamics</i> , 2013, 40, 839-856.	1.7	136
9	Increases in flood magnitudes in California under warming climates. <i>Journal of Hydrology</i> , 2013, 501, 101-110.	2.3	98
10	Snowpack and runoff response to climate change in Owens Valley and Mono Lake watersheds. <i>Climatic Change</i> , 2013, 116, 97-109.	1.7	21
11	Effects of projected climate change on the hydrology in the Mono Lake Basin, California. <i>Climatic Change</i> , 2013, 116, 111-131.	1.7	60
12	The Key Role of Heavy Precipitation Events in Climate Model Disagreements of Future Annual Precipitation Changes in California. <i>Journal of Climate</i> , 2013, 26, 5879-5896.	1.2	93
13	Using a Gridded Global Dataset to Characterize Regional Hydroclimate in Central Chile. <i>Journal of Hydrometeorology</i> , 2013, 14, 251-265.	0.7	21
14	Effects of climate change on stream temperature, dissolved oxygen, and sediment concentration in the Sierra Nevada in California. <i>Water Resources Research</i> , 2013, 49, 2765-2782.	1.7	129
15	A Long-Term Hydrologically Based Dataset of Land Surface Fluxes and States for the Conterminous United States: Update and Extensions. <i>Journal of Climate</i> , 2013, 26, 9384-9392.	1.2	499
16	Errors in climate model daily precipitation and temperature output: time invariance and implications for bias correction. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 2147-2159.	1.9	41
17	Climate Change Impacts on Streamflow and Subbasin-Scale Hydrology in the Upper Colorado River Basin. <i>PLoS ONE</i> , 2013, 8, e71297.	1.1	108
18	Tools for Assessing Climate Impacts on Fish and Wildlife. <i>Journal of Fish and Wildlife Management</i> , 2013, 4, 220-241.	0.4	10

#	ARTICLE	IF	CITATIONS
19	Development and application of a hydroclimatological stream temperature model within the Soil and Water Assessment Tool. <i>Water Resources Research</i> , 2012, 48, .	1.7	89
20	Projections of 21st Century Sierra Nevada Local Hydrologic Flow Components Using an Ensemble of General Circulation Models <sup>1</sup> . <i>Journal of the American Water Resources Association</i> , 2012, 48, 1104-1125.	1.0	30
21	Projecting Water Withdrawal and Supply for Future Decades in the U.S. under Climate Change Scenarios. <i>Environmental Science &amp; Technology</i> , 2012, 46, 2545-2556.	4.6	139
22	Technical Note: Bias correcting climate model simulated daily temperature extremes with quantile mapping. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 3309-3314.	1.9	405
23	Contrasting Lumped and Distributed Hydrology Models for Estimating Climate Change Impacts on California Watersheds <sup>1</sup> . <i>Journal of the American Water Resources Association</i> , 2010, 46, 1024-1035.	1.0	47
24	The utility of daily large-scale climate data in the assessment of climate change impacts on daily streamflow in California. <i>Hydrology and Earth System Sciences</i> , 2010, 14, 1125-1138.	1.9	294
25	Basin-scale water system operations with uncertain future climate conditions: Methodology and case studies. <i>Water Resources Research</i> , 2010, 46, .	1.7	58
26	Ecosystem adaptation to climate change: Small mammal migration pathways in the Great Lakes states. <i>Journal of Great Lakes Research</i> , 2010, 36, 86-93.	0.8	10
27	Observed 1970-2005 Cooling of Summer Daytime Temperatures in Coastal California. <i>Journal of Climate</i> , 2009, 22, 3558-3573.	1.2	79
28	Assessing reservoir operations risk under climate change. <i>Water Resources Research</i> , 2009, 45, .	1.7	149
29	Projected climate-induced faunal change in the Western Hemisphere. <i>Ecology</i> , 2009, 90, 588-597.	1.5	349
30	Applied Climate-Change Analysis: The Climate Wizard Tool. <i>PLoS ONE</i> , 2009, 4, e8320.	1.1	153
