Daily dataset of 20th-century surface air temperature a European Climate Assessment

International Journal of Climatology 22, 1441-1453

DOI: 10.1002/joc.773

Citation Report

#	Article	IF	CITATIONS
1	Trend of precipitation variation in Hubei Province since the 1960S. Chinese Geographical Science, 2003, 13, 322-327.	3.0	1
2	Homogeneity of 20th century European daily temperature and precipitation series. International Journal of Climatology, 2003, 23, 679-692.	3.5	693
3	On the relationship between global warming, local warming in the Netherlands and changes in circulation in the 20th century. International Journal of Climatology, 2003, 23, 1711-1724.	3.5	46
4	Trends in Indices of Daily Temperature and Precipitation Extremes in Europe, 1946–99. Journal of Climate, 2003, 16, 3665-3680.	3.2	939
5	Analysing the effect of climate changes on streamflow using statistically downscaled GCM scenarios. International Journal of River Basin Management, 2004, 2, 271-280.	2.7	40
6	European climate in the late twenty-first century: regional simulations with two driving global models and two forcing scenarios. Climate Dynamics, 2004, 22, 13-31.	3.8	474
7	Regional climate model simulations of daily maximum and minimum near-surface temperatures across Europe compared with observed station data 1961?1990. Climate Dynamics, 2004, 23, 695-715.	3.8	74
8	The temporal and spatial patterns of thermal conditions in the area of the southwestern coast of the Gulf of Gdańsk (Poland) from 1951 to 1998. International Journal of Climatology, 2004, 24, 499-509.	3.5	8
9	Spatial and temporal variability of the daily rainfall regime in Catalonia(northeastern Spain), 1950–2000. International Journal of Climatology, 2004, 24, 613-641.	3.5	63
10	Interannual variability of European extreme winter rainfall and links with mean large-scale circulation. International Journal of Climatology, 2004, 24, 759-776.	3.5	229
11	Quality control of daily meteorological data in China, 1951–2000: a new dataset. International Journal of Climatology, 2004, 24, 853-870.	3.5	335
12	Piecewise linear fitting and trend changing points of climate parameters. Geophysical Research Letters, 2004, 31, .	4.0	145
13	Changes in daily precipitation frequency and distribution in Italy over the last 120 years. Journal of Geophysical Research, 2004, 109, .	3.3	139
14	Analysis of extreme precipitation over Europe from different reanalyses: a comparative assessment. Global and Planetary Change, 2004, 44, 129-161.	3.5	114
15	Warm season extreme temperature events in Kuwait. Journal of Arid Environments, 2004, 56, 357-371.	2.4	90
16	Sensitivity of the Continental Hydrological Cycle to the Spatial Resolution over the Iberian Peninsula. Journal of Hydrometeorology, 2004, 5, 267-285.	1.9	48
17	Comments on "Predictability of Winter Climate over the North Atlantic European Region during ENSO Events― Journal of Climate, 2005, 18, 2770-2772.	3.2	14
18	Static mass-balance sensitivity of Arctic glaciers and ice caps using a degree-day approach. Annals of Glaciology, 2005, 42, 217-224.	1.4	107

#	Article	IF	CITATIONS
19	Climatic effects on timing of spring migration and breeding in a long-distance migrant, the pied flycatcherFicedula hypoleuca. Journal of Avian Biology, 2005, 36, 368-373.	1.2	134
20	Global and synoptic-scale weather patterns controlling wet atmospheric deposition over central Europe. Atmospheric Environment, 2005, 39, 521-533.	4.1	25
21	Signals of anthropogenic influence on European warming as seen in the trend patterns of daily temperature variance. International Journal of Climatology, 2005, 25, 1-16.	3.5	85
22	Weather regimes and their connection to the winter rainfall in Portugal. International Journal of Climatology, 2005, 25, 33-50.	3.5	106
23	Simulation of extreme temperature events by a stochastic weather generator: effects of interdiurnal and interannual variability reproduction. International Journal of Climatology, 2005, 25, 251-269.	3.5	32
24	Assessment of climate extremes in the Eastern Mediterranean. Meteorology and Atmospheric Physics, 2005, 89, 69-85.	2.0	233
25	Interannual Variability of the Annual Cycle of Temperature over Northern Africa. Studia Geophysica Et Geodaetica, 2005, 49, 141-151.	0.5	5
26	Extreme summer temperatures in Iberia: health impacts and associated synoptic conditions. Annales Geophysicae, 2005, 23, 239-251.	1.6	88
27	EXPANSION OF GEOGRAPHIC RANGE IN THE PINE PROCESSIONARY MOTH CAUSED BY INCREASED WINTER TEMPERATURES. , 2005, 15, 2084-2096.		464
28	Projected Changes in Extreme Weather and Climate Events in Europe. , 2005, , 13-23.		29
29	Synoptic patterns associated with large summer forest fires in Portugal. Agricultural and Forest Meteorology, 2005, 129, 11-25.	4.8	274
30	Shifts of seasons at the European mid-latitudes: Natural fluctuations correlated with the North Atlantic Oscillation. Geophysical Research Letters, 2005, 32, n/a-n/a.	4.0	43
31	On the robustness of the estimates of centennial-scale variability in heavy precipitation from station data over Europe. Geophysical Research Letters, 2005, 32, n/a-n/a.	4.0	57
32	Learning with solar activity influence on Portugal's rainfall: A stochastic overview. Geophysical Research Letters, 2005, 32, .	4.0	7
33	Trends in Intense Precipitation in the Climate Record. Journal of Climate, 2005, 18, 1326-1350.	3.2	1,125
34	Climate change, migratory connctivity and changes in laying date and clutch size of the pied flycatcher. Oikos, 2006, 114, 277-290.	2.7	80
35	Large-scale changes in observed daily maximum and minimum temperatures: Creation and analysis of a new gridded data set. Journal of Geophysical Research, 2006, 111, .	3.3	297
36	Global observed changes in daily climate extremes of temperature and precipitation. Journal of Geophysical Research, 2006, 111 , .	3.3	2,884

#	ARTICLE	IF	Citations
37	Indices for daily temperature and precipitation extremes in Europe analyzed for the period $1901\hat{a}$ \circ '2000. Journal of Geophysical Research, 2006, 111, .	3.3	347
38	Long-term (105 years) variability in rain erosivity as derived from 10-min rainfall depth data for Ukkel (Brussels, Belgium): Implications for assessing soil erosion rates. Journal of Geophysical Research, 2006, 111, .	3.3	140
39	Changes in frequency and intensity of daily precipitation over the Iberian Peninsula. Journal of Geophysical Research, 2006, 111 , .	3.3	44
40	Statistical analysis of floods in Bohemia (Czech Republic) since 1825. Hydrological Sciences Journal, 2006, 51, 930-945.	2.6	36
41	Detecting the influence of land use changes on discharges and floods in the Meuse River Basin – the predictive power of a ninety-year rainfall-runoff relation?. Hydrology and Earth System Sciences, 2006, 10, 691-701.	4.9	55
42	Detection of Greenhouse Gas and Aerosol Influences on Changes in Temperature Extremes. Scientific Online Letters on the Atmosphere, 2006, 2, 152-155.	1.4	15
44	A Demonstration That Large-Scale Warming Is Not Urban. Journal of Climate, 2006, 19, 2882-2895.	3.2	127
45	Understanding Precipitation Changes in Iberia in Early Spring: Weather Typing and Storm-Tracking Approaches. Journal of Hydrometeorology, 2006, 7, 101-113.	1.9	184
46	Onset of spring starting earlier across the Northern Hemisphere. Global Change Biology, 2006, 12, 343-351.	9.5	808
47	A rapid altitudinal range expansion in the pine processionary moth produced by the 2003 climatic anomaly. Global Change Biology, 2006, 12, 662-671.	9.5	195
48	Application of the method of artificial neural networks to the downscaling of precipitation forecasts in the coastal region of the Black Sea. Physical Oceanography, 2006, 16, 141-152.	0.9	2
49	Monthly and daily precipitation trends in the Mediterranean (1950–2000). Theoretical and Applied Climatology, 2006, 83, 89-106.	2.8	187
50	Trends in dry spells across Catalonia (NE Spain) during the second half of the 20th century. Theoretical and Applied Climatology, 2006, 85, 165-183.	2.8	51
51	Potential risks for European beech (Fagus sylvatica L.) in a changing climate. Trees - Structure and Function, 2006, 21, 1-11.	1.9	342
52	The impact of the summer 2003 heat wave in Iberia: how should we measure it?. International Journal of Biometeorology, 2006, 50, 159-166.	3.0	89
53	A comparison of growing season indices for the Greater Baltic Area. International Journal of Biometeorology, 2006, 51, 107-118.	3.0	74
54	Spring arrival response to climate change in birds: a case study from eastern Europe. Journal of Ornithology, 2006, 147, 326-343.	1.1	70
55	From seasonal patterns to a reference situation in an estuarine environment: Example of the small fish and shrimp fauna of the Gironde estuary (SW France). Estuarine, Coastal and Shelf Science, 2006, 70, 239-250.	2.1	26

#	Article	IF	Citations
56	Application of nearest-neighbor resampling for homogenizing temperature records on a daily to sub-daily level. International Journal of Climatology, 2006, 26, 75-89.	3.5	39
57	A method for finding the station where climatic trends are most representative for a region. International Journal of Climatology, 2006, 26, 523-530.	3.5	2
58	Summer temperature trends in a Mediterranean area (Valencia region). International Journal of Climatology, 2006, 26, 1051-1073.	3.5	33
59	The behavior of extreme cold air outbreaks under greenhouse warming. International Journal of Climatology, 2006, 26, 1133-1147.	3.5	165
60	The development of a new dataset of Spanish Daily Adjusted Temperature Series (SDATS) (1850–2003). International Journal of Climatology, 2006, 26, 1777-1802.	3.5	136
61	Traveling or stopping of migrating birds in relation to wind: an illustration for the osprey. Behavioral Ecology, 2006, 17, 497-502.	2.2	57
62	Stochastic hydrologic simulation for water availability evaluation in Fucino plain (Central Italy). Water International, 2007, 32, 844-855.	1.0	0
63	Intraspecific consistency and geographic variability in temporal trends of spring migration phenology among European bird species. Climate Research, 2007, 35, 135-146.	1.1	189
64	Predictability of Cold Spring Seasons in Europe. Monthly Weather Review, 2007, 135, 4185-4201.	1.4	22
65	Contributions to the moisture budget of airmasses over Iceland. Meteorologische Zeitschrift, 2007, 16, 37-44.	1.0	27
66	Temporal Variability in Local Air Temperature Series Shows Negative Feedback. Energy and Environment, 2007, 18, 1059-1072.	4.6	2
67	Summertime European heat and drought waves induced by wintertime Mediterranean rainfall deficit. Geophysical Research Letters, 2007, 34, .	4.0	289
68	Long-term comparison of soft bottom macrobenthos in the Bay of Banyuls-sur-Mer (north-western) Tj ETQq0 0 0	rgBT /Ove	erlock 10 Tf 50
69	Regional analysis of extreme temperature and precipitation indices for the Carpathian Basin from 1946 to 2001. Global and Planetary Change, 2007, 57, 83-95.	3.5	150
70	The simulation of the variability and extremes of daily precipitation over Europe by the HIRHAM regional climate model. Global and Planetary Change, 2007, 57, 59-82.	3.5	17
71	Statistical Downscaling of Extreme Precipitation Events Using Censored Quantile Regression. Monthly Weather Review, 2007, 135, 2365-2378.	1.4	148
72	Qualification Tests of HF RFID Foil Transponders for a Vehicle Guidance System., 2007,,.		4
73	Investigating possible links between the North Atlantic Oscillation and rainfall variability in northwestern France over the past 35 years. Journal of Geophysical Research, 2007, 112, .	3.3	52

#	Article	IF	CITATIONS
74	Contribution of land-atmosphere coupling to recent European summer heat waves. Geophysical Research Letters, 2007, 34, .	4.0	512
75	Temporal and spatial temperature variability and change over Spain during 1850–2005. Journal of Geophysical Research, 2007, 112, .	3.3	189
76	Heat stress intensification in the Mediterranean climate change hotspot. Geophysical Research Letters, 2007, 34, .	4.0	361
77	Inconsistency between atmospheric dynamics and temperatures during the exceptional 2006/2007 fall/winter and recent warming in Europe. Geophysical Research Letters, 2007, 34, .	4.0	71
78	Recent spatial and temporal variability and trends of sunshine duration over the Iberian Peninsula from a homogenized data set. Journal of Geophysical Research, 2007, 112, .	3.3	105
79	LONG-TERM DATA REVEAL COMPLEX DYNAMICS IN GRASSLAND IN RELATION TO CLIMATE AND DISTURBANCE. Ecological Monographs, 2007, 77, 545-568.	5.4	119
80	Non-stationary extreme models and a climatic application. Nonlinear Processes in Geophysics, 2007, 14, 305-316.	1.3	41
81	PALEOCLIMATE RECONSTRUCTION Historical Climatology. , 2007, , 2002-2010.		O
82	Atmospheric large-scale dynamics during the 2004/2005 winter drought in portugal. International Journal of Climatology, 2007, 27, 571-586.	3.5	46
83	Implications of enhanced persistence of atmospheric circulation for the occurrence and severity of temperature extremes. International Journal of Climatology, 2007, 27, 689-695.	3.5	55
84	Development of a spatial synoptic classification scheme for western Europe. International Journal of Climatology, 2007, 27, 2017-2040.	3.5	34
85	Pressure gradient force, atmospheric circulation and climate in western Europe (1899–2002). International Journal of Climatology, 2007, 27, 2055-2067.	3.5	4
86	Modelling the effects of climate change on the potential feeding activity of Thaumetopoea pityocampa (Den. & Schiff.) (Lep., Notodontidae) in France. Global Ecology and Biogeography, 2007, 16, 460-471.	5.8	90
87	Do distributional shifts of northern and southern species of algae match the warming pattern?. Global Change Biology, 2007, 13, 2592-2604.	9.5	287
88	Time variations of the relationships between the North Atlantic Oscillation and European winter temperature and precipitation. Studia Geophysica Et Geodaetica, 2007, 51, 575-590.	0.5	28
89	Impact of climate change on low-flows in the river Meuse. Climatic Change, 2007, 82, 351-372.	3.6	103
90	An inter-comparison of regional climate models for Europe: model performance in present-day climate. Climatic Change, 2007, 81, 31-52.	3.6	602
91	Uncertainties in projected impacts of climate change on European agriculture and terrestrial ecosystems based on scenarios from regional climate models. Climatic Change, 2007, 81, 123-143.	3.6	304

#	Article	IF	CITATIONS
92	Modelling daily temperature extremes: recent climate and future changes over Europe. Climatic Change, 2007, 81, 249-265.	3.6	169
93	European winter precipitation extremes and large-scale circulation: a coupled model and its scenarios. Theoretical and Applied Climatology, 2007, 87, 85-102.	2.8	56
94	Trend analysis of precipitation time series in Greece and their relationship with circulation using surface and satellite data: 1955–2001. Theoretical and Applied Climatology, 2007, 87, 155-177.	2.8	179
95	Summer heat waves over western Europe 1880–2003, their relationship to large-scale forcings and predictability. Climate Dynamics, 2007, 29, 251-275.	3.8	273
96	Heatwaves in Europe: areas of homogeneous variability and links with the regional to large-scale atmospheric and SSTs anomalies. Climate Dynamics, 2007, 30, 77-98.	3.8	56
97	Changes in frost, snow and Baltic sea ice by the end of the twenty-first century based on climate model projections for Europe. Climatic Change, 2008, 86, 441-462.	3.6	107
98	Twentieth-century trends in the thermal growing season in the Greater Baltic Area. Climatic Change, 2008, 87, 405-419.	3.6	103
99	Temperature trend over Italy from 1961 to 2004. Theoretical and Applied Climatology, 2008, 91, 51-58.	2.8	80
100	Potential future changes in the characteristics of daily precipitation in Europe simulated by the HIRHAM regional climate model. Climate Dynamics, 2008, 30, 581-603.	3.8	72
101	Intense anticyclone over north-west Russia, early January 2008. Weather, 2008, 63, 174-176.	0.7	0
102	Time variations of the effects of circulation variability modes on European temperature and precipitation in winter. International Journal of Climatology, 2008, 28, 139-158.	3.5	54
103	Non-linearity in statistical downscaling: does it bring an improvement for daily temperature in Europe?. International Journal of Climatology, 2008, 28, 465-477.	3.5	37
104	Changes in temperature extremes over Italy in the last 44 years. International Journal of Climatology, 2008, 28, 733-745.	3.5	80
105	Recent trends in Tuscany (Italy) summer temperature and indices of extremes. International Journal of Climatology, 2008, 28, 1751-1760.	3.5	65
106	A predictive model of the effects of genotypic, pre―and postharvest stages on barley βâ€glucan levels. Journal of the Science of Food and Agriculture, 2008, 88, 2277-2287.	3.5	25
107	Assessing extremal dependence of environmental spatial fields. Environmetrics, 2008, 19, 163-182.	1.4	16
108	The Impact of North Atlantic Wind and Cyclone Trends on European Precipitation and Significant Wave Height in the Atlantic. Annals of the New York Academy of Sciences, 2008, 1146, 212-234.	3.8	99
109	A preliminary investigation of the fish food web in the Gironde estuary, France, using dietary and stable isotope analyses. Estuarine, Coastal and Shelf Science, 2008, 78, 267-279.	2.1	94

