Highâ€resolution modeling of coastal freshwater discha Gulf of Alaska watershed

Water Resources Research

52, 3888-3909

DOI: 10.1002/2015wr018457

Citation Report

#	Article	IF	Citations
1	How much cryosphere model complexity is just right? Exploration using the conceptual cryosphere hydrology framework. Cryosphere, 2016, 10, 2147-2171.	1.5	18
2	Hypsometric control on glacier mass balance sensitivity in Alaska and northwest Canada. Earth's Future, 2017, 5, 324-336.	2.4	42
3	Glacial density and GIA in Alaska estimated from ICESat, GPS and GRACE measurements. Journal of Geophysical Research F: Earth Surface, 2017, 122, 76-90.	1.0	18
4	Hydrologic impacts of changes in climate and glacier extent in the <scp>G</scp>ulf of <scp>A</scp>laska watershed. Water Resources Research, 2017, 53, 7502-7520.	1.7	33
5	The Andes Cordillera. Part IV: spatioâ€temporal freshwater runâ€off distribution to adjacent seas (1979â€“2014). International Journal of Climatology, 2017, 37, 3175-3196.	1.5	12
6	High-Resolution Historical Climate Simulations over Alaska. Journal of Applied Meteorology and Climatology, 2018, 57, 709-731.	0.6	17
7	Accurate coastal DEM generation by merging ASTER GDEM and ICESat/GLAS data over Mertz Glacier, Antarctica. Remote Sensing of Environment, 2018, 206, 218-230.	4.6	23
8	The challenge of monitoring glaciers with extreme altitudinal range: mass-balance reconstruction for Kahiltna Glacier, Alaska. Journal of Glaciology, 2018, 64, 75-88.	1.1	4
9	Enhancement of a Parsimonious Water Balance Model to Simulate Surface Hydrology in a Glacierized Watershed. Journal of Geophysical Research F: Earth Surface, 2018, 123, 1116-1132.	1.0	7
10	Spatial and temporal variation in winter condition of juvenile Pacific herring (Clupea pallasii) in Prince William Sound, Alaska: Oceanographic exchange with the Gulf of Alaska. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 147, 116-126.	0.6	16
11	Hydrographic trends in Prince William Sound, Alaska, 1960â€“2016. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 147, 43-57.	0.6	11
12	High-resolution ice sheet surface mass-balance and spatiotemporal runoff simulations: Kangerlussuaq, west Greenland. Arctic, Antarctic, and Alpine Research, 2018, 50, .	0.4	8
13	Seasonal variability of 7Be in suspended sediments from the Copper River, Alaska: implications for quantifying recent flood deposits in coastal environments. Geo-Marine Letters, 2018, 38, 467-480.	0.5	0
14	A Physically Based Daily Simulation of the Glacierâ€Dominated Hydrology of the Copper River Basin, Alaska. Water Resources Research, 2018, 54, 4983-5000.	1.7	5
15	Annual River Runoff Variations and Trends for the Andes Cordillera. Journal of Hydrometeorology, 2018, 19, 1167-1189.	0.7	7
16	Modeled spatial-temporal distribution of productivity, chlorophyll, iron and nitrate on the northern Gulf of Alaska shelf relative to field observations. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 165, 163-191.	0.6	34
17	Connectivity between spawning and nursery areas for Pacific cod (Gadus macrocephalus) in the Gulf of Alaska. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 165, 113-126.	0.6	17
18	Seasonal components of freshwater runoff in Glacier Bay, Alaska: diverse spatial patterns and temporal change. Cryosphere, 2019, 13, 1597-1619.	1.5	7