31	Climate change scenarios for the California region. <i>Climatic Change</i> , 2008, 87, 21-42.	1.7	483
32	Significance of model credibility in estimating climate projection distributions for regional hydroclimatological risk assessments. <i>Climatic Change</i> , 2008, 89, 371-394.	1.7	128
33	Regional climate change projections for the Northeast USA. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2008, 13, 425-436.	1.0	219
34	Utility of daily vs. monthly large-scale climate data: an intercomparison of two statistical downscaling methods. <i>Hydrology and Earth System Sciences</i> , 2008, 12, 551-563.	1.9	418
35	Detection, attribution, and sensitivity of trends toward earlier streamflow in the Sierra Nevada. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	88
36	Fine-resolution climate projections enhance regional climate change impact studies. <i>Eos</i> , 2007, 88, 504-504.	0.1	402

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37	The Sensitivity of California Water Resources to Climate Change Scenarios. Journal of the American Water Resources Association, 2007, 43, 482-498.	1.0	123
38	Uncertainty in hydrologic impacts of climate change in the Sierra Nevada, California, under two emissions scenarios. Climatic Change, 2007, 82, 309-325.	1.7	338
39	A spatially distributed model for the dynamic prediction of sediment erosion and transport in mountainous forested watersheds. Water Resources Research, 2006, 42, .	1.7	51
40	Amplification of streamflow impacts of El Niño by increased atmospheric greenhouse gases. Geophysical Research Letters, 2006, 33, .	1.5	1
41	Using Radar Data to Partition Precipitation into Rain and Snow in a Hydrologic Model. Journal of Hydrologic Engineering - ASCE, 2006, 11, 214-221.	0.8	13
42	Evaluating Uncertainty in Regional Hydrologic Impacts of Climate Change Using Different Global Models: A California Case Study. , 2005, , 1.		1
43	Detection Time for Plausible Changes in Annual Precipitation, Evapotranspiration, and Streamflow in Three Mississippi River Sub-Basins. Climatic Change, 2005, 72, 17-36.	1.7	42
44	Uncertainty in projections of streamflow changes due to climate change in California. Geophysical Research Letters, 2005, 32, .	1.5	139
45	Emissions pathways, climate change, and impacts on California. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12422-12427.	3.3	709
46	Variability and potential sources of predictability of North American runoff. Water Resources Research, 2004, 40, .	1.7	66
47	Potential Effects of Long-Lead Hydrologic Predictability on Missouri River Main-Stem Reservoirs*. Journal of Climate, 2004, 17, 174-186.	1.2	88
48	Evaluation of the snow-covered area data product from MODIS. Hydrological Processes, 2003, 17, 59-71.	1.1	180
49	Predictability of seasonal runoff in the Mississippi River basin. Journal of Geophysical Research, 2003, 108, .	3.3	84
50	Detection of Intensification in Global- and Continental-Scale Hydrological Cycles: Temporal Scale of Evaluation. Journal of Climate, 2003, 16, 535-547.	1.2	163
51	A Long-Term Hydrologically Based Dataset of Land Surface Fluxes and States for the Conterminous United States*. Journal of Climate, 2002, 15, 3237-3251.	1.2	1,186
52	Long-range experimental hydrologic forecasting for the eastern United States. Journal of Geophysical Research, 2002, 107, ACL 6-1.	3.3	772
53	Evaluation of the land surface water budget in NCEP/NCAR and NCEP/DOE reanalyses using an off-line hydrologic model. Journal of Geophysical Research, 2001, 106, 17841-17862.	3.3	144
54	A SIMPLIFIED MODEL FOR PREDICTING DAILY TRANSMISSION LOSSES IN A STREAM CHANNEL. Journal of the American Water Resources Association, 1996, 32, 1139-1146.	1.0	9