#	ARTICLE	IF	CITATIONS
110	Development of agro-environmental scenarios to support pesticide risk assessment in Europe. Science of the Total Environment, 2008, 407, 574-588.	8.0	38
111	Variable spikes in tick-borne encephalitis incidence in 2006 independent of variable tick abundance but related to weather. Parasites and Vectors, 2008, 1 , 44.	2.5	65
112	Storminess and cold air outbreaks in NE America during AD 1790–1820. Geophysical Research Letters, 2008, 35, .	4.0	2
113	Seasonally dependent changes of precipitation extremes over Germany since 1950 from a very dense observational network. Journal of Geophysical Research, 2008, 113, .	3.3	105
114	Past and Current Climate Change. , 2008, , 35-131.		21
115	Developing climatic scenarios for pesticide fate modelling in Europe. Environmental Pollution, 2008, 154, 219-231.	7.5	36
116	Influence of the persistence of circulation patterns on warm and cold temperature anomalies in Europe: Analysis over the 20th century. Global and Planetary Change, 2008, 62, 147-163.	3.5	83
117	Changes of reanalysis-derived Northern Hemisphere summer warm extreme indices during 1948–2006 and links with climate variability. Global and Planetary Change, 2008, 63, 67-78.	3.5	36
118	A fine resolution regional climate change experiment for the Eastern Mediterranean: Analysis of the present climate simulations. Global and Planetary Change, 2008, 64, 93-104.	3.5	14
119	Winter "weekend effect―in southern Europe and its connections with periodicities in atmospheric dynamics. Geophysical Research Letters, 2008, 35, .	4.0	35
120	Intraâ€seasonal atmospheric variability and extreme precipitation events in the Europeanâ€Mediterranean region. Geophysical Research Letters, 2008, 35, .	4.0	13
121	Consequences of More Extreme Precipitation Regimes for Terrestrial Ecosystems. BioScience, 2008, 58, 811-821.	4.9	959
122	A Focus on Climate During the Past 100 Years. , 2008, , 1-25.		9
123	Statistical Characteristics of Daily Precipitation: Comparisons of Gridded and Point Datasets. Journal of Applied Meteorology and Climatology, 2008, 47, 2468-2476.	1.5	95
124	Influence of Modes of Climate Variability on Global Temperature Extremes. Journal of Climate, 2008, 21, 3872-3889.	3.2	190
125	European Climate Extremes and the North Atlantic Oscillation. Journal of Climate, 2008, 21, 72-83.	3.2	243
126	Stationarity of Regression Relationships: Application to Empirical Downscaling. Journal of Climate, 2008, 21, 4529-4537.	3.2	34
127	Spatial and Temporal Trends in Sunshine Duration over Western Europe (1938–2004). Journal of Climate, 2008, 21, 6089-6098.	3.2	117

#	Article	IF	CITATIONS
128	Detection of regional weekly weather cycles across Europe. Environmental Research Letters, 2008, 3, 044005.	5.2	27
129	THE RELEVANCE OF ENVIRONMENTAL CONDITIONS FOR DEPARTURE DECISION CHANGES EN ROUTE IN MIGRATING GEESE. Ecology, 2008, 89, 1953-1960.	3.2	99
130	Geo(Im)pulse River Meuse suspended sediment yield: a new estimate and past estimates revisited. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2008, 87, 189-193.	0.9	11
131	An automated procedure to detect discontinuities; performance assessment and application to a large European climate data set. Meteorologische Zeitschrift, 2008, 17, 663-672.	1.0	19
132	Diurnal temperature range over Europe between 1950 and 2005. Atmospheric Chemistry and Physics, 2008, 8, 6483-6498.	4.9	122
133	Detection of changes in flow variability of the upper Danube between 1876-2006. IOP Conference Series: Earth and Environmental Science, 2008, 4, 012028.	0.3	2
134	Strong increases in flood frequency and discharge of the River Meuse over the late Holocene: impacts of long-term anthropogenic land use change and climate variability. Hydrology and Earth System Sciences, 2008, 12, 159-175.	4.9	86
135	Sow line differences in heat stress tolerance expressed in reproductive performance traits. Journal of Animal Science, 2008, 86, 3330-3337.	0.5	84
136	Climate Change and Modelling of Extreme Temperatures in Switzerland. SSRN Electronic Journal, 0, , .	0.4	3
137	Weather regime dependence of extreme value statistics for summer temperature and precipitation. Nonlinear Processes in Geophysics, 2008, 15, 365-378.	1.3	55
138	Improving Farming Systems in Northern European Conditions. , 2009, , 71-97.		22
139	SEARCHING FOR PERSISTENCE IN ATMOSPHERIC TEMPERATURE TIME SERIES: A RE-VISITATION OF RESULTS FROM DETRENDED FLUCTUATION ANALYSIS. International Journal of Modern Physics B, 2009, 23, 5417-5423.	2.0	3
140	Persistence and Time Trends in the Temperatures in Spain. Advances in Meteorology, 2009, 2009, 1-8.	1.6	6
141	Comparison between the Large-Scale Environments of Moderate and Intense Precipitating Systems in the Mediterranean Region. Monthly Weather Review, 2009, 137, 3933-3959.	1.4	47
142	Improving Estimates of Heavy and Extreme Precipitation Using Daily Records from European Rain Gauges. Journal of Hydrometeorology, 2009, 10, 701-716.	1.9	106
143	The recruitment of Atlantic salmon in Europe. ICES Journal of Marine Science, 2009, 66, 289-304.	2.5	160
144	Variability of extreme temperature and precipitation in Iran during recent decades. International Journal of Climatology, 2009, 29, 329-343.	3.5	173
145	A spatial analysis of extreme hourly precipitation patterns in India. International Journal of Climatology, 2009, 29, 345-355.	3.5	81

#	Article	IF	CITATIONS
146	Updated and extended European dataset of daily climate observations. International Journal of Climatology, 2009, 29, 1182-1191.	3.5	250
147	Monthly precipitation trends on the Mediterranean fringe of the Iberian Peninsula during the secondâ€half of the twentieth century (1951–2000). International Journal of Climatology, 2009, 29, 1415-1429.	3.5	144
148	Trends in heavy precipitation in the Czech Republic over 1961–2005. International Journal of Climatology, 2009, 29, 1745-1758.	3.5	80
149	The role of largeâ€scale eddies in the occurrence of winter precipitation deficits in Portugal. International Journal of Climatology, 2009, 29, 1493-1507.	3.5	28
150	Trends in extreme precipitation indices derived from a daily rainfall database for the South of Portugal. International Journal of Climatology, 2009, 29, 1956-1975.	3.5	123
151	A complete daily precipitation database for northeast Spain: reconstruction, quality control, and homogeneity. International Journal of Climatology, 2010, 30, 1146-1163.	3.5	119
152	Time trends of daily maximum and minimum temperatures in Catalonia (ne Spain) for the period 1975–2004. International Journal of Climatology, 2010, 30, 267-290.	3.5	50
153	Spatial and temporal variability of extreme precipitation in Poland in the period 1951–2006. International Journal of Climatology, 2010, 30, 991-1007.	3.5	62
154	Classification of circulation types: a new flexible automated approach applicable to NCEP and GCM datasets. Theoretical and Applied Climatology, 2009, 96, 3-15.	2.8	25
155	Probabilistic model of maximum precipitation depths for Krak \tilde{A}^3 w (southern Poland, 1886-2002). Theoretical and Applied Climatology, 2009, 98, 37-45.	2.8	10
156	Trends in extremes of temperature, dew point, and precipitation from long instrumental series from central Europe. Theoretical and Applied Climatology, 2009, 98, 187-195.	2.8	38
157	Long-term variability of precipitation series in east central Europe in relation to circulation patterns. Theoretical and Applied Climatology, 2009, 98, 337-350.	2.8	69
158	Improved confidence in climate change projections of precipitation evaluated using daily statistics from the PRUDENCE ensemble. Climate Dynamics, 2009, 32, 1097-1106.	3.8	93
159	Future changes in daily summer temperature variability: driving processes and role for temperature extremes. Climate Dynamics, 2009, 33, 917-935.	3.8	225
160	30 and 43Âmonths period cycles found in air temperature time series using the Morlet wavelet method. Climate Dynamics, 2009, 33, 1117-1129.	3.8	20
161	Determination of the optimum MM5 configuration for long term CMAQ simulations of aerosol bound pollutants in Europe. Environmental Fluid Mechanics, 2009, 9, 91-108.	1.6	12
162	Keeping up with early springs: rapid range expansion in an avian herbivore incurs a mismatch between reproductive timing and food supply. Global Change Biology, 2009, 15, 1057-1071.	9.5	99
163	Statistical analysis and modeling of precipitation data. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, e1169-e1177.	1.1	3

#	Article	IF	Citations
164	Phase-coherent oscillatory modes in solar and geomagnetic activity and climate variability. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 923-930.	1.6	25
165	ARIMA representation for daily solar irradiance and surface air temperature time series. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 841-847.	1.6	29
166	Spatial downscaling of TRMM precipitation using vegetative response on the Iberian Peninsula. Remote Sensing of Environment, 2009, 113, 362-370.	11.0	223
167	Changing seasonality in Europe's air temperature. European Physical Journal: Special Topics, 2009, 174, 81-89.	2.6	6
168	Multi-year cycles observed in air temperature data and proxy series. European Physical Journal: Special Topics, 2009, 174, 135-145.	2.6	6
169	Contaminant fluxes from point and diffuse sources from abandoned mines in the River Tamar catchment, UK. Journal of Geochemical Exploration, 2009, 100, 116-124.	3.2	66
170	Is daily precipitation Gamma-distributed?. Atmospheric Research, 2009, 93, 759-766.	4.1	61
171	3-hourly quantitative precipitation estimation over Central and Northern Europe from rain gauge and radar data. Atmospheric Research, 2009, 94, 544-554.	4.1	10
172	Origins of the extremely warm European fall of 2006. Geophysical Research Letters, 2009, 36, .	4.0	23
173	Control of recent European surface climate change by atmospheric flow. Geophysical Research Letters, 2009, 36, .	4.0	65
174	Seasonal characteristics of the relationship between daily precipitation intensity and surface temperature. Journal of Geophysical Research, 2009, 114 , .	3.3	208
175	The Response of Spring Arrival Dates of Non-Passerine Migrants to Climate Change: A Case Study from Eastern Baltic. Acta Zoologica Lituanica, 2009, 19, 155-171.	0.3	4
176	Within season short-term hatching delays suggest risk-spreading behaviour in populations of the freshwater cladoceran <i>Daphnia</i> . Ecoscience, 2009, 16, 441-451.	1.4	19
177	Long-term variability of the temperature time series recorded in Lisbon. Journal of Applied Statistics, 2009, 36, 323-337.	1.3	16
178	On the relationship between diurnal temperature range and surface solar radiation in Europe. Journal of Geophysical Research, 2009, 114, .	3.3	73
179	Homogenization of daily maximum temperature series in the Mediterranean. Journal of Geophysical Research, 2009, 114, .	3.3	58
180	Statistical representation of temperature mean and variability in Europe. Geophysical Research Letters, 2009, 36, .	4.0	19
181	Trends in joint quantiles of temperature and precipitation in Europe since 1901 and projected for 2100. Geophysical Research Letters, 2009, 36, .	4.0	121

#	Article	IF	Citations
182	Geomagnetic activity and polar surface air temperature variability. Journal of Geophysical Research, 2009, 114 , .	3.3	135
183	A comparison of the observed trends and simulated changes in extreme climate indices in the Carpathian Basin by the end of this century. International Journal of Global Warming, 2009, 1, 336.	0.5	11
184	Discriminating low frequency components from long range persistent fluctuations in daily atmospheric temperature variability. Atmospheric Chemistry and Physics, 2009, 9, 4537-4544.	4.9	13
185	Uncertainty in the Global Average Surface Air Temperature Index: A Representative Lower Limit. Energy and Environment, 2010, 21, 969-989.	4.6	9
186	Key questions and uncertainties associated with the assessment of the cropland greenhouse gas balance. Agriculture, Ecosystems and Environment, 2010, 139, 293-301.	5. 3	71
187	The carbon balance of European croplands: A cross-site comparison of simulation models. Agriculture, Ecosystems and Environment, 2010, 139, 419-453.	5. 3	55
188	Mean and variance evolutions of the hot and cold temperatures in Europe. Climate Dynamics, 2010, 34, 345-359.	3.8	23
189	Improved confidence in climate change projections of precipitation further evaluated using daily statistics from ENSEMBLES models. Climate Dynamics, 2010, 35, 1509-1520.	3.8	101
190	Intra-annual link of spring and autumn precipitation over France. Climate Dynamics, 2010, 35, 1207-1218.	3.8	9
191	Influence of circulation types on temperature extremes in Europe. Theoretical and Applied Climatology, 2010, 99, 431-439.	2.8	37
192	Statistical distributions of daily rainfall regime in Europe for the period 1951–2000. Theoretical and Applied Climatology, 2010, 102, 213-226.	2.8	22
193	Climate change and modelling of extreme temperatures in Switzerland. Stochastic Environmental Research and Risk Assessment, 2010, 24, 311-326.	4.0	25
194	Trends in warm days and cold nights over the Iberian Peninsula: relationships to large-scale variables. Climatic Change, 2010, 100, 667-684.	3.6	70
195	Estimating travel time of recharge water through a deep vadose zone using a transfer function model. Environmental Fluid Mechanics, 2010, 10, 121-135.	1.6	29
196	The 2003 heat wave in France: hydratation status changes in older inpatients. European Journal of Epidemiology, 2010, 25, 517-524.	5.7	24
197	Effects of Temperature–Climate Patterns on the Production of Some Competitive Species on Grounds of Modelling. Environmental Modeling and Assessment, 2010, 15, 369-380.	2.2	5
198	Has streamflow changed in the Nordic countries? – Recent trends and comparisons to hydrological projections. Journal of Hydrology, 2010, 394, 334-346.	5 . 4	189
199	Regularization parameter choice in locally linear embedding. Neurocomputing, 2010, 73, 1595-1605.	5.9	21

#	Article	IF	CITATIONS
200	Assessing the effect of soil tillage on crop growth: A meta-regression analysis on European crop yields under conservation agriculture. European Journal of Agronomy, 2010, 33, 231-241.	4.1	221
201	Flexibility of Timing of Avian Migration to Climate Change Masked by Environmental Constraints En Route. Current Biology, 2010, 20, 243-248.	3.9	128
202	Different ways to compute temperature return levels in the climate change context. Environmetrics, 2010, 21, 698-718.	1.4	81
203	Tracing growing degreeâ€day changes in the cuticle morphology of <i>Betula nana</i> leaves: a new microâ€phenological palaeoâ€proxy. Journal of Quaternary Science, 2010, 25, 1008-1017.	2.1	20
204	Annual and seasonal mean temperatures in Finland during the last 160 years based on gridded temperature data. International Journal of Climatology, 2010, 30, 2247-2256.	3.5	99
205	Changes in occurrences of temperature extremes in continental Portugal: a stochastic approach. Meteorological Applications, 2010, 17, 404-418.	2.1	9
206	Is rainfall erosivity increasing in the Mediterranean Iberian Peninsula?. Land Degradation and Development, 2010, 21, 139-144.	3.9	72
207	A solar pattern in the longest temperature series from three stations in Europe. Journal of Atmospheric and Solar-Terrestrial Physics, 2010, 72, 62-76.	1.6	20
208	A statistically significant signature of multi-decadal solar activity changes in atmospheric temperatures at three European stations. Journal of Atmospheric and Solar-Terrestrial Physics, 2010, 72, 595-606.	1.6	15
209	An evaluation of three biometeorological indices for human thermal comfort in urban outdoor areas under real climatic conditions. Building and Environment, 2010, 45, 1346-1352.	6.9	96
210	Climate change and electricity consumptionâ€"Witnessing increasing or decreasing use and costs?. Energy Policy, 2010, 38, 2409-2419.	8.8	111
211	Evidence of climate change effects on withinâ€winter movements of European Mallards <i>Anas platyrhynchos</i> . lbis, 2010, 152, 600-609.	1.9	51
212	Temperatureâ€induced plasticity in egg size and resistance of eggs to temperature stress in a soil arthropod. Functional Ecology, 2010, 24, 1291-1298.	3.6	29
213	Rainfall distribution is the main driver of runoff under future CO ₂ â€concentration in a temperate deciduous forest. Global Change Biology, 2010, 16, 246-254.	9.5	68
214	Tits on the move: exploring the impact of environmental change on blue tit and great tit migration distance. Journal of Animal Ecology, 2010, 79, 350-357.	2.8	29
215	The effect of past changes in interâ€annual temperature variability on tree distribution limits. Journal of Biogeography, 2010, 37, 1394-1405.	3.0	32
216	A critical look at solar-climate relationships from long temperature series. Climate of the Past, 2010, 6, 745-758.	3.4	9
217	The Empirical Forcing Function as a tool for the diagnosis of large-scale atmospheric anomalies. Annales Geophysicae, 2010, 28, 75-87.	1.6	2

#	ARTICLE	IF	CITATIONS
218	Streamflow trends in Europe: evidence from a dataset of near-natural catchments. Hydrology and Earth System Sciences, 2010, 14, 2367-2382.	4.9	370
219	Statistical issues about solar–climate relations. Climate of the Past, 2010, 6, 565-573.	3.4	12
220	Multi-Months Cycles Observed in Climatic Data. , 2010, , .		1
221	Complex behaviour and predictability of the European dry spell regimes. Nonlinear Processes in Geophysics, 2010, 17, 499-512.	1.3	13
222	Temperature extremes in the Mediterranean area: trends in the past and assessments for the future. Natural Hazards and Earth System Sciences, 2010, 10, 2039-2050.	3.6	56
223	Extreme weather events and power systems with high wind penetration: case study on the Irish winter of 2009/10., 2010,,.		0
225	Numerical Modeling of the Severe Cold Weather Event over Central Europe (January 2006). Advances in Meteorology, 2010, 2010, 1-15.	1.6	8
226	Relation between Large-Scale Circulation and European Winter Temperature: Does It Hold under Warmer Climate?. Journal of Climate, 2010, 23, 3752-3760.	3.2	11
227	Growth and yield response of winter wheat to soil warming and rainfall patterns. Journal of Agricultural Science, 2010, 148, 553-566.	1.3	57
228	Climatic and oceanic influences on the abundance of gelatinous zooplankton in the North Sea. Journal of the Marine Biological Association of the United Kingdom, 2010, 90, 1153-1159.	0.8	38
229	Heat wave changes in the eastern Mediterranean since 1960. Geophysical Research Letters, 2010, 37, .	4.0	263
230	Weather regimes designed for local precipitation modeling: Application to the Mediterranean basin. Journal of Geophysical Research, 2010, 115, .	3.3	21
231	A validation of heat and carbon fluxes from highâ€resolution land surface and regional models. Journal of Geophysical Research, 2010, 115, .	3.3	16
232	Winter 2010 in Europe: A cold extreme in a warming climate. Geophysical Research Letters, 2010, 37, .	4.0	379
233	A critical remark on the applicability of Eâ€OBS European gridded temperature data set for validating control climate simulations. Journal of Geophysical Research, 2010, 115, .	3.3	74
234	Solar Minima, Earth's rotation and Little Ice Ages in the past and in the future. Global and Planetary Change, 2010, 72, 282-293.	3.5	27
235	Tree reactions and dune movements: Slowinski National Park, Poland. Catena, 2010, 81, 55-65.	5.0	20
236	Synoptic-climatological applicability of circulation classifications from the COST733 collection: First results. Physics and Chemistry of the Earth, 2010, 35, 388-394.	2.9	49