#	Article	IF	Citations
19	Reanalysis of the US Geological Survey Benchmark Glaciers: long-term insight into climate forcing of glacier mass balance. Journal of Glaciology, 2019, 65, 850-866.	1.1	46
20	Evaluation of the North American Regional Reanalysis (NARR) precipitation fields in a topographically complex domain. Hydrological Sciences Journal, 2020, 65, 786-799.	1.2	5
21	Accelerated retreat of coastal glaciers in the Western Prince William Sound, Alaska. Arctic, Antarctic, and Alpine Research, 2020, 52, 617-634.	0.4	3
22	Applying the index of watershed integrity to the Matanuskaâ€“Susitna basin. Arctic, Antarctic, and Alpine Research, 2020, 52, 435-449.	0.4	2
23	Thermal Diversity of Salmon Streams in the Matanuskaâ€Susitna Basin, Alaska. Journal of the American Water Resources Association, 2020, 56, 630-646.	1.0	5
24	Deglacierization of a Marginal Basin and Implications for Outburst Floods, Mendenhall Glacier, Alaska. Frontiers in Earth Science, 2020, 8, .	0.8	14
25	High Resolution Mapping of Ice Mass Loss in the Gulf of Alaska From Constrained Forward Modeling of GRACE Data. Frontiers in Earth Science, 2020, 7, .	0.8	7
26	Interannual glacier and lake mass changes over Scandinavia from GRACE. Geophysical Journal International, 2020, 221, 2126-2141.	1.0	7
27	Central Asian river streamflows have not continued to increase during the recent warming hiatus. Atmospheric Research, 2020, 246, 105124.	1.8	12
28	Demonstrating a Highâ€Resolution Gulf of Alaska Ocean Circulation Model Forced Across the Coastal Interface by Highâ€Resolution Terrestrial Hydrological Models. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015724.	1.0	10
29	A Classification of Streamflow Patterns Across the Coastal Gulf of Alaska. Water Resources Research, 2020, 56, e2019WR026127.	1.7	32
30	Identification of Seasonal Streamflow Regimes and Streamflow Drivers for Daily and Peak Flows in Alaska. Water Resources Research, 2021, 57, e2020WR028425.	1.7	14
32	Modeling the impacts of climate change on mass balance and discharge of Eklutna Glacier, Alaska, 1985â€“2019. Journal of Glaciology, 2021, 67, 909-920.	1.1	5
33	A Changing Hydrological Regime: Trends in Magnitude and Timing of Glacier Ice Melt and Glacier Runoff in a High Latitude Coastal Watershed. Water Resources Research, 2021, 57, e2020WR027404.	1.7	7
34	Development and evaluation of 0.05Â° terrestrial water storage estimates using Community Atmosphere Biosphere Land ExchangeÂ(CABLE) land surface model and assimilation of GRACE data. Hydrology and Earth System Sciences, 2021, 25, 4185-4208.	1.9	4
35	Spatial and temporal variability of dissolved aluminum and manganese in surface waters of the northern Gulf of Alaska. Deep-Sea Research Part II: Topical Studies in Oceanography, 2021, 189-190, 104952.	0.6	6
36	Assimilation of citizen science data in snowpack modeling using a new snow data set: Community Snow Observations. Hydrology and Earth System Sciences, 2021, 25, 4651-4680.	1.9	9
37	Using the Global Hydrodynamic Model and GRACE Follow-On Data to Access the 2020 Catastrophic Flood in Yangtze River Basin. Remote Sensing, 2021, 13, 3023.	1.8	6

#	Article	IF	Citations
38	Integrated Assessment of Ocean Acidification Risks to Pteropods in the Northern High Latitudes: Regional Comparison of Exposure, Sensitivity and Adaptive Capacity. Frontiers in Marine Science, 2021, 8, .	1.2	23
39	Modulation of ocean acidification by decadal climate variability in the Gulf of Alaska. Communications Earth & Environment, 2021, 2, .	2.6	16
40	A regional hindcast model simulating ecosystem dynamics, inorganic carbon chemistry, and ocean acidification in the Gulf of Alaska. Biogeosciences, 2020, 17, 3837-3857.	1.3	18
41	GrSMBMIP: intercomparison of the modelled 1980â€“2012 surface mass balance over the Greenland Ice Sheet. Cryosphere, 2020, 14, 3935-3958.	1.5	111
43	Calibration of a hydrologic model in data-scarce Alaska using satellite and other gridded products. Journal of Hydrology: Regional Studies, 2022, 39, 100979.	1.0	0
44	Mountain Permafrost Hydrologyâ€”A Practical Review Following Studies from the Andes. Geosciences (Switzerland), 2022, 12, 48.	1.0	20
45	Modeling in an integrated ecosystem research framework to explore recruitment in Gulf of Alaska groundfish â€“ Applications to management and lessons learned. Deep-Sea Research Part II: Topical Studies in Oceanography, 2022, 197, 105048.	0.6	4
46	Seasonal and interannual variation in high-latitude estuarine fish community structure along a glacial to non-glacial watershed gradient in Southeast Alaska. Environmental Biology of Fishes, 2022, 105, 431-452.	0.4	8
47	Marine CO₂ system variability along the northeast Pacific Inside Passage determined from an Alaskan ferry. Biogeosciences, 2022, 19, 1277-1301.	1.3	5
50	Stuck in the Wildâ€”The Hydrology of the Teklanika River (Alaska) in the Summer of 1992. Frontiers in Earth Science, 0, 10, .	0.8	0
51	Temperature variations in the northern Gulf of Alaska across synoptic to century-long time scales. Deep-Sea Research Part II: Topical Studies in Oceanography, 2022, 203, 105155.	0.6	12
52	New projections of 21st century climate and hydrology for Alaska and HawaiÊ»i. Climate Services, 2022, 27, 100312.	1.0	2
53	Maritime glacier retreat and terminus area change in Kenai Fjords National Park, Alaska, between 1984 and 2021. Journal of Glaciology, 2023, 69, 251-265.	1.1	1
54	Influence of environmental and population factors on Prince William Sound herring spawning phenology. Marine Ecology - Progress Series, 2022, 696, 103-117.	0.9	1
55	Can seamounts in the Gulf of Alaska be a spawning ground for sablefish settling in coastal nursery grounds?. Fisheries Research, 2023, 261, 106625.	0.9	1
56	Increasing rate of 21st century volume loss of the Patagonian Icefields measured from proglacial river discharge. Journal of Glaciology, 2023, 69, 1187-1202.	1.1	1
57	Hydroclimate Drives Seasonal Riverine Export Across a Gradient of Glacierized Highâ€Latitude Coastal Catchments. Water Resources Research, 2023, 59, .	1.7	5