

21st century climate change in the European Alps”A r

Science of the Total Environment

493, 1138-1151

DOI: [10.1016/j.scitotenv.2013.07.050](https://doi.org/10.1016/j.scitotenv.2013.07.050)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Trade-offs between global warming and day length on the start of the carbon uptake period in seasonally cold ecosystems. <i>Geophysical Research Letters</i> , 2013, 40, 6136-6142.	1.5	14
2	Effects of drought on nitrogen turnover and abundances of ammonia-oxidizers in mountain grassland. <i>Biogeosciences</i> , 2014, 11, 6003-6015.	1.3	51
3	Investigation of Climate Change Impact on Water Resources for an Alpine Basin in Northern Italy: Implications for Evapotranspiration Modeling Complexity. <i>PLoS ONE</i> , 2014, 9, e109053.	1.1	21
4	Station-scale bias correction and uncertainty analysis for the estimation of irrigation water requirements in the Swiss Rhone catchment under climate change. <i>Climatic Change</i> , 2014, 127, 521-534.	1.7	17
5	Crossing numerical simulations of snow conditions with a spatially-resolved socio-economic database of ski resorts: A proof of concept in the French Alps. <i>Cold Regions Science and Technology</i> , 2014, 108, 98-112.	1.6	35
6	Mountain glacial and paraglacial environments under global climate change: lessons from the past, future directions and policy implications. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2014, 96, 245-264.	0.6	79
7	Interdisciplinary assessment of complex regional water systems and their future evolution: how socioeconomic drivers can matter more than climate. <i>Wiley Interdisciplinary Reviews: Water</i> , 2014, 1, 413-426.	2.8	28
8	Changes in glaciers in the Swiss Alps and impact on basin hydrology: Current state of the art and future research. <i>Science of the Total Environment</i> , 2014, 493, 1152-1170.	3.9	25
9	Possible impacts of climate change on debris-flow activity in the Swiss Alps. <i>Climatic Change</i> , 2014, 122, 141-155.	1.7	99
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11	Assessing the impacts of climatic change on mountain water resources. <i>Science of the Total Environment</i> , 2014, 493, 1129-1137.	3.9	146
12	Interaction of thermal and mechanical processes in steep permafrost rock walls: A conceptual approach. <i>Geomorphology</i> , 2014, 226, 226-235.	1.1	48
13	Using digital camera images to analyse snowmelt and phenology of a subalpine grassland. <i>Agricultural and Forest Meteorology</i> , 2014, 198-199, 116-125.	1.9	75
14	Governing and managing water resources under changing hydro-climatic contexts: The case of the upper Rhone basin. <i>Environmental Science and Policy</i> , 2014, 43, 56-67.	2.4	39
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16	Evaluation of the TMPA-3B42 precipitation product using a high-density rain gauge network over complex terrain in northeastern Iberia. <i>Global and Planetary Change</i> , 2015, 133, 188-200.	1.6	54
17	Responses of Montane Forest to Climate Variability in the Central Himalayas of Nepal. <i>Mountain Research and Development</i> , 2015, 35, 66-77.	0.4	28
18	The elevation dependency of 21st century European climate change: an RCM ensemble perspective. <i>International Journal of Climatology</i> , 2015, 35, 3902-3920.	1.5	61