#	Article	IF	CITATIONS
237	Extreme values of air temperature in Poland according to different atmospheric circulation classifications. Physics and Chemistry of the Earth, 2010, 35, 429-436.	2.9	53
238	Analysis of precipitation conditions for the Carpathian Basin based on extreme indices in the 20th century and climate simulations for 2050 and 2100. Physics and Chemistry of the Earth, 2010, 35, 43-51.	2.9	32
239	Global river temperatures and sensitivity to atmospheric warming and changes in river flow. Water Resources Research, 2011, 47, .	4.2	251
240	Stochastic downscaling of precipitation with neural network conditional mixture models. Water Resources Research, $2011,47,\ldots$	4.2	30
241	European cold winter 2009-2010: How unusual in the instrumental record and how reproducible in the ARPEGE-Climat model?. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	35
242	Warming and drying of the eastern Mediterranean: Additional evidence from trend analysis. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	52
243	Winter wheat yield response to climate variability in Denmark. Journal of Agricultural Science, 2011, 149, 33-47.	1.3	124
244	Extreme value and cluster analysis of European daily temperature series. Journal of Applied Statistics, 2011, 38, 2793-2804.	1.3	15
245	Summer droughts depress radial growth of Picea abies in pristine taiga of the Arkhangelsk province, northwestern Russia. Dendrochronologia, 2011, 29, 67-75.	2.2	31
246	Spatial analysis of mean temperature trends in Spain over the period 1961–2006. Global and Planetary Change, 2011, 78, 65-75.	3.5	93
247	A European daily high-resolution observational gridded data set of sea level pressure. Journal of Geophysical Research, 2011, 116, .	3.3	117
248	The distribution and abundance of chironomids in high-latitude Eurasian lakes with respect to temperature and continentality: development and application of new chironomid-based climate-inference models in northern Russia. Quaternary Science Reviews, 2011, 30, 1122-1141.	3.0	80
249	The nature of MIS 3 stadial–interstadial transitions in Europe: New insights from model–data comparisons. Quaternary Science Reviews, 2011, 30, 3618-3637.	3.0	58
250	Evolution of extreme temperatures in a warming climate. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	61
251	Downscaling of surface moisture flux and precipitation in the Ebro Valley (Spain) using analogues and analogues followed by random forests and multiple linear regression. Hydrology and Earth System Sciences, 2011, 15, 1895-1907.	4.9	86
253	The history and characteristics of the 1980–2005 Portuguese rural fire database. Natural Hazards and Earth System Sciences, 2011, 11, 3343-3358.	3.6	116
254	Summarising changes in air temperature over Central Europe by quantile regression and clustering. Natural Hazards and Earth System Sciences, 2011, 11, 3227-3233.	3.6	46
255	What are the main climate drivers for shrub growth in Northeastern Siberian tundra?. Biogeosciences, 2011, 8, 1169-1179.	3.3	147

#	Article	IF	CITATIONS
256	Valuing the Welfare Cost of Forest Fires: a Life Satisfaction Approach. Kyklos, 2011, 64, 556-578.	1.4	42
257	Have jellyfish in the Irish Sea benefited from climate change and overfishing?. Global Change Biology, 2011, 17, 767-782.	9.5	109
258	Agroclimatic conditions in Europe under climate change. Global Change Biology, 2011, 17, 2298-2318.	9.5	315
259	Climate effects on life cycle variation and population genetic architecture of the black bean aphid, Aphis fabae. Molecular Ecology, 2011, 20, 4165-4181.	3.9	33
260	Population dynamics of three songbird species in a nestbox population in Central Europe show effects of density, climate and competitive interactions. Ibis, 2011, 153, 806-817.	1.9	8
261	Tree mortality episodes in the intact Picea abies-dominated taiga in the Arkhangelsk region of northern European Russia. Journal of Vegetation Science, 2011, 22, 322-333.	2.2	54
262	Climate Scenario Development and Applications for Local/Regional Climate Change Impact Assessments: An Overview for the Non-Climate Scientist. Geography Compass, 2011, 5, 301-328.	2.7	37
263	Fatty acid composition and extreme temperature tolerance following exposure to fluctuating temperatures in a soil arthropod. Journal of Insect Physiology, 2011, 57, 1267-1273.	2.0	35
264	Impacts and adaptation of European crop production systems to climate change. European Journal of Agronomy, 2011, 34, 96-112.	4.1	902
265	Climate warming, ecological mismatch at arrival and population decline in migratory birds. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 835-842.	2.6	321
266	Seasonality of European warming: Influence of the tropics. Doklady Earth Sciences, 2011, 440, 1316-1319.	0.7	0
267	Northern Hemisphere patterns of phase coherence between solar/geomagnetic activity and NCEP/NCAR and ERA40 near-surface air temperature in period 7–8 years oscillatory modes. Nonlinear Processes in Geophysics, 2011, 18, 251-260.	1.3	11
268	Grapevine harvest dates in Besançon (France) between 1525 and 1847: Social outcomes or climatic evidence?. Climatic Change, 2011, 104, 703-727.	3.6	41
269	Climatic trends and different drought adaptive capacity and vulnerability in a mixed Abies pinsapo–Pinus halepensis forest. Climatic Change, 2011, 105, 67-90.	3.6	65
270	Impact of recent climatic change on growth of low elevation eastern Mediterranean forest trees. Climatic Change, 2011, 106, 203-223.	3.6	103
271	Water relations of climbing ivy in a temperate forest. Planta, 2011, 233, 1087-1096.	3.2	10
272	Multidecadal changes in winter circulation-climate relationship in Europe: frequency variations, within-type modifications, and long-term trends. Climate Dynamics, 2011, 36, 957-972.	3.8	46
273	Impact of soil moisture–atmosphere coupling on European climate extremes and trends in a regional climate model. Climate Dynamics, 2011, 36, 1919-1939.	3.8	186

#	Article	IF	CITATIONS
274	The Cooling Capacity of Mosses: Controls on Water and Energy Fluxes in a Siberian Tundra Site. Ecosystems, 2011, 14, 1055-1065.	3.4	116
275	Response of the water balance in Greece to temperature and precipitation trends. Theoretical and Applied Climatology, 2011, 104, 13-24.	2.8	128
276	Short-term effect of fine particulate matter (PM2.5) and ozone on daily mortality in Lisbon, Portugal. Environmental Science and Pollution Research, 2011, 18, 1585-1592.	5.3	57
277	Economic downturn results in tick-borne disease upsurge. Parasites and Vectors, 2011, 4, 35.	2.5	46
278	Indices for monitoring changes in extremes based on daily temperature and precipitation data. Wiley Interdisciplinary Reviews: Climate Change, 2011, 2, 851-870.	8.1	1,325
279	PRET, the Probability of RETurn: a new probabilistic product based on generalized extremeâ€value theory. Quarterly Journal of the Royal Meteorological Society, 2011, 137, 521-537.	2.7	9
280	Estimating 10000â€year return values from short time series. International Journal of Climatology, 2011, 31, 115-126.	3.5	24
281	Spatial variations of climate indices in Turkey. International Journal of Climatology, 2011, 31, 394-403.	3.5	111
282	A new tool for monthly precipitation analysis in Spain: MOPREDAS database (monthly precipitation) Tj ETQq0 0	0 rgBT /Ον	erlock 10 Tf 5
283	Regional and seasonal variability of extreme precipitation trends in southern Poland and centralâ€eastern Germany 1951–2006. International Journal of Climatology, 2011, 31, 2249-2271.	3.5	81
283	Regional and seasonal variability of extreme precipitation trends in southern Poland and centralâ€eastern Germany 1951–2006. International Journal of Climatology, 2011, 31, 2249-2271. Prediction of daily maximum temperature using a support vector regression algorithm. Renewable Energy, 2011, 36, 3054-3060.	3.5 8.9	81 69
	centralâ€eastern Germany 1951–2006. International Journal of Climatology, 2011, 31, 2249-2271. Prediction of daily maximum temperature using a support vector regression algorithm. Renewable		
284	centralâ€eastern Germany 1951–2006. International Journal of Climatology, 2011, 31, 2249-2271. Prediction of daily maximum temperature using a support vector regression algorithm. Renewable Energy, 2011, 36, 3054-3060. Evolution of extreme temperatures over Portugal: recent changes and future scenarios. Climate	8.9	69
284	centralâ€eastern Germany 1951–2006. International Journal of Climatology, 2011, 31, 2249-2271. Prediction of daily maximum temperature using a support vector regression algorithm. Renewable Energy, 2011, 36, 3054-3060. Evolution of extreme temperatures over Portugal: recent changes and future scenarios. Climate Research, 2011, 48, 177-192. The response of Arctic vegetation to the summer climate: relation between shrub cover, NDVI, surface	8.9	69 72
284 285 287	Prediction of daily maximum temperature using a support vector regression algorithm. Renewable Energy, 2011, 36, 3054-3060. Evolution of extreme temperatures over Portugal: recent changes and future scenarios. Climate Research, 2011, 48, 177-192. The response of Arctic vegetation to the summer climate: relation between shrub cover, NDVI, surface albedo and temperature. Environmental Research Letters, 2011, 6, 035502. Crop responses to temperature and precipitation according to long-term multi-location trials at	8.9 1.1 5.2	69 72 126
284 285 287 288	Prediction of daily maximum temperature using a support vector regression algorithm. Renewable Energy, 2011, 36, 3054-3060. Evolution of extreme temperatures over Portugal: recent changes and future scenarios. Climate Research, 2011, 48, 177-192. The response of Arctic vegetation to the summer climate: relation between shrub cover, NDVI, surface albedo and temperature. Environmental Research Letters, 2011, 6, 035502. Crop responses to temperature and precipitation according to long-term multi-location trials at high-latitude conditions. Journal of Agricultural Science, 2011, 149, 49-62. Climate-induced overwintering challenges for wheat and rye in northern agriculture. Acta	8.9 1.1 5.2	69 72 126
284 285 287 288 289	Prediction of daily maximum temperature using a support vector regression algorithm. Renewable Energy, 2011, 36, 3054-3060. Evolution of extreme temperatures over Portugal: recent changes and future scenarios. Climate Research, 2011, 48, 177-192. The response of Arctic vegetation to the summer climate: relation between shrub cover, NDVI, surface albedo and temperature. Environmental Research Letters, 2011, 6, 035502. Crop responses to temperature and precipitation according to long-term multi-location trials at high-latitude conditions. Journal of Agricultural Science, 2011, 149, 49-62. Climate-induced overwintering challenges for wheat and rye in northern agriculture. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2011, 61, 75-83.	8.9 1.1 5.2 1.3	69 72 126 95 21

#	Article	IF	CITATIONS
293	The Influence of Geography on the Spatial Agglomeration of Production in the European Union. Spatial Economic Analysis, 2012, 7, 247-263.	1.6	11
294	Specification of wet-day daily rainfall quantiles from the mean value. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 64, 14981.	1.7	14
295	Heatwave classification over Europe and the Mediterranean region. Environmental Research Letters, 2012, 7, 014023.	5.2	224
296	Extreme summer temperatures in Western Europe. Advances in Science and Research, 2012, 8, 5-9.	1.0	6
297	Extreme weather events and road and rail transportation in Germany. International Journal of Emergency Management, 2012, 8, 207.	0.0	6
298	Break detection of annual Swiss temperature series. Journal of Geophysical Research, 2012, 117, .	3.3	28
299	On the statistical significance of surface air temperature trends in the Eurasian Arctic region. Geophysical Research Letters, 2012, 39, .	4.0	23
300	Quantifying trends in surface roughness and the effect on surface wind speed observations. Journal of Geophysical Research, 2012, 117 , .	3.3	76
301	WRF high resolution dynamical downscaling of ERA-Interim for Portugal. Climate Dynamics, 2012, 39, 2497-2522.	3.8	207
302	Long-term increase of March temperature has no negative impact on tree rings of European larch (Larix decidua) in lowland Poland. Trees - Structure and Function, 2012, 26, 1895-1903.	1.9	28
303	Assessment of gridded observations used for climate model validation in the Mediterranean region: the HyMeX and MED-CORDEX framework. Environmental Research Letters, 2012, 7, 024017.	5.2	26
304	Seasonal hydrochemical changes and spatial sedimentological variations in Lake Iznik (NW Turkey). Quaternary International, 2012, 274, 102-111.	1.5	22
305	Data centers and energy balance in Finland. , 2012, , .		2
306	An Overview of the Global Historical Climatology Network-Daily Database. Journal of Atmospheric and Oceanic Technology, 2012, 29, 897-910.	1.3	1,330
307	Seasonal temperature and precipitation variability during the last 60Âyears in a Mediterranean climate area of Northeastern Spain: a multivariate analysis. Theoretical and Applied Climatology, 2012, 110, 35-53.	2.8	18
308	Direct and indirect effects of winter harshness on the survival of Mallards <i>Anas platyrhynchos</i> in northwest Europe. Ibis, 2012, 154, 307-317.	1.9	35
309	Regional variability and driving forces behind forest fires in Portugal an overview of the last three decades (1980–2009). Applied Geography, 2012, 34, 576-586.	3.7	72
310	Global precipitation measurement: Methods, datasets and applications. Atmospheric Research, 2012, 104-105, 70-97.	4.1	363

#	ARTICLE	IF	CITATIONS
311	Tree ring width and wood density as the indicators of climatic factors and insect outbreaks affecting spruce growth. Ecological Indicators, 2012, 23, 332-337.	6.3	24
312	Local habitat and landscape affect Ixodes ricinus tick abundances in forests on poor, sandy soils. Forest Ecology and Management, 2012, 265, 30-36.	3.2	59
313	Explaining Extreme Events of 2011 from a Climate Perspective. Bulletin of the American Meteorological Society, 2012, 93, 1041-1067.	3.3	298
314	Sex cells in changing environments: can organisms adjust the physiological function of gametes to different temperatures?. Global Change Biology, 2012, 18, 1797-1803.	9.5	26
315	Lunar perturbations in variations of earth angular velocity and atmospheric pressure. Russian Meteorology and Hydrology, 2012, 37, 514-520.	1.3	1
316	Trends in European precipitation extremes over 1951–2010. International Journal of Climatology, 2013, 33, 2682-2689.	3. 5	116
317	Synoptic messages to extend climate data records. Journal of Geophysical Research, 2012, 117, .	3.3	17
318	Assessment of the ENSEMBLES regional climate models in the representation of precipitation variability and extremes over Portugal. Journal of Geophysical Research, 2012, 117, .	3.3	54
319	Solar influence on winter severity in central Europe. Geophysical Research Letters, 2012, 39, .	4.0	22
320	Effects of interactive vegetation phenology on the 2003 summer heat waves. Journal of Geophysical Research, 2012, 117, .	3.3	72
321	Links between NAO fluctuations and inter-annual variability of winter-months precipitation in the Seine River watershed (north-western France). Comptes Rendus - Geoscience, 2012, 344, 396-405.	1.2	21
322	Solar Energy and Free Cooling Potential in European Data Centers. Procedia Computer Science, 2012, 10, 1004-1009.	2.0	19
323	Local spatiotemporal dynamics of a simple aridity index in a region susceptible to desertification. Journal of Arid Environments, 2012, 87, 8-18.	2.4	23
324	Watershed-wide trend analysis of temperature characteristics in Karun-Dez watershed, southwestern Iran. Theoretical and Applied Climatology, 2012, 110, 311-320.	2.8	16
325	PestLCI 2.0: a second generation model for estimating emissions of pesticides from arable land in LCA. International Journal of Life Cycle Assessment, 2012, 17, 973-986.	4.7	120
326	Climate change in Europe and effects on thermal resources for crops. International Journal of Biometeorology, 2012, 56, 1123-1134.	3.0	37
327	Seasonal Predictability of Wintertime Precipitation in Europe Using the Snow Advance Index. Journal of Climate, 2012, 25, 4023-4028.	3.2	29
328	Tundra in the Rain: Differential Vegetation Responses to Three Years of Experimentally Doubled Summer Precipitation in Siberian Shrub and Swedish Bog Tundra. Ambio, 2012, 41, 269-280.	5.5	30

#	Article	IF	CITATIONS
329	Recovery of Meteorological Data for the Observatory of A Guarda, Spain. PLoS ONE, 2012, 7, e39281.	2.5	4
330	European Snow Cover Characteristics between 2000 and 2011 Derived from Improved MODIS Daily Snow Cover Products. Remote Sensing, 2012, 4, 2432-2454.	4.0	82
331	Energy and Environment. , 0, , 191-254.		2
332	Heat stress effects on farrowing rate in sows: Genetic parameter estimation using within-line and crossbred models1. Journal of Animal Science, 2012, 90, 2109-2119.	0.5	35
333	Sensitivity of fire weather index to different reanalysis products in the Iberian Peninsula. Natural Hazards and Earth System Sciences, 2012, 12, 699-708.	3.6	52
334	Continental atmospheric circulation over Europe during the Little Ice Age inferred from grape harvest dates. Climate of the Past, 2012, 8, 577-588.	3.4	14
335	Reconstruction of high resolution atmospheric fields for Northern Europe using analog-upscaling. Climate of the Past, 2012, 8, 1681-1703.	3.4	48
336	An open-access database of grape harvest dates for climate research: data description and quality assessment. Climate of the Past, 2012, 8, 1403-1418.	3.4	51
337	Filling the white space on maps of European runoff trends: estimates from a multi-model ensemble. Hydrology and Earth System Sciences, 2012, 16, 2035-2047.	4.9	134
338	Daily precipitation concentration across Europe 1971–2010. Natural Hazards and Earth System Sciences, 2012, 12, 2799-2810.	3.6	97
339	Spatially and temporally consistent prediction of heavy precipitation from mean values. Nature Climate Change, 2012, 2, 544-547.	18.8	53
340	Obsolete pesticide storage sites and their POP release into the environment—an Armenian case study. Environmental Science and Pollution Research, 2012, 19, 1944-1952.	5.3	22
341	Change-point analysis for serially correlated summit temperatures in the Romanian Carpathians. Theoretical and Applied Climatology, 2012, 108, 9-18.	2.8	18
342	Climate change scenarios for precipitation extremes in Portugal. Theoretical and Applied Climatology, 2012, 108, 217-234.	2.8	77
343	Normalised monthly shortage curves: a contribution for a better understanding of monthly rain deficit in Western Europe. Theoretical and Applied Climatology, 2012, 108, 535-552.	2.8	1
344	Human-mediated long-distance jumps of the pine processionary moth in Europe. Biological Invasions, 2012, 14, 1557-1569.	2.4	55
345	Corticosterone and brood abandonment in a passerine bird. Animal Behaviour, 2012, 84, 261-268.	1.9	66
346	Regrowth simulation of the perennial grass timothy. Ecological Modelling, 2012, 232, 64-77.	2.5	26

