

Progressive incision of the Channeled Scablands by out

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Megafloods downsized. <i>Nature</i> , 2016, 538, 174-175.	13.7	8
2	Late Pleistocene outburst floods from Issyk Kul, Kyrgyzstan?. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 1535-1548.	1.2	11
3	¹⁰ Be dating of late Pleistocene megafloods and Cordilleran Ice Sheet retreat in the northwestern United States. <i>Geology</i> , 2017, 45, 583-586.	2.0	24
4	Amazonian fluvial outflow channels in Jovis Tholus region, Mars. <i>Journal of Geophysical Research E: Planets</i> , 2017, 122, 927-949.	1.5	5
5	Excavation of subglacial bedrock channels by seasonal meltwater flow. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 1960-1972.	1.2	24
6	Incision of Licus Vallis, Mars, From Multiple Lake Overflow Floods. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 405-420.	1.5	25
7	Verifying the prevalence, properties, and congruent hydraulics of at-many-stations hydraulic geometry (AMHG) for rivers in the continental United States. <i>Journal of Hydrology</i> , 2018, 556, 625-633.	2.3	16
8	Repeated megafloods from glacial Lake Vitim, Siberia, to the Arctic Ocean over the past 60,000 years. <i>Quaternary Science Reviews</i> , 2018, 187, 41-61.	1.4	30
9	Is Kasei Valles (Mars) the largest volcanic channel in the solar system?. <i>Icarus</i> , 2018, 301, 37-57.	1.1	13
10	Experiments on the morphological controls of velocity inversions in bedrock canyons. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 654-668.	1.2	12
11	Substrate controls on valley formation by groundwater on Earth and Mars. <i>Geology</i> , 2018, 46, 531-534.	2.0	23
12	Origin and Evolution of Biodiversity. , 2018, , .		10
13	Natura Fecit Saltum: Punctuationalism Pervades the Natural Sciences. , 2018, , 341-361.		0
14	Variableâ€œThreshold Behavior in Rivers Arising From Hillslopeâ€œDerived Blocks. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 1931-1957.	1.0	30
15	Outburst floods provide erodability estimates consistent with long-term landscape evolution. <i>Scientific Reports</i> , 2018, 8, 10573.	1.6	34
16	Past water flow beneath Pine Island and Thwaites glaciers, West Antarctica. <i>Cryosphere</i> , 2019, 13, 1959-1981.	1.5	25
17	Incision of paleolake outlet canyons on Mars from overflow flooding. <i>Geology</i> , 2019, 47, 7-10.	2.0	20
18	Formation of Ares Vallis (Mars) by effusions of low-viscosity lava within multiple regions of chaotic terrain. <i>Geomorphology</i> , 2019, 345, 106828.	1.1	7