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19	Measurement of the physical properties of the snowpack. <i>Reviews of Geophysics</i> , 2015, 53, 481-544.	9.0	151
20	Challenges for mountain hydrology in the third millennium. <i>Frontiers in Environmental Science</i> , 2015, 3, .	1.5	29
21	Structures of Microbial Communities in Alpine Soils: Seasonal and Elevational Effects. <i>Frontiers in Microbiology</i> , 2015, 6, 1330.	1.5	70
22	Debris-flow activity from high-elevation, periglacial environments. , 0, , 295-314.		0
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24	Spatiotemporal patterns of high-mountain lakes and related hazards in western Austria. <i>Geomorphology</i> , 2015, 246, 602-616.	1.1	48
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27	Projecting hydropower production under future climates: a guide for decision makers and modelers to interpret and design climate change impact assessments. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015, 2, 271-289.	2.8	71
28	A mobile system for quantifying the spatial variability of the surface energy balance: design and application. <i>International Journal of Biometeorology</i> , 2015, 59, 617-627.	1.3	6
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34	Seeds at risk: How will a changing alpine climate affect regeneration from seeds in alpine areas?. <i>Alpine Botany</i> , 2015, 125, 59-68.	1.1	38
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39	Inconclusive Predictions and Contradictions: A Lack of Consensus on Seed Germination Response to Climate Change at High Altitude and High Latitude. <i>Journal of Botany</i> , 2016, 2016, 1-13.	1.2	2
40	Decadal Scale Changes in Glacier Area in the Hohe Tauern National Park (Austria) Determined by Object-Based Image Analysis. <i>Remote Sensing</i> , 2016, 8, 67.	1.8	21
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45	Floods in mountain environments: A synthesis. <i>Geomorphology</i> , 2016, 272, 1-9.	1.1	69
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50	Impacts of Climate Warming on Alpine Lake Biota Over the Past Decade. <i>Arctic, Antarctic, and Alpine Research</i> , 2016, 48, 361-376.	0.4	30
51	Silent play in a loud theatre – Dominantly time-dependent soil development in the geomorphically active proglacial area of the Gepatsch glacier, Austria. <i>Catena</i> , 2016, 147, 40-50.	2.2	22
52	Little effects on soil organic matter chemistry of density fractions after seven years of forest soil warming. <i>Soil Biology and Biochemistry</i> , 2016, 103, 300-307.	4.2	48
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60	The weather dictates the rhythms: Alpine chamois activity is well adapted to ecological conditions. <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 1291-1304.	0.6	49
61	Comparing COSMO-CLM simulations and MODIS data of snow cover extent and distribution over Italian Alps. <i>Climate Dynamics</i> , 2016, 47, 3955-3977.	1.7	5
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71	Projections of future floods and hydrological droughts in Europe under a +2°C global warming. <i>Climatic Change</i> , 2016, 135, 341-355.	1.7	183
72	A comparison of general circulation models and their application to temperature change assessments in a high-latitude agricultural area in northeastern China. <i>Climate Dynamics</i> , 2016, 47, 651-666.	1.7	10
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75	Climate change effects on the stability and chemistry of soil organic carbon pools in a subalpine grassland. <i>Biogeochemistry</i> , 2017, 132, 123-139.	1.7	34
76	Climate change impacts on surface water resources in the Rheraya catchment (High Atlas, Morocco). <i>Hydrological Sciences Journal</i> , 2017, 62, 979-995.	1.2	88
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80	Change of plant phenophases explained by survival modeling. <i>International Journal of Biometeorology</i> , 2017, 61, 881-889.	1.3	7
81	Warm summers and moderate winter precipitation boost <i>Rhododendron ferrugineum</i> L. growth in the Taillefer massif (French Alps). <i>Science of the Total Environment</i> , 2017, 586, 1020-1031.	3.9	32
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83	Spatio-temporal trends in fire weather in the French Alps. <i>Science of the Total Environment</i> , 2017, 595, 801-817.	3.9	41
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88	When timing matters-considering changing temporal structures in runoff response surfaces. <i>Climatic Change</i> , 2017, 142, 213-226.	1.7	15
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94	Quantifying the contribution of the root system of alpine vegetation in the soil aggregate stability of moraine. <i>International Soil and Water Conservation Research</i> , 2017, 5, 36-42.	3.0	37
95	A multi-level perspective on climate risks and drivers of entrepreneurial robustness – Findings from sectoral comparison in alpine Austria. <i>Global Environmental Change</i> , 2017, 44, 68-82.	3.6	10
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112	Opportunities for research on mountain biodiversity under global change. <i>Current Opinion in Environmental Sustainability</i> , 2017, 29, 40-47.	3.1	60
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114	Participative Spatial Scenario Analysis for Alpine Ecosystems. <i>Environmental Management</i> , 2017, 60, 679-692.	1.2	22
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147	Multiproxy analyses of Lake Allos reveal synchronicity and divergence in geosystem dynamics during the Lateglacial/Holocene in the Alps. <i>Quaternary Science Reviews</i> , 2018, 186, 60-77.	1.4	8

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