#	Article	IF	CITATIONS
347	Wind generation output during cold weather-driven electricity demand peaks in Ireland. Energy, 2012, 39, 48-53.	8.8	29
348	Model of the Regional Coupled Earth system (MORCE): Application to process and climate studies in vulnerable regions. Environmental Modelling and Software, 2012, 35, 1-18.	4.5	57
349	Climate change, breeding date and nestling diet: how temperature differentially affects seasonal changes in pied flycatcher diet depending on habitat variation. Journal of Animal Ecology, 2012, 81, 926-936.	2.8	101
350	Long-term damage to glass in Paris in a changing environment. Science of the Total Environment, 2012, 431, 151-156.	8.0	16
351	Low temperature tolerance and starvation ability of the oak processionary moth: implications in a context of increasing epidemics. Agricultural and Forest Entomology, 2012, 14, 239-250.	1.3	15
352	Precipitation variability and change in the Calabria region (Italy) from a high resolution daily dataset. International Journal of Climatology, 2012, 32, 57-73.	3.5	122
353	A test for networkâ€wide trends in rainfall extremes. International Journal of Climatology, 2012, 32, 86-94.	3. 5	14
354	Summer nightâ€time temperature trends on the Iberian Peninsula and their connection with largeâ€scale atmospheric circulation patterns. International Journal of Climatology, 2012, 32, 1326-1335.	3.5	14
355	Development of statistical models for atâ€site probabilistic seasonal rainfall forecast. International Journal of Climatology, 2012, 32, 2197-2212.	3.5	27
356	Analyses of annual and seasonal maximum daily rainfall accumulations for Ukraine, Moldova, and Romania. International Journal of Climatology, 2012, 32, 2213-2226.	3.5	24
357	Dynamic downscaling of global climate projections for Eastern Europe with a horizontal resolution of 7Âkm. Environmental Earth Sciences, 2012, 65, 1475-1482.	2.7	36
358	Air temperature trend and the impact on winter wheat phenology in Romania. Climatic Change, 2012, 111, 393-410.	3.6	69
359	Mediterranean warming is especially due to summer season. Theoretical and Applied Climatology, 2012, 107, 279-295.	2.8	40
360	Extreme precipitation in Europe: statistical threshold selection based on climatological criteria. Theoretical and Applied Climatology, 2012, 107, 479-489.	2.8	54
361	A daily homogenized temperature data set for Australia. International Journal of Climatology, 2013, 33, 1510-1529.	3. 5	159
362	An assessment of the role of homogenization protocol in the performance of daily temperature series and trends: application to northeastern Spain. International Journal of Climatology, 2013, 33, 87-108.	3.5	36
363	Exploring the behaviour of atmospheric temperatures under dry conditions in Europe: evolution since the midâ€20th century and projections for the end of the 21st century. International Journal of Climatology, 2013, 33, 457-462.	3.5	14
364	The deterrent effects of the penalty points system for driving offences: a regression discontinuity approach. Empirical Economics, 2013, 45, 965-985.	3.0	40

#	Article	IF	CITATIONS
365	Prediction of flu epidemic activity with dynamical model based on weather forecast. Ecological Complexity, 2013, 15, 109-113.	2.9	2
366	Past and Current Climate Changes in the Mediterranean Region. Advances in Global Change Research, 2013, , 9-51.	1.6	9
367	Could drought conditions trigger Schmallenberg virus and other arboviruses circulation?. International Journal of Health Geographics, 2013, 12, 7.	2.5	7
368	Fluctuating selection and immigration as determinants of the phenotypic composition of a population. Oecologia, 2013, 173, 305-317.	2.0	13
369	Severe winter rings of oak trees (Quercus robur L.) from Central European Russia. International Journal of Biometeorology, 2013, 57, 835-843.	3.0	7
370	Climate trends in indices for temperature and precipitation across New York State, 1948–2008. Air Quality, Atmosphere and Health, 2013, 6, 247-257.	3.3	39
371	Multidecadal oscillatory behaviour of rainfall extremes in Europe. Climatic Change, 2013, 120, 931-944.	3.6	110
372	Evaluating climate change at the Croatian Adriatic from observations and regional climate models' simulations. Climate Dynamics, 2013, 41, 2353-2373.	3.8	32
373	Precipitation and temperature space–time variability and extremes in the Mediterranean region: evaluation of dynamical and statistical downscaling methods. Climate Dynamics, 2013, 40, 2687-2705.	3.8	63
374	North-Atlantic dynamics and European temperature extremes in the IPSL model: sensitivity to atmospheric resolution. Climate Dynamics, 2013, 40, 2293-2310.	3.8	21
375	Spatial and temporal variations of light rain events over China and the mid-high latitudes of the Northern Hemisphere. Science Bulletin, 2013, 58, 1402-1411.	1.7	30
376	European dry spell length distributions, years 1951–2000. Theoretical and Applied Climatology, 2013, 114, 531-551.	2.8	23
377	Glacier Mapper – a new method designed to assess change in mountain glaciers. International Journal of Remote Sensing, 2013, 34, 8475-8490.	2.9	16
378	Recent changes in reference evapotranspiration in Romania. Global and Planetary Change, 2013, 111, 127-136.	3.5	85
379	Reaction of Silver Fir ($\langle i \rangle$ Abies alba $\langle i \rangle$) Growing Outside its Natural Range to Extreme Weather Events and a Long-Term Increase In March temperature. Tree-Ring Research, 2013, 69, 49-61.	0.6	5
380	Assessing urbanisation effects on rainfall-runoff using a remote sensing supported modelling strategy. International Journal of Applied Earth Observation and Geoinformation, 2013, 21, 92-102.	2.8	54
381	Modeling electricity wholesale markets with model predictive and profit maximizing agents. IEEE Transactions on Power Systems, 2013, 28, 868-876.	6.5	19
382	Changes in daily temperature and precipitation extremes in the Yellow River Basin, China. Stochastic Environmental Research and Risk Assessment, 2013, 27, 401-421.	4.0	93

#	Article	IF	Citations
383	Winter precipitation in Western Italian Alps (1926–2010). Meteorology and Atmospheric Physics, 2013, 119, 125-136.	2.0	43
384	Crop responses to climate and socioeconomic change in northern regions. Regional Environmental Change, 2013, 13, 17-32.	2.9	15
385	Quantification of long-term wastewater impacts on karst groundwater resources in a semi-arid environment by chloride mass balance methods. Journal of Hydrology, 2013, 502, 177-190.	5.4	47
386	A conditional disaggregation algorithm for generating fine time-scale rainfall data in a warmer climate. Journal of Hydrology, 2013, 479, 86-99.	5.4	45
387	Towards making willows potential bio-resources in the South: Northern Salix hybrids can cope with warm and dry climate when irrigated. Biomass and Bioenergy, 2013, 51, 136-144.	5.7	13
388	Evaluation of the effect of the Power of One campaign on natural gas consumption. Energy Policy, 2013, 62, 978-988.	8.8	11
389	Changes in precipitation extremes on the Black Sea Western Coast. Global and Planetary Change, 2013, 10-19.	3.5	68
390	Spatial distribution of introduced Norway spruce growth in lowland Poland: The influence of changing climate and extreme weather events. Quaternary International, 2013, 283, 139-146.	1.5	28
392	Recent changes in daily precipitation and surface air temperature extremes in mainland Portugal, in the period 1941–2007. Atmospheric Research, 2013, 127, 195-209.	4.1	83
393	Adjustment of extreme rainfall statistics accounting for multidecadal climate oscillations. Journal of Hydrology, 2013, 490, 126-133.	5.4	60
394	Statistical–dynamical downscaling of present day and future precipitation regimes in the Aksu river catchment in Central Asia. Global and Planetary Change, 2013, 107, 36-49.	3.5	16
395	Spring and summer extreme temperatures in Iberia during last century in relation to circulation types. Atmospheric Research, 2013, 127, 154-177.	4.1	32
396	Summer droughts limit tree growth across 10 temperate species on a productive forest site. Forest Ecology and Management, 2013, 306, 142-149.	3.2	39
397	Biogeographic comparisons of herbivore attack, growth and impact of <scp>J</scp> apanese knotweed between <scp>J</scp> apan and <scp>F</scp> rance. Journal of Ecology, 2013, 101, 118-127.	4.0	21
398	On the sampling distribution of Allan factor estimator for a homogeneous Poisson process and its use to test inhomogeneities at multiple scales. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 1080-1089.	2.6	11
399	Variation in eggshell traits between geographically distant populations of pied flycatchers Ficedula hypoleuca. Journal of Avian Biology, 2013, 44, 111-120.	1.2	22
400	Changes in the Duration of European Wet and Dry Spells during the Last 60 Years. Journal of Climate, 2013, 26, 2022-2047.	3.2	159
401	Forecasting the European Carbon Market. Journal of the Royal Statistical Society Series A: Statistics in Society, 2013, 176, 723-741.	1.1	62

#	Article	IF	CITATIONS
402	Acceleration of snow melt in an Antarctic Peninsula ice core during the twentieth century. Nature Geoscience, 2013, 6, 404-411.	12.9	154
403	Support vector regression for anomaly detection from measurement histories. Advanced Engineering Informatics, 2013, 27, 486-495.	8.0	68
404	High-resolution record of the environmental response to climatic variations during the Last Interglacial–Glacial cycle in Central Europe: the loess-palaeosol sequence of DolnÃ-VÄ⟩stonice (Czech) Tj ETQq	O Os OorgBT	/Owarlock 10
405	Atmospheric circulation variability in Europe and northern Asia (1901 to 2010). Theoretical and Applied Climatology, 2013, 113, 105-126.	2.8	26
407	The simulation of European heat waves from an ensemble of regional climate models within the EURO-CORDEX project. Climate Dynamics, 2013, 41, 2555-2575.	3.8	290
408	Developing maturity methods for the assessment of cold-mix bituminous materials. Construction and Building Materials, 2013, 38, 524-529.	7.2	48
409	How well does the ERAâ€Interim reanalysis replicate trends in extremes of surface temperature across Europe?. Journal of Geophysical Research D: Atmospheres, 2013, 118, 10,262.	3.3	45
410	Records in stochastic processesâ€"theory and applications. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 223001.	2.1	45
411	Changes in daily extreme temperatures in the extraâ€Carpathians regions of Romania. International Journal of Climatology, 2013, 33, 1987-2001.	3.5	61
412	Regional centennial precipitation variability over Germany from extended observation records. International Journal of Climatology, 2013, 33, 2167-2184.	3.5	18
413	A Central European precipitation climatology \hat{A} — Part I: Generation and validation of a high-resolution gridded daily data set (HYRAS). Meteorologische Zeitschrift, 2013, 22, 235-256.	1.0	170
414	Are heat waves susceptible to mitigate the expansion of a species progressing with global warming?. Ecology and Evolution, 2013, 3, 2947-2957.	1.9	26
415	PALEOCLIMATE RECONSTRUCTION Historical Climatology., 2013,, 237-243.		0
416	Estimating Monthly Precipitation Reconstruction Uncertainty Beginning in 1900. Journal of Atmospheric and Oceanic Technology, 2013, 30, 1107-1122.	1.3	11
417	Differential ecophysiological response of a major Mediterranean pine species across a climatic gradient. Tree Physiology, 2013, 33, 26-36.	3.1	102
418	Recent trends in rivers with near-natural flow regime. Progress in Physical Geography, 2013, 37, 685-700.	3.2	39
419	Fitness Consequences of Northward Dispersal as Possible Adaptation to Climate Change, Using Experimental Translocation of a Migratory Passerine. PLoS ONE, 2013, 8, e83176.	2.5	15
420	Is expert opinion enough? A critical assessment of the evidence for potential impacts of climate change on tick-borne diseases. Animal Health Research Reviews, 2013, 14, 133-137.	3.1	16

#	Article	IF	CITATIONS
421	Trends and variability in extreme precipitation indices over Maghreb countries. Natural Hazards and Earth System Sciences, 2013, 13, 3235-3248.	3.6	123
422	Recent Trends in Regional and Global Intense Precipitation Patterns. , 2013, , 25-55.		26
424	Projected Impacts of Bioenergy-Demand-Induced Land Use and Cover Changes on Regional Climate in Central Europe. Advances in Meteorology, 2013, 2013, 1-9.	1.6	0
425	A scPDSIâ€based global data set of dry and wet spells for 1901–2009. Journal of Geophysical Research D: Atmospheres, 2013, 118, 4025-4048.	3.3	428
426	Monitoring European average temperature based on the Eâ€OBS gridded data set. Journal of Geophysical Research D: Atmospheres, 2013, 118, 5120-5135.	3.3	59
427	Claim of solar influence is on thin ice: are 11-year cycle solar minima associated with severe winters in Europe?. Environmental Research Letters, 2013, 8, 024014.	5.2	15
428	Migration Tendency Delays Distributional Response to Differential Survival Prospects along a Flyway. American Naturalist, 2013, 181, 520-531.	2.1	23
429	Application of WRF/Chem-MADRID and WRF/Polyphemus in Europe – Part 1: Model description, evaluation of meteorological predictions, and aerosol–meteorology interactions. Atmospheric Chemistry and Physics, 2013, 13, 6807-6843.	4.9	45
430	The importance of mean and variance in predicting changes in temperature extremes. Journal of Geophysical Research D: Atmospheres, 2013, 118, 8285-8296.	3.3	17
431	Trends in temperature indices over Serbia: relationships to largeâ€scale circulation patterns. International Journal of Climatology, 2013, 33, 3152-3161.	3.5	64
432	The intrinsic dependence structure of peak, volume, duration, and average intensity of hyetographs and hydrographs. Water Resources Research, 2013, 49, 3423-3442.	4.2	32
433	Evaluation of dynamic pass-through of carbon prices into electricity prices - a cointegrated VECM analysis. International Journal of Public Policy, 2013, 9, 65.	0.1	20
434	Statistical estimations of the number of future ozone exceedances due to climate change in Europe. Journal of Geophysical Research D: Atmospheres, 2013, 118, 6080-6099.	3.3	13
435	A novel approach to statistical downscaling considering nonstationarities: application to daily precipitation in the Mediterranean area. Journal of Geophysical Research D: Atmospheres, 2013, 118, 520-533.	3.3	46
436	Impact of volcanic stratospheric aerosols on diurnal temperature range in Europe over the past 200 years: Observations versus model simulations. Journal of Geophysical Research D: Atmospheres, 2013, 118, 9064-9077.	3.3	7
437	The weather and climate of Macaronesia: past, present and future. Weather, 2013, 68, 300-307.	0.7	34
438	Excursions to C& lt; sub& gt; 4& lt; /sub& gt; vegetation recorded in the Upper Pleistocene loess of Surduk (Northern Serbia): an organic isotope geochemistry study. Climate of the Past, 2013, 9, 1001-1014.	3.4	53
439	On the importance of observational data properties when assessing regional climate model performance of extreme precipitation. Hydrology and Earth System Sciences, 2013, 17, 4323-4337.	4.9	34

#	Article	IF	CITATIONS
441	Synoptic climatology of winter intense precipitation events along the Mediterranean coasts. Natural Hazards and Earth System Sciences, 2013, 13, 1707-1722.	3.6	75
442	Effect of daily environmental temperature on farrowing rate and total born in dam line sows1. Journal of Animal Science, 2013, 91, 2667-2679.	0.5	69
443	AnaWEGE: a weather generator based on analogues of atmospheric circulation. Geoscientific Model Development, 2014, 7, 531-543.	3.6	48
444	Recent trends in daily temperature extremes over southern Montenegro (1951–2010). Natural Hazards and Earth System Sciences, 2014, 14, 67-72.	3.6	35
445	Declining ozone exposure of European vegetation under climate change and reduced precursor emissions. Biogeosciences, 2014, 11, 5269-5283.	3.3	27
446	The 19 January 2013 windstorm over the North Atlantic: large-scale dynamics and impacts on Iberia. Weather and Climate Extremes, 2014, 5-6, 16-28.	4.1	54
447	Interannual to multidecadal Euroâ€Atlantic blocking variability during winter and its relationship with extreme low temperatures in Europe. Journal of Geophysical Research D: Atmospheres, 2014, 119, 13,621.	3.3	30
448	Climate Change Impacts on the Water Balance of the Colorado Headwaters: High-Resolution Regional Climate Model Simulations. Journal of Hydrometeorology, 2014, 15, 1091-1116.	1.9	166
449	Influence of local climate and climate change on aeroterrestrial phototrophic biofilms. Biofouling, 2014, 30, 401-414.	2.2	11
450	An Alternative Index for the Contribution of Precipitation on Very Wet Days to the Total Precipitation. Journal of Climate, 2014, 27, 1365-1378.	3.2	28
451	HyMeX: A 10-Year Multidisciplinary Program on the Mediterranean Water Cycle. Bulletin of the American Meteorological Society, 2014, 95, 1063-1082.	3.3	288
452	Cross-Scale Interactions and Information Transfer. Entropy, 2014, 16, 5263-5289.	2.2	28
454	Overview of global monthly surface temperature data in the past century and preliminary integration. Advances in Climate Change Research, 2014, 5, 111-117.	5.1	12
455	Greenhouse gasâ€related predictability of regional climate model trends in the Mediterranean area. International Journal of Climatology, 2014, 34, 2293-2307.	3.5	8
456	Comparison of the potential spread of pinewood nematode (<i><scp>B</scp>ursaphelenchus) Tj ETQq0 0 0 rgBT model. Forest Pathology, 2014, 44, 341-352.</i>	/Overlock 1.1	10 Tf 50 18 24
457	On the spatial representativeness of temporal dynamics at European weather stations. International Journal of Climatology, 2014, 34, 3154-3160.	3.5	24
458	Failure Rate Estimation from Field Data under Timeâ€Varying Stress. Quality and Reliability Engineering International, 2014, 30, 111-119.	2.3	4
459	Trends in seasonal surface air temperature in mainland Portugal, since 1941. International Journal of Climatology, 2014, 34, 1814-1837.	3.5	48