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19	Canyon shape and erosion dynamics governed by channel-hillslope feedbacks. <i>Geology</i> , 2019, 47, 650-654.	2.0	30
20	The Geomorphic Impact of Outburst Floods: Integrating Observations and Numerical Simulations of the 2000 Yigong Flood, Eastern Himalaya. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 1056-1079.	1.0	58
22	Knickpoints in Martian channels indicate past ocean levels. <i>Scientific Reports</i> , 2019, 9, 15153.	1.6	12
23	Constraints on the nature of the effusive volcanic eruptions that incised Ravi Vallis, Mars. <i>Planetary and Space Science</i> , 2019, 167, 54-70.	0.9	7
24	Struggles with stream power: Connecting theory across scales. <i>Geomorphology</i> , 2020, 366, 106817.	1.1	21
25	Catastrophic glacial-lake outburst flooding of the Patagonian Ice Sheet. <i>Earth-Science Reviews</i> , 2020, 200, 102996.	4.0	37
26	The Zanclean megaflood of the Mediterranean – Searching for independent evidence. <i>Earth-Science Reviews</i> , 2020, 201, 103061.	4.0	34
27	What can Olympus Mons tell us about the Martian lithosphere?. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 402, 106981.	0.8	2
28	Quantitative Paleoflood Hydrology. , 2020, , .		6
29	Morphometry of bedrock meltwater channels on Antarctic inner continental shelves: Implications for channel development and subglacial hydrology. <i>Geomorphology</i> , 2020, 370, 107369.	1.1	10
30	The Kasei Valles, Mars: a unified record of episodic channel flows and ancient ocean levels. <i>Scientific Reports</i> , 2020, 10, 18571.	1.6	6
31	Pliocene–Pleistocene megafloods as a mechanism for Greenlandic megacanyon formation. <i>Geology</i> , 2020, 48, 737-741.	2.0	12
32	Morpho-sedimentary and stratigraphic characteristics of the 2000 Yigong River landslide dam outburst flood deposits, eastern Tibetan Plateau. <i>Geomorphology</i> , 2020, 367, 107293.	1.1	17
33	Entrainment and suspension of sand and gravel. <i>Earth Surface Dynamics</i> , 2020, 8, 485-504.	1.0	32
34	Incision of Maadim Vallis (Mars) by dry volcanic megafloods effused from multiple highland sources. <i>Planetary and Space Science</i> , 2020, 191, 105021.	0.9	8
35	The role of Northeast Pacific meltwater events in deglacial climate change. <i>Science Advances</i> , 2020, 6, eaay2915.	4.7	48
36	Provenance and erosional impact of Quaternary megafloods through the Yarlung-Tsangpo Gorge from zircon U-Pb geochronology of flood deposits, eastern Himalaya. <i>Earth and Planetary Science Letters</i> , 2020, 535, 116113.	1.8	24
37	A Mechanistic Model for Lateral Erosion of Bedrock Channel Banks by Bedload Particle Impacts. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005509.	1.0	28

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38	The Missoula and Bonneville floods—A review of ice-age megafloods in the Columbia River basin. <i>Earth-Science Reviews</i> , 2020, 208, 103181.	4.0	31
39	Overspilling small craters on a dry Mars: Insights from breach erosion modeling. <i>Earth and Planetary Science Letters</i> , 2021, 554, 116671.	1.8	8
40	Dry megafloods on Mars: formation of the outflow channels by voluminous effusions of low viscosity lava. , 2021, , 61-93.		0
41	Bedrock Rivers. , 2022, , 865-903.		8
42	Glacial Lake Outburst Floods: Geomorphological Agents and Hazardous Phenomena. , 2022, , 313-329.		4
43	Geomorphological impact, hydraulics and watershed- lake connectivity during extreme floods in mountain areas: The 1959 Vega de Tera dam failure, NW Spain. <i>Geomorphology</i> , 2021, 375, 107531.	1.1	5
44	Toward Entrainment Thresholds in Fluvial Plucking. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2020JF005944.	1.0	6
45	Late Holocene canyon-carving floods in northern Iceland were smaller than previously reported. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	3
47	Catastrophic Drainage From the Northwestern Outlet of Glacial Lake Agassiz During the Younger Dryas. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093919.	1.5	11
48	Assessment of local outburst flood risk from successive landslides: Case study of Baige landslide-dammed lake, upper Jinsha river, eastern Tibet. <i>Journal of Hydrology</i> , 2021, 599, 126294.	2.3	27
49	Landslide-lake outburst floods accelerate downstream hillslope slippage. <i>Earth Surface Dynamics</i> , 2021, 9, 1251-1262.	1.0	8
50	From Process to Centuries: Upscaling Field—Calibrated Models of Fluvial Bedrock Erosion. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093415.	1.5	2
51	Characterization of a glacial paleo-outburst flood using high-resolution 3-D seismic data: Bj�rnelva River Valley, SW Barents Sea. <i>Journal of Glaciology</i> , 2021, 67, 404-420.	1.1	5
52	Fluvial palaeohydrology in the 21st century and beyond. <i>Earth Surface Processes and Landforms</i> , 2022, 47, 58-81.	1.2	16
53	Extraterrestrial Fluvial Environments. , 2020, , 994-994.		0
54	Outburst Floods. , 2020, , .		3
55	Modeling the Hydrodynamics, Sediment Transport, and Valley Incision of Outlet—Forming Floods From Martian Crater Lakes. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE006979.	1.5	6
56	Upper Grand Coulee: New views of a channeled scabland megafloods enigma. , 2021, , 245-300.		1