#	Article	IF	Citations
460	Trends of temperature extremes in Saudi Arabia. International Journal of Climatology, 2014, 34, 808-826.	3.5	118
461	Detecting climate variability signals in long air temperature records. International Journal of Climatology, 2014, 34, 1737-1740.	3.5	2
462	Multiscale Atmospheric Dynamics: Cross-Frequency Phase-Amplitude Coupling in the Air Temperature. Physical Review Letters, 2014, 112, 078702.	7.8	64
463	Spring thermal resources for grapevine in Kőszeg (Hungary) deduced from a very long pictorial time series (1740–2009). Climatic Change, 2014, 126, 443-454.	3.6	6
464	A Hidden Markov Model Applied to the Daily Spring Precipitation over the Danube Basin. Advances in Meteorology, 2014, 2014, 1-11.	1.6	10
465	Climate of submontane location Stará Lesná (1988–2013). Contributions To Geophysics and Geodesy, 2014, 44, 95-113.	0.6	1
466	European dry spell regimes (1951–2000): Clustering process and time trends. Atmospheric Research, 2014, 144, 151-174.	4.1	28
467	Rethinking local adaptation: Mind the environment!. Forest Ecology and Management, 2014, 312, 271-281.	3.2	17
468	Characterisation and modelling of conduit restricted karst aquifers – Example of the Auja spring, Jordan Valley. Journal of Hydrology, 2014, 511, 750-763.	5.4	44
469	Variability of temperature extremes in the Yellow River basin during 1961–2011. Quaternary International, 2014, 336, 52-64.	1.5	40
470	Circulation types and extreme precipitation days in the Iberian Peninsula in the transition seasons: Spatial links and temporal changes. Atmospheric Research, 2014, 138, 41-58.	4.1	29
471	Lake morphometry and resource polymorphism determine niche segregation between cool―and coldâ€waterâ€adapted fish. Ecology, 2014, 95, 538-552.	3.2	46
472	The influence of the East Atlantic Oscillation to climate indices based on the daily minimum temperatures in Serbia. Theoretical and Applied Climatology, 2014, 116, 435-446.	2.8	21
473	Influence of climate variables on the concentration of Escherichia coli in the Rhine, Meuse, and Drentse Aa during 1985–2010. Regional Environmental Change, 2014, 14, 307-319.	2.9	32
474	An analysis of the climate of Macaronesia, 1865–2012. International Journal of Climatology, 2014, 34, 604-622.	3.5	63
475	Soil moisture-temperature feedbacks at meso-scale during summer heat waves over Western Europe. Climate Dynamics, 2014, 42, 1309-1324.	3.8	136
476	Is cold hardiness size-constrained? A comparative approach in land snails. Evolutionary Ecology, 2014, 28, 471-493.	1.2	23
477	Spatioâ€temporal interpolation of daily temperatures for global land areas at 1 km resolution. Journal of Geophysical Research D: Atmospheres, 2014, 119, 2294-2313.	3.3	176

#	Article	IF	CITATIONS
478	Effect of increasing temperatures on cooling systems. A case of study: European greenhouse sector. Climatic Change, 2014, 123, 175-187.	3.6	6
479	Seasonal changes in daily precipitation extremes in mainland Portugal from 1941 to 2007. Regional Environmental Change, 2014, 14, 1765-1788.	2.9	43
480	European isotherms move northwards by up to 15 km year ^{â^'1} : using climate analogues for awarenessâ€raising. International Journal of Climatology, 2014, 34, 1838-1844.	3 . 5	37
481	Analysis of daily rainfall concentration in New Zealand. Natural Hazards, 2014, 72, 389-404.	3.4	51
482	Impacts of extreme climatic events on the energetics of long-lived vertebrates: the case of the greater flamingo facing cold spells in the Camargue. Journal of Experimental Biology, 2014, 217, 3700-3707.	1.7	27
483	Trends in summer extreme temperatures over the Iberian Peninsula using nonurban station data. Journal of Geophysical Research D: Atmospheres, 2014, 119, 39-53.	3.3	29
484	Sharper detection of winter temperature changes in the Romanian higher-elevations. Global and Planetary Change, 2014, 122, 122-129.	3.5	6
485	Decomposition of useful work intensity: The EU (European Union)-15 countries from 1960 to 2009. Energy, 2014, 76, 704-715.	8.8	56
486	Long term variability of the Danube River flow and its relation to precipitation and air temperature. Journal of Hydrology, 2014, 519, 871-880.	5.4	41
487	Comparing land surface phenology derived from satellite and GPS network microwave remote sensing. International Journal of Biometeorology, 2014, 58, 1305-1315.	3.0	11
488	Mediterranean climate extremes in synoptic downscaling assessments. Theoretical and Applied Climatology, 2014, 117, 257-275.	2.8	9
489	Pattern Variability in Arctic Air Temperature Records. Surveys in Geophysics, 2014, 35, 1215-1242.	4.6	1
490	Cold–wet spells in mainland China during 1951–2011. Natural Hazards, 2014, 74, 931-946.	3.4	18
491	Increasingly warm summers in the Euro–Mediterranean zone: mean temperatures and extremes. Regional Environmental Change, 2014, 14, 1825-1832.	2.9	19
492	Latitudinal variation in seeds characteristics of Acer platanoides and A. pseudoplatanus. Plant Ecology, 2014, 215, 911-925.	1.6	23
493	Reducing uncertainty in hydrological modelling in a data sparse region. Environmental Earth Sciences, 2014, 72, 4801-4816.	2.7	19
494	Response strategies of the main forest types to climatic anomalies across Croatian biogeographic regions inferred from FAPAR remote sensing data. Forest Ecology and Management, 2014, 326, 58-78.	3.2	10
495	Contribution of anthropogenic sulfate aerosols to the changing Euroâ€Mediterranean climate since 1980. Geophysical Research Letters, 2014, 41, 5605-5611.	4.0	110

#	Article	IF	CITATIONS
496	The Influence of European Climate Variability Mechanism on Air Temperatures in Romania. Present Environment and Sustainable Development, 2014, 8, 5-16.	0.3	4
497	On inference of statistical regression models for extreme events based on incomplete observation data. Communications in Applied Mathematics and Computational Science, 2014, 9, 143-174.	1.8	5
498	The effects of urbanization on the rise of the European temperature since 1960. Geophysical Research Letters, 2014, 41, 7716-7722.	4.0	40
499	Thermal conditions in Bydgoszcz Region in growing seasons of 2011–2050 in view of expected climate change/ Warunki termiczne w rejonie Bydgoszczy w okresie wegetacyjnym w latach 2011–2050 w świetle przewidywanej zmiany klimatu. Journal of Water and Land Development, 2014, 23, 21-29.	0.9	6
500	Is Eurasian snow cover in October a reliable statistical predictor for the wintertime climate on the Iberian Peninsula?. International Journal of Climatology, 2014, 34, 1615-1627.	3.5	13
501	The climate of daily precipitation in the Alps: development and analysis of a highâ€resolution grid dataset from panâ€Alpine rainâ€gauge data. International Journal of Climatology, 2014, 34, 1657-1675.	3.5	363
502	Stochastic generation of daily precipitation amounts: review and evaluation of different models. Climate Research, 2014, 59, 189-206.	1.1	36
503	Identifying dynamical models of nitrate propagation in agricultural drinking water: how can we help agronomists?. IFAC-PapersOnLine, 2015, 48, 350-355.	0.9	0
504	<scp>VALUE</scp> : A framework to validate downscaling approaches for climate change studies. Earth's Future, 2015, 3, 1-14.	6.3	167
505	Daily precipitation in Northern Iberia: Understanding the recent changes after the circulation variability in the North Atlantic sector. Journal of Geophysical Research D: Atmospheres, 2015, 120, 9981.	3.3	13
506	Daily minimum and maximum surface air temperatures from geostationary satellite data. Journal of Geophysical Research D: Atmospheres, 2015, 120, 2306-2324.	3.3	50
507	Relationship between sunshine duration and temperature trends across Europe since the second half of the twentieth century. Journal of Geophysical Research D: Atmospheres, 2015, 120, 10,823-10,836.	3.3	31
508	Assessment of daytime physiologic comfort, its perception and coping strategies among people in tertiary institutions in Nigeria. Weather and Climate Extremes, 2015, 10, 70-84.	4.1	5
509	Palaeohydrological reconstruction (1500–2000AD) of a drift sand landscape using pedogeomorphological and historical data (Campine area, NE Belgium). Catena, 2015, 135, 208-218.	5.0	5
510	Analysis of Extreme Climatic Indices in the Area of Nis and Belgrade for the Period between 1974 and 2003. Agriculture and Agricultural Science Procedia, 2015, 4, 408-415.	0.6	8
511	Climate change and the Portuguese precipitation: ENSEMBLES regional climate models results. Climate Dynamics, 2015, 45, 1771-1787.	3.8	42
512	Statistical detection of spurious variations in daily raingauge data caused by changes in observation practices, as applied to records from various parts of the world. International Journal of Climatology, 2015, 35, 2922-2933.	3.5	0
513	Sensitivity of Caspian seaâ€ice to air temperature. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 3088-3096.	2.7	9

#	ARTICLE	IF	Citations
514	Trends and Natural Variability of Spring Onset in the Coterminous United States as Evaluated by a New Gridded Dataset of Spring Indices. Journal of Climate, 2015, 28, 8363-8378.	3.2	73
515	Spaceâ€time structure of extreme precipitation in Europe over the last century. International Journal of Climatology, 2015, 35, 1749-1760.	3.5	27
516	An early weather diary from Iberia (Lisbon, 1631–1632). Weather, 2015, 70, 20-24.	0.7	14
517	<scp>MOTEDAS</scp> : a new monthly temperature database for mainland Spain and the trend in temperature (1951â€"2010). International Journal of Climatology, 2015, 35, 4444-4463.	3.5	57
518	On the use of the forced sensitivity method in climate studies. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 845-853.	2.7	4
519	On using principal components to represent stations in empirical–statistical downscaling. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 67, 28326.	1.7	22
520	Uncertainty Analysis in the Evaluation of Extreme Rainfall Trends and Its Implications on Urban Drainage System Design. Water (Switzerland), 2015, 7, 6931-6945.	2.7	31
521	Green and blue water footprint reduction in irrigated agriculture: effect of irrigation techniques, irrigation strategies and mulching. Hydrology and Earth System Sciences, 2015, 19, 4877-4891.	4.9	191
522	Impacts of Forest Fires and Climate Variability on the Hydrology of an Alpine Medium Sized Catchment in the Canadian Rocky Mountains. Hydrology, 2015, 2, 23-47.	3.0	8
523	Oxygen and Hydrogen Stable Isotope Ratios of Bulk Needles Reveal the Geographic Origin of Norway Spruce in the European Alps. PLoS ONE, 2015, 10, e0118941.	2.5	14
524	West Nile Virus: High Transmission Rate in North-Western European Mosquitoes Indicates Its Epidemic Potential and Warrants Increased Surveillance. PLoS Neglected Tropical Diseases, 2015, 9, e0003956.	3.0	55
525	Warming Amplification of Minimum and Maximum Temperatures over High-Elevation Regions across the Globe. PLoS ONE, 2015, 10, e0140213.	2.5	13
526	Looking Beyond the Large Scale Effects of Global Change: Local Phenologies Can Result in Critical Heterogeneity in the Pine Processionary Moth. Frontiers in Physiology, 2015, 6, 334.	2.8	18
527	Precipitation Regime and Temporal Changes in the Central Danubian Lowland Region. Advances in Meteorology, 2015, 2015, 1-12.	1.6	4
528	New insights into the reconstructed temperature in Portugal over the last 400 years. Climate of the Past, 2015, 11, 825-834.	3.4	5
529	Attribution of European precipitation and temperature trends to changes in synoptic circulation. Hydrology and Earth System Sciences, 2015, 19, 3093-3107.	4.9	49
530	Global trend analysis of the MODIS drought severity index. Geoscientific Instrumentation, Methods and Data Systems, 2015, 4, 189-196.	1.6	4
531	Heavy Rainfall Impacts on Trihalomethane Formation in Contrasting Northwestern European Potable Waters. Journal of Environmental Quality, 2015, 44, 1241-1251.	2.0	12

#	Article	IF	Citations
532	Identifying added value in high-resolution climate simulations over Scandinavia. Tellus, Series A: Dynamic Meteorology and Oceanography, 2015, 67, 24941.	1.7	17
533	Spatial analysis of the temperature trends in Serbia during the period 1961–2010. Theoretical and Applied Climatology, 2015, 121, 289-301.	2.8	45
534	Comparative Usutu and West Nile virus transmission potential by local Culex pipiens mosquitoes in north-western Europe. One Health, 2015, 1, 31-36.	3.4	103
535	Long-Term Changes in Habitat Selection of Wintering Waterbirds: High Importance of Cold Weather Refuge Sites. Acta Ornithologica, 2015, 50, 127-138.	0.5	19
536	Weather and climate versus mortality in Lisbon (Portugal) since the 19th century. Applied Geography, 2015, 57, 133-141.	3.7	19
537	Trends in precipitation indices in Croatia, 1961–2010. Theoretical and Applied Climatology, 2015, 121, 167-177.	2.8	38
538	Divergent regeneration responses of two closely related tree species to direct abiotic and indirect biotic effects of climate change. Forest Ecology and Management, 2015, 342, 21-29.	3.2	13
539	Climatic drivers of oak growth over the past one hundred years in mixed and monoculture stands in southern England and northern France. European Journal of Forest Research, 2015, 134, 33-51.	2.5	6
540	Climatic conditions cause complex patterns of covariation between demographic traits in a longâ€lived raptor. Journal of Animal Ecology, 2015, 84, 702-711.	2.8	28
541	Investigation of Climatological Onset and Withdrawal of the Rainy Season in Panama Based on a Daily Gridded Precipitation Dataset with a High Horizontal Resolution. Journal of Climate, 2015, 28, 2745-2763.	3.2	17
542	A geostatistics-assisted approach to the deterministic approximation of climate data. Environmental Modelling and Software, 2015, 66, 69-77.	4.5	17
543	Climatic uncertainty in Himalayan water towers. Journal of Geophysical Research D: Atmospheres, 2015, 120, 2689-2705.	3.3	79
544	The variability of winter high temperature extremes in Romania and its relationship with large-scale atmospheric circulation. Theoretical and Applied Climatology, 2015, 121, 121-130.	2.8	16
545	Analysis of rainfall trend in New Zealand. Environmental Earth Sciences, 2015, 73, 6297-6310.	2.7	39
546	Spatial and temporal characteristics of heat waves over Central Europe in an ensemble of regional climate model simulations. Climate Dynamics, 2015, 45, 2351-2366.	3.8	16
547	Statistical Variability and Persistence Change in Daily Air Temperature Time Series from High Latitude Arctic Stations. Pure and Applied Geophysics, 2015, 172, 2057-2073.	1.9	5
548	Hot Centralâ€European summer of 2013 in a longâ€ŧerm context. International Journal of Climatology, 2015, 35, 4399-4407.	3.5	29
549	Dynamic model evaluation for secondary inorganic aerosol and its precursors over Europe between 1990 and 2009. Geoscientific Model Development, 2015, 8, 1047-1070.	3.6	24

#	Article	IF	CITATIONS
550	Identifying climate analogues for precipitation extremes for Denmark based on RCM simulations from the ENSEMBLES database. Water Science and Technology, 2015, 71, 418.	2.5	8
551	Comparative analysis of meteorological performance of coupled chemistry-meteorology models in the context of AQMEII phase 2. Atmospheric Environment, 2015, 115, 470-498.	4.1	85
552	A consistent gauge database for daily rainfall analysis over the Legal Brazilian Amazon. Journal of Hydrology, 2015, 527, 292-304.	5.4	31
553	International Climate Assessment & Dataset: Climate Services across Borders. Bulletin of the American Meteorological Society, 2015, 96, 16-21.	3.3	27
554	On downscaling probabilities for heavy 24-hour precipitation events at seasonal-to-decadal scales. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 67, 25954.	1.7	14
555	Spatio-temporal trend analysis of air temperature in Europe and Western Asia using data-coupled clustering. Global and Planetary Change, 2015, 129, 45-55.	3.5	13
556	Temperature changes in the North-Western Italian Alps from 1961 to 2010. Theoretical and Applied Climatology, 2015, 122, 619-634.	2.8	51
557	Ratios of record high to record low temperatures in Europe exhibit sharp increases since 2000 despite a slowdown in the rise of mean temperatures. Climatic Change, 2015, 129, 225-237.	3.6	23
558	Modelling wind resources in climate change scenarios in complex terrains. Renewable Energy, 2015, 76, 670-678.	8.9	15
559	Tree rings reflect growth adjustments and enhanced synchrony among sites in Iberian stone pine (Pinus pinea L.) under climate change. Annals of Forest Science, 2015, 72, 1023-1033.	2.0	24
560	Global geographic and feature space coverage of temperature data in the context of spatio-temporal interpolation. Spatial Statistics, 2015, 14, 22-38.	1.9	28
561	Exceptionally Hot and Cold Summers in Europe (1951-2010). Acta Geophysica, 2015, 63, 275-300.	2.0	16
562	Climatic water balance dynamics over the last five decades in Romania's most arid region, Dobrogea. Journal of Chinese Geography, 2015, 25, 1307-1327.	3.9	42
563	Know your limits? Climate extremes impact the range of Scots pine in unexpected places. Annals of Botany, 2015, 116, mcv124.	2.9	33
564	A new approach to predict soil temperature under vegetated surfaces. Modeling Earth Systems and Environment, 2015, 1, 32.	3.4	13
565	Present-day and future mediterranean precipitation extremes assessed by different statistical approaches. Climate Dynamics, 2015, 44, 845-860.	3.8	40
566	Upper tail dependence in rainfall extremes: would we know it if we saw it?. Stochastic Environmental Research and Risk Assessment, 2015, 29, 1211-1233.	4.0	46
567	Trends and correlations in annual extreme precipitation indices for mainland Portugal, 1941–2007. Theoretical and Applied Climatology, 2015, 119, 55-75.	2.8	51

#	Article	IF	CITATIONS
568	Characterizing joint effects of spatial extent, temperature magnitude and duration of heat waves and cold spells over Central Europe. International Journal of Climatology, 2015, 35, 1232-1244.	3.5	77
569	Synoptic drivers of 400Âyears of summer temperature and precipitation variability on Mt. Olympus, Greece. Climate Dynamics, 2015, 45, 807-824.	3.8	37
570	Budburst model performance: The effect of the spatial resolution of temperature data sets. Agricultural and Forest Meteorology, 2015, 200, 302-312.	4.8	16
571	Long-term surface ozone variability at Mt. Cimone WMO/GAW global station (2165 m a.s.l., Italy). Atmospheric Environment, 2015, 101, 23-33.	4.1	42
572	Interacting effects of warming and drought on regeneration and early growth of <i>Acer pseudoplatanus</i> and <i>A.Âplatanoides</i> Plant Biology, 2015, 17, 52-62.	3.8	27
573	Comparison of different statistical downscaling methods to estimate changes in hourly extreme precipitation using RCM projections from ENSEMBLES. International Journal of Climatology, 2015, 35, 2528-2539.	3.5	41
574	European degreeâ€day climatologies and trends for the period 1951–2011. International Journal of Climatology, 2015, 35, 25-36.	3.5	116
575	Climate impacts of the NAO are sensitive to how the NAO is defined. Theoretical and Applied Climatology, 2015, 119, 639-652.	2.8	43
576	Changes in the characteristics of precipitation over northern Eurasia. Theoretical and Applied Climatology, 2015, 119, 653-665.	2.8	15
577	The Yellow River basin becomes wetter or drier? The case as indicated by mean precipitation and extremes during 1961–2012. Theoretical and Applied Climatology, 2015, 119, 701-722.	2.8	29
578	European cold wave during February 2012 and impacts in wine growing regions of Moldavia (Romania). Theoretical and Applied Climatology, 2015, 120, 469-478.	2.8	15
579	The impact of climate changes on rivers discharge in Eastern Romania. Theoretical and Applied Climatology, 2015, 120, 563-573.	2.8	51
580	Atmospheric circulation influence on climatic trends in Europe: an analysis of circulation type classifications from the <scp>COST733</scp> catalogue. International Journal of Climatology, 2016, 36, 2743-2760.	3.5	47
581	Potential Arctic tundra vegetation shifts in response to changing temperature, precipitation and permafrost thaw. Biogeosciences, 2016, 13, 6229-6245.	3.3	40
582	Compound extremes in a changing climate – a Markov chain approach. Nonlinear Processes in Geophysics, 2016, 23, 375-390.	1.3	22
583	Monthly Rainfall Erosivity: Conversion Factors for Different Time Resolutions and Regional Assessments. Water (Switzerland), 2016, 8, 119.	2.7	60
584	A 1973–2008 Archive of Climate Surfaces for NW Maghreb. Data, 2016, 1, 8.	2.3	4
585	Does the Genotype Have a Significant Effect on the Formation of Intra-Annual Density Fluctuations? A Case Study Using Larix decidua from Northern Poland. Frontiers in Plant Science, 2016, 7, 691.	3.6	11

#	Article	IF	CITATIONS
586	Effects of Recent Minimum Temperature and Water Deficit Increases on Pinus pinaster Radial Growth and Wood Density in Southern Portugal. Frontiers in Plant Science, 2016, 7, 1170.	3.6	35
587	Soil production and hillslope transport in midâ€latitudes during the last glacial–interglacial cycle: a combined data and modelling approach in northern Ardennes. Earth Surface Processes and Landforms, 2016, 41, 1758-1775.	2.5	6
588	Assessment of parallel precipitation measurements networks in Piedmont, Italy. International Journal of Climatology, 2016, 36, 3963-3974.	3 . 5	33
589	Climate change and projections for the Barents region: what is expected to change and what will stay the same?. Environmental Research Letters, 2016, 11, 054017.	5. 2	28
590	Trends in characteristics of sub-daily heavy precipitation and rainfall erosivity in the Czech Republic. International Journal of Climatology, 2016, 36, 1833-1845.	3 . 5	41
591	Trends of mean and extreme temperature indices since 1874 at lowâ€elevation sites in the southern Alps. Journal of Geophysical Research D: Atmospheres, 2016, 121, 3304-3325.	3.3	11
592	Precipitation representation over a twoâ€year period in regional reanalysis. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 1300-1310.	2.7	25
593	Nitrogen deposition and greenhouse gas emissions from grasslands: uncertainties and future directions. Global Change Biology, 2016, 22, 1348-1360.	9.5	45
594	Attributing seasonal variation of daily extreme precipitation events across The Netherlands. Weather and Climate Extremes, 2016, 14, 56-66.	4.1	14
595	SAWing on short term load forecasting errors: Increasing the accuracy with self adaptive weighting. , 2016, , .		1
596	Development of ability to germinate and of longevity in air-dry storage in wheat seed crops subjected to rain shelter or simulated supplementary rainfall. Seed Science Research, 2016, 26, 332-341.	1.7	10
597	Spatial interpolation of precipitation indexes in Sierra Nevada (Spain): comparing the performance of some interpolation methods. Theoretical and Applied Climatology, 2016, 126, 683-698.	2.8	16
598	A new numerical framework for simulating the control of weather and climate on the evolution of soil-mantled hillslopes. Geomorphology, 2016, 263, 99-112.	2.6	10
599	Genetic and temporal plastic variation in bud burst, bud set and flower opening responses of local versus non-local provenances of Prunus spinosa in a provenance trial. Basic and Applied Ecology, 2016, 17, 262-272.	2.7	3
600	Contribution of atmospheric deposition to tissue concentrations of mercury in aquatic bryophytes. Science of the Total Environment, 2016, 565, 249-257.	8.0	5
601	Recent trend in temperature evolution in Spanish mainland (1951–2010): from warming to hiatus. International Journal of Climatology, 2016, 36, 2405-2416.	3.5	43
602	Water deficit and corn productivity during the post-socialist period. Case study: Southern Oltenia drylands, Romania. Arid Land Research and Management, 2016, 30, 239-257.	1.6	28
603	A geostatistical extreme-value framework for fast simulation of natural hazard events. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, 472, 20150855.	2.1	14

#	Article	IF	CITATIONS
604	Hydroclimatic dynamics in southwestern Romania drylands over the past 50 years. Journal of Earth System Science, 2016, 125, 1255-1271.	1.3	13
605	Köppen–Geiger Climate Classification for Europe Recaptured via the Hölder Regularity of Air Temperature Data. Pure and Applied Geophysics, 2016, 173, 2885-2898.	1.9	11
606	Simulating the extreme 2013/2014 winter in a future climate. Journal of Geophysical Research D: Atmospheres, 2016, 121, 5680-5698.	3.3	6
607	Changes in heat waves indices in Romania over the period 1961–2015. Global and Planetary Change, 2016, 146, 109-121.	3.5	41
608	Water soluble organic carbon in aerosols (PM1, PM2.5, PM10) and various precipitation forms (rain,) Tj ETQq0 0	0 ggBT /O	verlock 10 Tf
609	The role of atmospheric circulation patterns in agroclimate variability in finland, 1961–2011. Geografiska Annaler, Series A: Physical Geography, 2016, 98, 287-301.	1.5	7
610	Climate Change in the Kola Peninsula, Arctic Russia, during the Last 50 Years from Meteorological Observations. Journal of Climate, 2016, 29, 6823-6840.	3.2	37
611	Creation and Validation of a Comprehensive 1° by 1° Daily Gridded North American Dataset for 1900–2009: Snowfall. Journal of Atmospheric and Oceanic Technology, 2016, 33, 857-871.	1.3	31
612	Intercomparison of Soil Moisture Retrievals From In Situ, ASAR, and ECV SM Data Sets Over Different European Sites., 2016,, 209-228.		3
613	Implications of between-isolate variation for climate change impact modelling of Haemonchus contortus populations. Veterinary Parasitology, 2016, 229, 144-149.	1.8	9
614	Extremely Cold Winter Months in Europe (1951–2010). Acta Geophysica, 2016, 64, 2609-2629.	2.0	9
615	European heat waves: the effect of soil moisture, vegetation, and land use., 0,, 185-197.		2
616	Analysis of frequency and magnitude of extreme rainfall events with potential impacts on flooding: a case study from the central United States. International Journal of Climatology, 2016, 36, 3578-3587.	3.5	30
617	Changes in Winter Warming Events in the Nordic Arctic Region. Journal of Climate, 2016, 29, 6223-6244.	3.2	109
618	Exceptionally cold and mild winters in Europe (1951–2010). Theoretical and Applied Climatology, 2016, 125, 399-411.	2.8	21
619	Development of a global historic monthly mean precipitation dataset. Journal of Meteorological Research, 2016, 30, 217-231.	2.4	8
620	On conditional skewness with applications to environmental data. Environmental and Ecological Statistics, 2016, 23, 491-512.	3.5	2
621	The influence of the Gulf Stream on wintertime European blocking. Climate Dynamics, 2016, 47, 1545-1567.	3.8	53

#	Article	IF	CITATIONS
622	Reconstruction of Holocene carbon dynamics in a large boreal peatland complex, southern Finland. Quaternary Science Reviews, 2016, 142, 1-15.	3.0	32
623	Time scales of the European surface air temperature variability: The role of the 7–8 year cycle. Geophysical Research Letters, 2016, 43, 902-909.	4.0	28
624	Changes in precipitation extremes in Brazil (Paran \tilde{A}_i River Basin). Theoretical and Applied Climatology, 2016, 123, 741-756.	2.8	65
625	Projected changes in heat wave characteristics in the eastern Mediterranean and the Middle East. Regional Environmental Change, 2016, 16, 1863-1876.	2.9	103
626	Isotopic modeling of the sub-cloud evaporation effect in precipitation. Science of the Total Environment, 2016, 544, 1059-1072.	8.0	85
627	Dynamical prediction of flu seasonality driven by ambient temperature: influenza vs. common cold. European Physical Journal B, 2016, 89, 1.	1.5	6
628	Periodicity analysis of δ180 in precipitation over Central Europe: Time–frequency considerations of the isotopic †temperature' effect. Journal of Hydrology, 2016, 534, 150-163.	5.4	15
629	The evolutionary adaptation of the <scp>C</scp> 282 <scp>Y</scp> mutation to culture and climate during the <scp>E</scp> uropean <scp>N</scp> eolithic. American Journal of Physical Anthropology, 2016, 160, 86-101.	2.1	13
630	Observed Trends and Variability in Climate Indices Relevant for Crop Yields in Southeast Asia. Journal of Climate, 2016, 29, 2651-2669.	3.2	19
631	Increased incidence of subarachnoid hemorrhage during cold temperatures and influenza epidemics. Journal of Neurosurgery, 2016, 125, 737-745.	1.6	27
632	Species and site differences influence climate-shrub growth responses in West Greenland. Dendrochronologia, 2016, 37, 69-78.	2.2	43
633	Recent trends of extreme temperature indices for the Iberian Peninsula. Physics and Chemistry of the Earth, 2016, 94, 66-76.	2.9	50
634	Local air temperature tolerance: a sensible basis for estimating climate variability. Theoretical and Applied Climatology, 2016, 126, 575-583.	2.8	0
635	Two Simple Metrics for Quantifying Rainfall Intermittency: The Burstiness and Memory of Interamount Times. Journal of Hydrometeorology, 2016, 17, 421-436.	1.9	22
636	Global Patterns of the Contributions of Storm Frequency, Intensity, and Seasonality to Interannual Variability of Precipitation. Journal of Climate, 2016, 29, 3-15.	3.2	17
637	Global observed long-term changes in temperature and precipitation extremes: A review of progress and limitations in IPCC assessments and beyond. Weather and Climate Extremes, 2016, 11, 4-16.	4.1	292
638	Characterization of the wind speed variability and future change in the Iberian Peninsula and the Balearic Islands. Wind Energy, 2016, 19, 1223-1237.	4.2	19
639	Recent trend analysis of mean air temperature in Greece based on homogenized data. Theoretical and Applied Climatology, 2016, 126, 543-573.	2.8	27

#	Article	IF	CITATIONS
640	Changes in precipitation extremes in Romania. Quaternary International, 2016, 415, 325-335.	1.5	95
641	Analysis of spatial and temporal rainfall trends in Sicily during the 1921–2012 period. Theoretical and Applied Climatology, 2016, 126, 113-129.	2.8	43
642	Quantification and assessment of heat and cold waves in Novi Sad, Northern Serbia. International Journal of Biometeorology, 2016, 60, 139-150.	3.0	45
643	Biology and temperature requirements of the invasive seed bug Leptoglossus occidentalis (Heteroptera: Coreidae) in Europe. Journal of Pest Science, 2016, 89, 31-44.	3.7	24
644	Simulation of future groundwater recharge using a climate model ensemble and SAR-image based soil parameter distributions — A case study in an intensively-used Mediterranean catchment. Science of the Total Environment, 2016, 543, 889-905.	8.0	19
645	Convective and stratiform precipitation characteristics in an ensemble of regional climate model simulations. Climate Dynamics, 2016, 46, 227-243.	3.8	37
646	Observed trends in light precipitation events over global land during 1961–2010. Theoretical and Applied Climatology, 2016, 125, 161-173.	2.8	20
647	Partial duration series distributions of the European dry spell lengths for the second half of the twentieth century. Theoretical and Applied Climatology, 2016, 123, 63-81.	2.8	18
648	Changes of temperature-related agroclimatic indices in Poland. Theoretical and Applied Climatology, 2016, 124, 401-410.	2.8	40
649	Multifractality and autoregressive processes of dry spell lengths in Europe: an approach to their complexity and predictability. Theoretical and Applied Climatology, 2017, 127, 285-303.	2.8	4
650	Impacts of uncertainties in European gridded precipitation observations on regional climate analysis. International Journal of Climatology, 2017, 37, 305-327.	3.5	194
651	Spatio-temporal trends of mean air temperature during 1961–2009 and impacts on crop (maize) yields in the most important agricultural region of Romania. Stochastic Environmental Research and Risk Assessment, 2017, 31, 1923-1939.	4.0	29
652	Trend analysis of temperature and precipitation extremes inÂmajor grain producing area of China. International Journal of Climatology, 2017, 37, 672-687.	3.5	39
653	The extreme European summer of 2015 in a longâ€ŧerm perspective. International Journal of Climatology, 2017, 37, 943-962.	3.5	95
654	Estimation of European Union residential sector space cooling potential. Energy Policy, 2017, 101, 225-235.	8.8	77
655	Impact of energy efficiency interventions in public housing buildings on cold-related mortality: a case-crossover analysis. International Journal of Epidemiology, 2017, 46, dyw335.	1.9	15
656	Effects of rain shelter or simulated rain during grain filling and maturation on subsequent wheat grain quality in the UK. Journal of Agricultural Science, 2017, 155, 300-316.	1.3	18
657	A new climate index controlling winter wave activity along the Atlantic coast of Europe: The West Europe Pressure Anomaly. Geophysical Research Letters, 2017, 44, 1384-1392.	4.0	94

#	Article	IF	CITATIONS
658	Fuel consumption and CO 2 emissions from passenger cars in Europe – Laboratory versus real-world emissions. Progress in Energy and Combustion Science, 2017, 60, 97-131.	31.2	449
659	SA-OBS: A Daily Gridded Surface Temperature and Precipitation Dataset for Southeast Asia. Journal of Climate, 2017, 30, 5151-5165.	3.2	51
660	Change points in predictors–predictand relationships within the scope of statistical downscaling. International Journal of Climatology, 2017, 37, 1619-1633.	3.5	6
661	Latitudinal variation of life-history traits of an exotic and a native impatiens species in Europe. Acta Oecologica, 2017, 81, 40-47.	1.1	3
662	Comparing observed and hypothetical climates as a means of communicating to the public and policymakers: The case of European heatwaves. Environmental Science and Policy, 2017, 67, 27-34.	4.9	14
663	Global precipitation measurements for validating climate models. Atmospheric Research, 2017, 197, 1-20.	4.1	111
664	Plastic response by a small cervid to supplemental feeding in winter across a wide environmental gradient. Ecosphere, 2017, 8, e01629.	2.2	31
665	Growth response of Scots pines in polar-alpine tree-line to a warming climate. Forest Ecology and Management, 2017, 399, 94-107.	3.2	23
666	Impact of Road Traffic Pollution on Pre-eclampsia and Pregnancy-induced Hypertensive Disorders. Epidemiology, 2017, 28, 99-106.	2.7	65
667	Climate and productivity shape fish and invertebrate community structure in subarctic lakes. Freshwater Biology, 2017, 62, 990-1003.	2.4	54
668	webXTREME: R -based web tool for calculating agroclimatic indices of extreme events. Computers and Electronics in Agriculture, 2017, 136, 111-116.	7.7	10
669	The effect of radiation parameterization schemes on surface temperature in regional climate simulations over the MENA ORDEX domain. International Journal of Climatology, 2017, 37, 3847-3862.	3.5	32
670	Dynamics of beryllium-7 specific activity in relation to meteorological variables, tropopause height, teleconnection indices and sunspot number. Physica A: Statistical Mechanics and Its Applications, 2017, 469, 813-823.	2.6	14
671	Climate-growth analysis using long-term daily-resolved station records with focus on the effect of heavy precipitation events. Dendrochronologia, 2017, 45, 156-164.	2.2	17
672	Towards process-informed bias correction of climate change simulations. Nature Climate Change, 2017, 7, 764-773.	18.8	329
673	Environmental and spatial assessment for the ecodesign of a cladding system with embedded Phase Change Materials. Energy and Buildings, 2017, 156, 374-389.	6.7	23
674	Water scarcity, data scarcity and the Budyko curveâ€"An application in the Lower Jordan River Basin. Journal of Hydrology: Regional Studies, 2017, 12, 136-149.	2.4	31
675	Reconstruction of Central European daily weather types back to 1763. International Journal of Climatology, 2017, 37, 30-44.	3.5	30

#	Article	IF	CITATIONS
676	Health impacts related to urban and transport planning: A burden of disease assessment. Environment International, 2017, 107, 243-257.	10.0	90
677	Long-term temperature changes in Sicily, Southern Italy. Atmospheric Research, 2017, 198, 44-55.	4.1	18
678	Detecting the effect of urban land use on extreme precipitation in the Netherlands. Weather and Climate Extremes, 2017, 17, 36-46.	4.1	23
679	Spatiotemporal variability of temperature and precipitation in Gansu Province (Northwest China) during 1951–2015. Atmospheric Research, 2017, 197, 132-149.	4.1	84
680	Regional downscaling of Mediterranean droughts under past and future climatic conditions. Global and Planetary Change, 2017, 151, 36-48.	3.5	66
681	Central European Greylag Geese <i>Anser anser</i> show a shortening of migration distance and earlier spring arrival over 60Âyears. Ibis, 2017, 159, 352-365.	1.9	22
682	Non-stationarities in the relationships of heavy precipitation events in the Mediterranean area and the large-scale circulation in the second half of the 20th century. Global and Planetary Change, 2017, 151, 108-121.	3.5	17
683	Climate change scenarios of convective and largeâ€scale precipitation in the Czech Republic based on <scp>EURO ORDEX</scp> data. International Journal of Climatology, 2017, 37, 2451-2465.	3.5	27
684	Time and heat for sexual reproduction: comparing the phenology of Chara hispida of two populations at different latitudes. Aquatic Botany, 2017, 136, 71-81.	1.6	16
685	Longâ€ŧerm trend analysis in climate variables and agricultural adaptation strategies to climate change in the Senegal River Basin. International Journal of Climatology, 2017, 37, 2873-2888.	3.5	31
686	Predictive skill of climate indices compared to mean quantities in seasonal forecasts. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 184-194.	2.7	7
687	Pan-European seasonal trends and recent changes of drought frequency and severity. Global and Planetary Change, 2017, 148, 113-130.	3.5	177
688	Permafrost Map for Norway, Sweden and Finland. Permafrost and Periglacial Processes, 2017, 28, 359-378.	3.4	92
689	Obtaining meteorological data from historical newspapers: <i>La Integridad</i> . Weather, 2017, 72, 366-371.	0.7	7
690	Toward an Integrated Set of Surface Meteorological Observations for Climate Science and Applications. Bulletin of the American Meteorological Society, 2017, 98, 2689-2702.	3.3	80
691	Simple and approximate estimations of future precipitation return values. Natural Hazards and Earth System Sciences, 2017, 17, 993-1001.	3.6	3
692	Marginal cost curves for water footprint reduction in irrigated agriculture: guiding a cost-effective reduction of crop water consumption to a permit or benchmark level. Hydrology and Earth System Sciences, 2017, 21, 3507-3524.	4.9	32
693	Ensemble cloud-resolving modelling of a historic back-building mesoscale convective system over Liguria: the San Fruttuoso case of 1915. Climate of the Past, 2017, 13, 455-472.	3.4	17