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57	Bedrock gorge incision via anthropogenic meander cutoff. <i>Geology</i> , 2022, 50, 321-325.	2.0	1
58	Two megafloods in the middle reach of Yarlung Tsangpo River since Last-glacial period: Evidence from giant bars. <i>Global and Planetary Change</i> , 2022, 208, 103726.	1.6	11
59	Long-period variability in ice-dammed glacier outburst floods due to evolving catchment geometry. <i>Cryosphere</i> , 2022, 16, 333-347.	1.5	4
60	Pleistocene Megaflood Discharge in Grand Coulee, Channeled Scabland, USA. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	4
61	Bed and Bank Stress Partitioning in Bedrock Rivers. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	4
62	Glacial isostatic adjustment directed incision of the Channeled Scabland by Ice Age megafloods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	4
63	Reconstructing glacial outburst floods (j��kulhlaups) from geomorphology: Challenges, solutions, and an enhanced interpretive framework. <i>Progress in Physical Geography</i> , 2022, 46, 398-421.	1.4	4
64	Channel trajectories control deep��water stratigraphic architecture. <i>Depositional Record</i> , 2022, 8, 880-894.	0.8	5
65	Development of Shalbatana Vallis (Mars) by dry volcanic processes. <i>Planetary and Space Science</i> , 2022, 215, 105464.	0.9	1
66	The Erosional and Depositional Potential of Holocene Tibetan Megafloods Through the Yarlung Tsangpo Gorge, Eastern Himalaya: Insights From 2D Hydraulic Simulations. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	6
67	Experiments on Pool Formation in Bedrock Canyons. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	4
68	Narrower Paleo��canyons Downsize Megafloods. <i>Geophysical Research Letters</i> , 0, , .	1.5	2
69	Terrestrial martian analogues from the Indian subcontinent: Implications for hydrological activity on Mars. <i>Icarus</i> , 2022, 385, 115118.	1.1	0
70	Amplification of plunging flows in bedrock canyons. <i>Geophysical Research Letters</i> , 0, , .	1.5	1
71	Quantitative relationships between river and channel-belt planform patterns. <i>Geology</i> , 2022, 50, 1053-1057.	2.0	5
72	New Evidence of High-Magnitude Flood(S) in the Region of Eastern Himalayan Syntaxis, Southeastern Tibet Plateau. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
73	Geomorphic response of outburst floods: Insight from numerical simulations and observations����The 2018 Baige outburst flood in the upper Yangtze River. <i>Science of the Total Environment</i> , 2022, 851, 158378.	3.9	6
74	Multi grain��size total sediment load model based on the disequilibrium length. <i>Journal of Geophysical Research F: Earth Surface</i> , 0, , .	1.0	0

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75	Rapid megaflood-triggered base-level rise on Mars. <i>Geology</i> , 0, , .	2.0	0
77	HIMALAYAN HAZARD CASCADES “ MODERN AND MEDIEVAL OUTBURST FLOODS IN POKHARA, NEPAL. <i>Earth Surface Processes and Landforms</i> , 0, , .	1.2	0
78	Reconstruction of a Holocene landslide-dammed lake in the Yalong basin, eastern Tibetan Plateau. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
79	Less extreme and earlier outbursts of ice-dammed lakes since 1900. <i>Nature</i> , 2023, 614, 701-707.	13.7	11
80	Timing and maximum flood level of the Early Holocene glacial lake Nedre Glomsj�, outburst flood, Norway. <i>Boreas</i> , 2023, 52, 295-313.	1.2	2
81	Channel aggradation triggered by dam failure amplifies the damage of outburst flood. <i>Landslides</i> , 2023, 20, 1343-1362.	2.7	3