#	Article	IF	Citations
694	A Satellite-Based Sunshine Duration Climate Data Record for Europe and Africa. Remote Sensing, 2017, 9, 429.	4.0	24
695	Synoptic Conditions Generating Heat Waves and Warm Spells in Romania. Atmosphere, 2017, 8, 50.	2.3	39
696	The Precipitation Variations in the Qinghai-Xizang (Tibetan) Plateau during 1961–2015. Atmosphere, 2017, 8, 80.	2.3	35
697	The Exceptionally Cold January of 2017 over the Balkan Peninsula: A Climatological and Synoptic Analysis. Atmosphere, 2017, 8, 252.	2.3	34
698	An Overview of Statistical Methods for Studying the Extreme Rainfalls in Mediterranean. Proceedings (mdpi), 2017, 1, 681.	0.2	13
699	Drought Trends in the Iberian Peninsula over the Last 112 Years. Advances in Meteorology, 2017, 2017, 1-13.	1.6	55
700	Modeling the potential impacts of climate change on the water table level of selected forested wetlands in the southeastern United States. Hydrology and Earth System Sciences, 2017, 21, 6289-6305.	4.9	23
701	Transfer of environmental signals from the surface to the underground at AscunsÄf Cave, Romania. Hydrology and Earth System Sciences, 2017, 21, 5357-5373.	4.9	19
702	A Global ETCCDI-Based Precipitation Climatology from Satellite and Rain Gauge Measurements. Climate, 2017, 5, 9.	2.8	15
703	Tree-Ring Widths and Snow Cover Depth in High Tauern. IOP Conference Series: Earth and Environmental Science, 2017, 95, 062005.	0.3	1
704	Urban and Transport Planning Related Exposures and Mortality: A Health Impact Assessment for Cities. Environmental Health Perspectives, 2017, 125, 89-96.	6.0	173
705	A combined statistical bias correction and stochastic downscaling method for precipitation. Hydrology and Earth System Sciences, 2017, 21, 1693-1719.	4.9	62
706	Persistence of submerged macrophytes in a drying world: Unravelling the timing and the environmental drivers to produce droughtâ€resistant propagules. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 894-909.	2.0	8
707	The Gaussian copula model for the joint deficit index for droughts. Journal of Hydrology, 2018, 561, 987-999.	5.4	43
708	Increased Winterâ€Mean Wave Height, Variability, and Periodicity in the Northeast Atlantic Over 1949–2017. Geophysical Research Letters, 2018, 45, 3586-3596.	4.0	81
709	Phenological sensitivity to climate change is higher in resident than in migrant bird populations among European cavity breeders. Global Change Biology, 2018, 24, 3780-3790.	9.5	63
710	Remote sensing, hydrological modeling and in situ observations in snow cover research: A review. Journal of Hydrology, 2018, 561, 573-583.	5.4	124
711	Trade-off between blue and grey water footprint of crop production at different nitrogen application rates under various field management practices. Science of the Total Environment, 2018, 626, 962-970.	8.0	37

#	Article	IF	CITATIONS
712	Climate change increases the probability of heavy rains in Northern England/Southern Scotland like those of storm Desmondâ€"a real-time event attribution revisited. Environmental Research Letters, 2018, 13, 024006.	5.2	73
713	Predictability and environmental drivers of chlorophyll fluctuations vary across different time scales and regions of the North Sea. Progress in Oceanography, 2018, 161, 1-18.	3.2	41
714	Moisture Balance Over the Iberian Peninsula According to a Regional Climate Model: The Impact of 3DVAR Data Assimilation. Journal of Geophysical Research D: Atmospheres, 2018, 123, 708-729.	3.3	8
715	Morphodynamic effects of riparian vegetation growth after stream restoration. Earth Surface Processes and Landforms, 2018, 43, 1591-1607.	2.5	26
716	Recent trends in daily temperature extremes over the central Adriatic region of Italy in a Mediterranean climatic context. International Journal of Climatology, 2018, 38, e741.	3.5	27
717	Triangle Space-Based Surface Soil Moisture Estimation by the Synergistic Use of <inline-formula> <tex-math notation="LaTeX">\$In Situ\$ </tex-math> </inline-formula> Measurements and Optical/Thermal Infrared Remote Sensing: An Alternative to Conventional Validations. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4546-4558.	6.3	14
718	Novel sedimentological fingerprints link shifting depositional processes to Holocene climate transitions in East Greenland. Global and Planetary Change, 2018, 164, 52-64.	3.5	40
719	High-Resolution Temperature Datasets in Portugal from a Geostatistical Approach: Variability and Extremes. Journal of Applied Meteorology and Climatology, 2018, 57, 627-644.	1.5	27
720	Response of phenological events to climate warming in the southern and south-eastern regions of Romania. Stochastic Environmental Research and Risk Assessment, 2018, 32, 1113-1129.	4.0	9
721	Spatial and temporal analysis of extreme bioclimate conditions in Vojvodina, Northern Serbia. International Journal of Climatology, 2018, 38, 142-157.	3.5	27
722	A new integrated and homogenized global monthly land surface air temperature dataset for the period since 1900. Climate Dynamics, 2018, 50, 2513-2536.	3.8	56
723	The impact of heat waves on surface urban heat island and local economy in Cluj-Napoca city, Romania. Theoretical and Applied Climatology, 2018, 133, 681-695.	2.8	34
724	Recent changes in heat waves and cold waves detected based on excess heat factor and excess cold factor in Romania. International Journal of Climatology, 2018, 38, 1777-1793.	3.5	42
725	Will drought events become more frequent and severe in Europe?. International Journal of Climatology, 2018, 38, 1718-1736.	3.5	553
726	A simple method to assess the added value using highâ€resolution climate distributions: application to the EUROâ€CORDEX daily precipitation. International Journal of Climatology, 2018, 38, 1484-1498.	3.5	47
727	Estimation of European Union service sector space cooling potential. Energy Policy, 2018, 113, 223-231.	8.8	27
728	Effects of changing climate on European stream invertebrate communities: A long-term data analysis. Science of the Total Environment, 2018, 621, 588-599.	8.0	80
729	Changes of heating and cooling degreeâ€days in Europe from 1981 to 2100. International Journal of Climatology, 2018, 38, e191.	3.5	123

#	Article	IF	CITATIONS
730	Spatial distribution of the daily precipitation concentration index in Southern Russia. Atmospheric Research, 2018, 203, 36-43.	4.1	45
731	Tree-ring-based reconstruction of high-magnitude snow avalanches in Piatra Craiului Mountains (Southern Carpathians, Romania). Geografiska Annaler, Series A: Physical Geography, 2018, 100, 99-115.	1.5	12
732	Local-scale changes in mean and heavy precipitation in Western Europe, climate change or internal variability?. Climate Dynamics, 2018, 50, 4745-4766.	3.8	69
733	Extreme maximum temperature events and their relationships with large-scale modes: potential hazard on the Iberian Peninsula. Theoretical and Applied Climatology, 2018, 133, 531-550.	2.8	10
734	Long-term evolution of the Lower Danube discharge and corresponding climate variations: solar signature imprint. Theoretical and Applied Climatology, 2018, 133, 985-996.	2.8	12
735	The ECOMS User Data Gateway: Towards seasonal forecast data provision and research reproducibility in the era of Climate Services. Climate Services, 2018, 9, 33-43.	2.5	25
736	Evaluation of extreme precipitation based on satellite retrievals over China. Frontiers of Earth Science, 2018, 12, 846-861.	2.1	19
737	Climate Trends Impact on the Snowfall Regime in Mediterranean Mountain Areas: Future Scenario Assessment in Sierra Nevada (Spain). Water (Switzerland), 2018, 10, 720.	2.7	22
738	The accuracy of climate variability and trends across Arctic Fennoscandia in four reanalyses. International Journal of Climatology, 2018, 38, 3878-3895.	3.5	16
739	Evaluation of three global gridded precipitation data sets in central Asia based on rain gauge observations. International Journal of Climatology, 2018, 38, 3475-3493.	3.5	101
740	Accounting for missing data in monthly temperature series: Testing ruleâ€ofâ€thumb omission of months with missing values. International Journal of Climatology, 2018, 38, 4990-5002.	3.5	6
741	Performance of Excess Heat Factor Severity as a Global Heatwave Health Impact Index. International Journal of Environmental Research and Public Health, 2018, 15, 2494.	2.6	38
742	The Global Historical Climatology Network Monthly Temperature Dataset, Version 4. Journal of Climate, 2018, 31, 9835-9854.	3.2	145
743	Future perspectives of run-of-the-river hydropower and the impact of glaciers' shrinkage: The case of Italian Alps. Applied Energy, 2018, 231, 699-713.	10.1	29
744	Multi-model comparison of urban heat island modelling approaches. Atmospheric Chemistry and Physics, 2018, 18, 10655-10674.	4.9	25
745	Widespread and Accelerated Decrease of Observed Mean and Extreme Snow Depth Over Europe. Geophysical Research Letters, 2018, 45, 12,312.	4.0	61
746	Does insect induced defoliation affect anatomical structure of oak wood?. Dendrochronologia, 2018, 51, 66-75.	2.2	4
747	An Ensemble Version of the Eâ€OBS Temperature and Precipitation Data Sets. Journal of Geophysical Research D: Atmospheres, 2018, 123, 9391-9409.	3.3	875

#	Article	IF	CITATIONS
748	Climate and productivity affect total mercury concentration and bioaccumulation rate of fish along a spatial gradient of subarctic lakes. Science of the Total Environment, 2018, 637-638, 1586-1596.	8.0	29
749	Spatial behaviour of daily observed extreme temperatures in Northern Chile (1966–2015): data quality, warming trends, and its orographic and latitudinal effects. Stochastic Environmental Research and Risk Assessment, 2018, 32, 3503-3523.	4.0	15
750	Low-cycle fatigue life of a thermal break system under climatic actions. Engineering Structures, 2018, 168, 525-543.	5. 3	4
751	A spatial downscaling approach for the SMAP passive surface soil moisture product using random forest regression. Journal of Hydrology, 2018, 563, 1009-1024.	5.4	136
752	Skill of Subseasonal Forecasts in Europe: Effect of Bias Correction and Downscaling Using Surface Observations. Journal of Geophysical Research D: Atmospheres, 2018, 123, 7999-8016.	3.3	45
753	Reconstruction of late Holocene autumn/winter precipitation variability in SW Romania from a high-resolution speleothem trace element record. Earth and Planetary Science Letters, 2018, 499, 122-133.	4.4	41
754	A guanoâ€derived δ ¹³ C and δ ¹⁵ N record of climate since the Medieval Warm Period in northâ€west Romania. Journal of Quaternary Science, 2018, 33, 677-688.	2.1	15
755	Forecasting Summertime Surface Temperature and Precipitation in the Mexico City Metropolitan Area: Sensitivity of the WRF Model to Land Cover Changes. Frontiers in Earth Science, 2018, 6, .	1.8	9
756	Analysis of Flood Risk Due to Sea Level Rise in the Menor Sea (Murcia, Spain). Sustainability, 2018, 10, 780.	3.2	11
757	The Significance of the Spatial Variability of Rainfall on the Numerical Simulation of Urban Floods. Water (Switzerland), 2018, 10, 207.	2.7	25
758	Compound Extremes in Hydroclimatology: A Review. Water (Switzerland), 2018, 10, 718.	2.7	91
7 59	A full ARMA model for counts with bounded support and its application to rainy-days time series. Stochastic Environmental Research and Risk Assessment, 2018, 32, 2495-2514.	4.0	16
760	Risk assessment using suprema data. Stochastic Environmental Research and Risk Assessment, 2018, 32, 2839-2848.	4.0	3
761	Characterizing and Modeling Seasonality in Extreme Rainfall. Water Resources Research, 2018, 54, 6242-6258.	4.2	19
762	Shifting patterns of seasonal influenza epidemics. Scientific Reports, 2018, 8, 12786.	3.3	15
763	Annual cycle of temperature trends in Europe, 1961–2000. Global and Planetary Change, 2018, 170, 146-162.	3.5	17
764	Grey water footprint reduction in irrigated crop production: effect of nitrogen application rate, nitrogen form, tillage practice and irrigation strategy. Hydrology and Earth System Sciences, 2018, 22, 3245-3259.	4.9	53
765	Performance of an ensemble of CORDEX-SA simulations in representing maximum and minimum temperature over the Himalayan region. Theoretical and Applied Climatology, 2019, 136, 1047-1072.	2.8	3

#	ARTICLE	IF	Citations
766	An intercomparison of a large ensemble of statistical downscaling methods over Europe: Results from the VALUE perfect predictor crossâ€validation experiment. International Journal of Climatology, 2019, 39, 3750-3785.	3.5	164
767	A simple equation to study changes in rainfall statistics. Environmental Research Letters, 2019, 14, 084017.	5.2	22
768	Breeding sex ratios in two declining diving duck species: between-year variation and changes over six decades. Journal of Ornithology, 2019, 160, 1015-1023.	1.1	7
769	The impact of rising temperatures on water balance and phenology of European beech (Fagus sylvatica) Tj ETQq1	1 _{3.4} 78431	4 rgBT /Ov
770	An Occupational Heat–Health Warning System for Europe: The HEAT-SHIELD Platform. International Journal of Environmental Research and Public Health, 2019, 16, 2890.	2.6	46
771	Revealing hidden persistence in maximum rainfall records. Hydrological Sciences Journal, 2019, 64, 1673-1689.	2.6	25
772	Detection of a Climate Change Signal in Extreme Heat, Heat Stress, and Cold in Europe From Observations. Geophysical Research Letters, 2019, 46, 8363-8374.	4.0	108
773	Statistical Projection of the North Atlantic Storm Tracks. Journal of Applied Meteorology and Climatology, 2019, 58, 1509-1522.	1.5	8
774	Ensemble of evolving optimal granular experts, OWA aggregation, and time series prediction. Information Sciences, 2019, 504, 95-112.	6.9	26
775	Methodological Intercomparisons of Station-Based Gridded Meteorological Products: Utility, Limitations, and Paths Forward. Journal of Hydrometeorology, 2019, 20, 531-547.	1.9	20
776	Atmospheric circulation conditions during winter warm spells in Central Europe. Natural Hazards, 2019, 96, 1413-1428.	3.4	13
777	The METACLIP semantic provenance framework for climate products. Environmental Modelling and Software, 2019, 119, 445-457.	4.5	7
778	Observed Trends in Thermal Stress at European Cities with Different Background Climates. Atmosphere, 2019, 10, 436.	2.3	24
779	On the Exact Distribution of Correlated Extremes in Hydrology. Water Resources Research, 2019, 55, 10405-10423.	4.2	18
780	A note on analysis of extreme minimum temperatures with the GAMLSS framework. Acta Geophysica, 2019, 67, 1599-1604.	2.0	5
781	A simple decomposition of European temperature variability capturing the variance from days to a decade. Climate Dynamics, 2019, 53, 6909-6917.	3.8	13
782	Evaluation needs and temporal performance differences of gridded precipitation products in peripheral mountain regions. Scientific Reports, 2019, 9, 15118.	3.3	66
783	Frequency of extreme precipitation increases extensively with event rareness under global warming. Scientific Reports, 2019, 9, 16063.	3.3	393

#	Article	IF	CITATIONS
784	The urban imprint on plant phenology. Nature Ecology and Evolution, 2019, 3, 1668-1674.	7.8	65
785	The EUSTACE global land station daily air temperature dataset. Geoscience Data Journal, 2019, 6, 189-204.	4.4	11
786	Differences in wind speeds according to measured and homogenized series in the Czech Republic, 1961–2015. International Journal of Climatology, 2019, 39, 235-250.	3.5	16
787	Remotely sensed estimation of vegetation shifts in the polar and alpine tree-line ecotone in Finnish Lapland during the last three decades. Forest Ecology and Management, 2019, 454, 117668.	3.2	15
788	Retrospective Analysis of Summer Temperature Anomalies with the Use of Precipitation and Evapotranspiration Rates. Climate, 2019, 7, 104.	2.8	6
789	A Validation of Fengyun4A Temperature and Humidity Profile Products by Radiosonde Observations. Remote Sensing, 2019, 11, 2039.	4.0	5
790	Towards more predictive and interdisciplinary climate change ecosystem experiments. Nature Climate Change, 2019, 9, 809-816.	18.8	28
791	GSDR: A Global Sub-Daily Rainfall Dataset. Journal of Climate, 2019, 32, 4715-4729.	3.2	7 3
792	Extreme events in Romania associated with large-scale atmospheric circulation. AIP Conference Proceedings, 2019, , .	0.4	0
793	Spatial Downscaling of the FY3B Soil Moisture Using Random Forest Regression. , 2019, , .		2
794	A Combination of PROBA-V/MODIS-based Products with Sentinel-1 SAR Data for Detecting Wet and Dry Snow Cover in Mountainous Areas. Remote Sensing, 2019, 11, 1904.	4.0	5
795	Two millennia of Main region (southern Germany) hydroclimate variability. Climate of the Past, 2019, 15, 1677-1690.	3.4	6
796	Mean and extreme temperatures in a warming climate: EURO CORDEX and WRF regional climate high-resolution projections for Portugal. Climate Dynamics, 2019, 52, 129-157.	3.8	84
797	Blocking representation in the ERA-Interim driven EURO-CORDEX RCMs. Climate Dynamics, 2019, 52, 3291-3306.	3.8	12
798	Limitations at the Limit? Diminishing of Genetic Effects in Norway Spruce Provenance Trials. Frontiers in Plant Science, 2019, 10, 306.	3.6	36
799	Potential Added Value of Incorporating Human Water Use on the Simulation of Evapotranspiration and Precipitation in a Continentalâ€Scale Bedrockâ€toâ€Atmosphere Modeling System: A Validation Study Considering Observational Uncertainty. Journal of Advances in Modeling Earth Systems, 2019, 11, 1959-1980.	3.8	3
800	Future changes in five extreme precipitation indices in the lowlands of Romania. International Journal of Climatology, 2019, 39, 5720-5740.	3.5	16
801	Analysis of the Trends in Observed Extreme Temperatures in Mainland Chile Between 1966 and 2015 Using Different Indices. Pure and Applied Geophysics, 2019, 176, 5141-5160.	1.9	3

#	Article	IF	CITATIONS
802	Precipitation From Persistent Extremes is Increasing in Most Regions and Globally. Geophysical Research Letters, 2019, 46, 6041-6049.	4.0	79
803	Wet and Dry Snow Detection Using Sentinel-1 SAR Data for Mountainous Areas with a Machine Learning Technique. Remote Sensing, 2019, 11, 895.	4.0	45
804	Near-optimal selection of representative measuring points for robust temperature field reconstruction with the CRO-SL and analogue methods. Global and Planetary Change, 2019, 178, 15-34.	3. 5	16
805	Aridity in the Iberian Peninsula (1960–2017): distribution, tendencies, and changes. Theoretical and Applied Climatology, 2019, 138, 811-830.	2.8	28
806	Effects of climate change and adaptation options on winter wheat yield under rainfed Mediterranean conditions in southern Portugal. Climatic Change, 2019, 154, 159-178.	3.6	63
807	Simulation of extreme temperatures using a new method: TINâ€copula. International Journal of Climatology, 2019, 39, 5201-5214.	3.5	7
808	Long-term changes in precipitation phase in Europe in cold half year. Atmospheric Research, 2019, 227, 79-88.	4.1	19
809	Validation of spatial variability in downscaling results from the VALUE perfect predictor experiment. International Journal of Climatology, 2019, 39, 3819-3845.	3.5	27
810	Higher climatic sensitivity of Scots pine (Pinus sylvestris L.) subjected to tourist pressure on a hiking trail in the Brodnica Lakeland, NE Poland. Dendrochronologia, 2019, 54, 78-86.	2.2	8
811	Evaluation of CLARA-A2 and ISCCP-H Cloud Cover Climate Data Records over Europe with ECA&D Ground-Based Measurements. Remote Sensing, 2019, 11, 212.	4.0	19
812	Harmonized evaluation of daily precipitation downscaled using SDSM and WRF+WRFDA models over the Iberian Peninsula. Climate Dynamics, 2019, 53, 1413-1433.	3.8	17
813	Speleothem δ ¹³ C record suggests enhanced spring/summer drought in south-eastern Spain between 9.7 and 7.8 ka – A circum-Western Mediterranean anomaly?. Holocene, 2019, 29, 1113-1133.	1.7	16
814	Early meteorological data in southern Spain during the Dalton Minimum. International Journal of Climatology, 2019, 39, 3593-3607.	3.5	10
815	A reappraisal of the thermal growing season length across Europe. International Journal of Climatology, 2019, 39, 1787-1795.	3.5	12
816	Stochastic ensemble climate forecast with an analogue model. Geoscientific Model Development, 2019, 12, 723-734.	3.6	12
817	A time series analysis of the relationship between apparent temperature, air pollutants and ischemic stroke in Madrid, Spain. Environmental Research, 2019, 173, 349-358.	7. 5	49
818	Changes to Land Area Used for Grain Maize Production in Central Europe due to Predicted Climate Change. International Journal of Agronomy, 2019, 2019, 1-9.	1.2	5
819	Effect of provenance and climate on intra-annual density fluctuations of Norway spruce Picea abies (L.) Karst. in Poland. Agricultural and Forest Meteorology, 2019, 269-270, 145-156.	4.8	28

#	Article	IF	CITATIONS
820	Temporal changes in wind conditions at Svalbard for the years 1986–2015. Geografiska Annaler, Series A: Physical Geography, 2019, 101, 136-156.	1.5	6
821	Development of a Stochastic Storm Generator Using High-Resolution Precipitation Records. Applied Engineering in Agriculture, 2019, 35, 461-473.	0.7	1
822	A Multi-Channel Temperature Measurement and Fusion System Based on Cortex-M4. , 2019, , .		1
823	Rainfall erosivity and extreme precipitation in the Pannonian basin. Open Geosciences, 2019, 11, 664-681.	1.7	36
824	A climate projection dataset tailored for the European energy sector. Climate Services, 2019, 16, 100138.	2.5	23
825	Designing a Framework for Data Quality Validation of Meteorological Data System. IEICE Transactions on Information and Systems, 2019, E102.D, 800-809.	0.7	3
826	Observed Changes in Extreme Temperature over the Global Land Based on a Newly Developed Station Daily Dataset. Journal of Climate, 2019, 32, 8489-8509.	3.2	22
827	Low-Frequency Baltic Sea Level Spectrum. Frontiers in Earth Science, 2019, 7, .	1.8	6
828	Intensification of summer precipitation with shorter time-scales in Europe. Environmental Research Letters, 2019, 14, 124050.	5.2	31
829	Mean, variance, and trends of Levant precipitation over the past 4500 years from reconstructed Dead Sea levels and stochastic modeling. Quaternary Research, 2019, 91, 751-767.	1.7	35
830	A circulationâ€based approach considering nonâ€stationarities within the scope of statistical downscaling: An example of seasonal daily precipitation extremes in the Mediterranean area. International Journal of Climatology, 2019, 39, 1912-1926.	3.5	1
831	Choice of reference climate conditions matters in impact studies: Case of biasâ€corrected CORDEX data set. International Journal of Climatology, 2019, 39, 2022-2040.	3.5	2
832	Modelling pine wilt disease (PWD) for current and future climate scenarios as part of a pest risk analysis for pine wood nematode Bursaphelenchus xylophilus (Steiner and Buhrer) Nickle in Germany. Journal of Plant Diseases and Protection, 2019, 126, 129-144.	2.9	10
833	Future high-temperature extremes and stationarity. Natural Hazards, 2019, 98, 1115-1134.	3.4	7
834	Processâ€based evaluation of the VALUE perfect predictor experiment of statistical downscaling methods. International Journal of Climatology, 2019, 39, 3868-3893.	3.5	32
835	Anthocyanins in Nutrition: Biochemistry and Health Benefits. , 2019, , 143-152.		4
836	Statistical downscaling skill under present climate conditions: A synthesis of the VALUE perfect predictor experiment. International Journal of Climatology, 2019, 39, 3692-3703.	3.5	51
837	Homogenization of daily temperature series in the European Climate Assessment & Dataset. International Journal of Climatology, 2019, 39, 1243-1261.	3.5	41

#	Article	IF	CITATIONS
838	Uncertainty in gridded precipitation products: Influence of station density, interpolation method and grid resolution. International Journal of Climatology, 2019, 39, 3717-3729.	3.5	71
839	The VALUE perfect predictor experiment: Evaluation of temporal variability. International Journal of Climatology, 2019, 39, 3786-3818.	3.5	47
840	Joint distribution of temperature and precipitation in the Mediterranean, using the Copula method. Theoretical and Applied Climatology, 2019, 135, 1399-1411.	2.8	32
841	Modulation of extreme temperatures in Europe under extreme values of the North Atlantic Oscillation Index. Annals of the New York Academy of Sciences, 2019, 1436, 174-183.	3.8	2
842	On climate prediction: how much can we expect from climate memory?. Climate Dynamics, 2019, 52, 855-864.	3.8	29
843	Bayesian modeling of temperature-related mortality with latent functional relationships. Communications in Statistics - Theory and Methods, 2019, 48, 3-14.	1.0	0
844	Coherent variability between seasonal temperatures and rainfalls in the Iberian Peninsula, 1951–2016. Theoretical and Applied Climatology, 2019, 135, 473-490.	2.8	6
845	Precipitation and temperature trends over central Italy (Abruzzo Region): 1951–2012. Theoretical and Applied Climatology, 2019, 135, 959-977.	2.8	32
846	Comparison of statistical downscaling methods with respect to extreme events over Europe: Validation results from the perfect predictor experiment of the COST Action VALUE. International Journal of Climatology, 2019, 39, 3846-3867.	3.5	64
847	A review of statistical methods to analyze extreme precipitation and temperature events in the Mediterranean region. Theoretical and Applied Climatology, 2019, 136, 99-117.	2.8	38
848	Variability of precipitation in Poland under climate change. Theoretical and Applied Climatology, 2019, 135, 1003-1015.	2.8	66
849	A simulation-optimization methodology to model urban catchments under non-stationary extreme rainfall events. Environmental Modelling and Software, 2019, 122, 103960.	4.5	17
850	Changepoint analysis of Klementinum temperature series. Environmetrics, 2020, 31, e2570.	1.4	4
851	A scale-adaptive method for urban rainwater harvesting simulation. Environmental Science and Pollution Research, 2020, 27, 4557-4570.	5.3	12
852	Risk management of climate impact for tourism operators: An empirical analysis on ski resorts. Tourism Management, 2020, 77, 104011.	9.8	20
853	Spatiotemporal variability of daily precipitation concentration and its relationship to teleconnection patterns over the Mediterranean during 1975–2015. International Journal of Climatology, 2020, 40, 1435-1455.	3.5	41
854	Changing the urban design of cities for health: The superblock model. Environment International, 2020, 134, 105132.	10.0	186
855	Characteristics of observed rainfall over Odisha: An extreme vulnerable zone in the east coast of India. Theoretical and Applied Climatology, 2020, 139, 517-531.	2.8	11

#	Article	IF	CITATIONS
856	Combined TBATS and SVM model of minimum and maximum air temperatures applied to wheat yield prediction at different locations in Europe. Agricultural and Forest Meteorology, 2020, 281, 107827.	4.8	17
857	Evaluation of the TRMM rainfall product accuracy over the central Mediterranean during a 20-year period (1998–2017). Theoretical and Applied Climatology, 2020, 139, 785-799.	2.8	8
858	The impact of drought spells on forests depends on site conditions: The case of 2017 summer heat wave in southern Europe. Global Change Biology, 2020, 26, 851-863.	9.5	83
859	Development of a nearâ€realâ€time global in situ daily precipitation dataset for 0000–0000 UTC. International Journal of Climatology, 2020, 40, 2795-2810.	3.5	2
860	Comparison of homogenization methods for daily temperature series against an observation-based benchmark dataset. Theoretical and Applied Climatology, 2020, 140, 285-301.	2.8	23
861	Study of changes in the multivariate precipitation series. Modeling Earth Systems and Environment, 2020, 6, 811-820.	3.4	2
862	Spatio-temporal regression kriging model of mean daily temperature for Croatia. Theoretical and Applied Climatology, 2020, 140, 101-114.	2.8	20
863	Temperature trends in Europe: comparison of different data sources. Theoretical and Applied Climatology, 2020, 139, 1305-1316.	2.8	26
864	Climate and land-use as the main drivers of recent environmental change in a mid-altitude mountain lake, Romanian Carpathians. PLoS ONE, 2020, 15, e0239209.	2.5	9
865	An updated longâ€ŧerm homogenized daily temperature data set for Australia. Geoscience Data Journal, 2020, 7, 149-169.	4.4	20
866	Designing and evaluating regional climate simulations for high latitude land use land cover change studies. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 72, 1853437.	1.7	12
867	Changes in the Occurrence of Late Spring Frost in Poland. Agronomy, 2020, 10, 1835.	3.0	10
868	Long-Term Temporal Stability of the Resistome in Sewage from Copenhagen. MSystems, 2020, 5, .	3.8	6
869	Multisite, multivariate weather generation based on generalised linear models. Environmental Modelling and Software, 2020, 134, 104867.	4.5	7
870	A temperature- and photoperiod-driven model reveals complex temporal population dynamics of the invasive box tree moth in Europe. Ecological Modelling, 2020, 432, 109229.	2.5	16
871	High-Resolution Solar Climate Atlas for Greece under Climate Change Using the Weather Research and Forecasting (WRF) Model. Atmosphere, 2020, 11, 761.	2.3	16
872	To what extent does the detection of climate change in Hungary depend on the choice of statistical methods?. GEM - International Journal on Geomathematics, 2020, 11 , 1 .	1.6	11
873	An ARFIMA-based model for daily precipitation amounts with direct access to fluctuations. Stochastic Environmental Research and Risk Assessment, 2020, 34, 1487-1505.	4.0	6

#	Article	IF	CITATIONS
874	Yield increases due to fungicide control of leaf blotch diseases in wheat and barley as a basis for IPM decision-making in the Nordic-Baltic region. European Journal of Plant Pathology, 2020, 158, 315-333.	1.7	25
875	A novel method for assessing climate change impacts in ecotron experiments. International Journal of Biometeorology, 2020, 64, 1709-1727.	3.0	8
876	New high-resolution gridded dataset of daily mean, minimum, and maximum temperature and relative humidity for Central Europe (HYRAS). Theoretical and Applied Climatology, 2020, 142, 1531-1553.	2.8	29
877	The applicability of the Hess–Brezowsky synoptic classification to the description of climate elements in Europe. Theoretical and Applied Climatology, 2020, 142, 1295-1309.	2.8	2
878	Changes Detected in Five Bioclimatic Indices in Large Romanian Cities over the Period 1961–2016. Atmosphere, 2020, 11, 819.	2.3	11
879	A Randomly Accessible Lossless Compression Scheme for Time-Series Data. , 2020, , .		14
880	Minor Imbalance of the Lowermost Italian Glacier from 2006 to 2019. Water (Switzerland), 2020, 12, 2503.	2.7	8
881	Quality and Health Risk Assessment Associated with Water Consumption—A Case Study on Karstic Springs. Water (Switzerland), 2020, 12, 3510.	2.7	30
882	Progress towards a holistic land and marine surface meteorological database and a call for additional contributions. Geoscience Data Journal, 2021, 8, 103-120.	4.4	12
883	Highâ€resolution gridded climate data for Europe based on biasâ€corrected EUROâ€CORDEX: The ECLIPS dataset. Geoscience Data Journal, 2021, 8, 121-131.	4.4	13
884	Long-Term Homogeneity and Trends of Hydroclimatic Variables in Upper Awash River Basin, Ethiopia. Advances in Meteorology, 2020, 2020, 1-21.	1.6	15
885	Changes in the Characteristics of Dry and Wet Periods in Europe (1851–2015). Atmosphere, 2020, 11, 1080.	2.3	10
886	Floods and Droughts., 2020,, 50-67.		0
890	Heatwaves and Cold Spells. , 2020, , 68-102.		0
891	Hurricanes and Other Storms. , 2020, , 103-134.		0
900	Manipulation of Prenatal Thyroid Hormones Does Not Affect Growth or Physiology in Nestling Pied Flycatchers. Physiological and Biochemical Zoology, 2020, 93, 255-266.	1.5	13
901	Enhanced West Nile Virus Circulation in the Emilia-Romagna and Lombardy Regions (Northern Italy) in 2018 Detected by Entomological Surveillance. Frontiers in Veterinary Science, 2020, 7, 243.	2,2	30
902	Temperature Forecast Accuracies of Polish Proverbs. Weather, Climate, and Society, 2020, 12, 405-419.	1.1	2

#	Article	IF	Citations
903	Review: The influence of global change on Europe's water cycle and groundwater recharge. Hydrogeology Journal, 2020, 28, 1939-1959.	2.1	42
904	Geographical Distribution of Ljungan Virus in Small Mammals in Europe. Vector-Borne and Zoonotic Diseases, 2020, 20, 692-702.	1.5	5
905	Improvement of spatial interpolation accuracy of daily maximum air temperature in urban areas using a stacking ensemble technique. GIScience and Remote Sensing, 2020, 57, 633-649.	5.9	41
906	Statistical downscaling with the downscaleR package (v3.1.0): contribution to the VALUE intercomparison experiment. Geoscientific Model Development, 2020, 13, 1711-1735.	3.6	40
907	Multisite Weather Generators Using Bayesian Networks: An Illustrative Case Study for Precipitation Occurrence. Water Resources Research, 2020, 56, e2019WR026416.	4.2	5
908	HCLIM38: a flexible regional climate model applicable for different climate zones from coarse to convection-permitting scales. Geoscientific Model Development, 2020, 13, 1311-1333.	3.6	46
909	Simulation of extreme heat waves with empirical importance sampling. Geoscientific Model Development, 2020, 13, 763-781.	3.6	12
910	The recordâ€breaking heat wave of June 2019 in Central Europe. Atmospheric Science Letters, 2020, 21, e964.	1.9	45
911	Bog Microtopography and the Climatic Sensitivity of Testate Amoeba Communities: Implications for Transfer Function-Based Paleo-Water Table Reconstructions. Microbial Ecology, 2020, 80, 309-321.	2.8	2
912	A selection of weather type classification systems and examples of their application. Theoretical and Applied Climatology, 2020, 140, 719-730.	2.8	8
913	Escalating environmental summer heat exposure—a future threat for the European workforce. Regional Environmental Change, 2020, 20, 1.	2.9	45
914	Evaluation of a New Statistical Methodâ€"TIN-Copulaâ€"for the Bias Correction of Climate Models' Extreme Parameters. Atmosphere, 2020, 11, 243.	2.3	6
915	Meteorological and Ancillary Data Resources for Climate Research in Urban Areas. Climate, 2020, 8, 37.	2.8	15
916	Estimation of the extremal index using censored distributions. Extremes, 2020, 23, 197-213.	1.0	6
917	Germination responses to winter warm spells and warming vary widely among woody plants in a temperate forest. Plant Biology, 2020, 22, 1052-1061.	3.8	10
918	Development of an Updated Global Land In Situâ€Based Data Set of Temperature and Precipitation Extremes: HadEX3. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032263.	3.3	182
919	Observed extreme precipitation trends and scaling in Central Europe. Weather and Climate Extremes, 2020, 29, 100266.	4.1	40
920	Machine learning information fusion in Earth observation: A comprehensive review of methods, applications and data sources. Information Fusion, 2020, 63, 256-272.	19.1	102

#	Article	IF	CITATIONS
921	A crossâ€checked global monthly weather station database for precipitation covering the period 1901–2010. Geoscience Data Journal, 2020, 7, 27-37.	4.4	5
922	Aridity conditions within the region of Oltenia (Romania) from 1961 to 2015. Theoretical and Applied Climatology, 2020, 140, 589-602.	2.8	14
923	Building Long Homogeneous Temperature Series across Europe: A New Approach for the Blending of Neighboring Series. Journal of Applied Meteorology and Climatology, 2020, 59, 175-189.	1.5	7
924	Nitrate leaching and nitrous oxide emissions from maize after grass-clover on a coarse sandy soil: Mitigation potentials of 3,4-dimethylpyrazole phosphate (DMPP). Journal of Environmental Management, 2020, 260, 110165.	7.8	25
925	Probability Distribution and Characterization of Daily Precipitation Related to Tropical Cyclones over the Korean Peninsula. Water (Switzerland), 2020, 12, 1214.	2.7	10
926	Projecting the future of rainfall extremes: Better classic than trendy. Journal of Hydrology, 2020, 588, 125005.	5.4	25
927	Joint Trends in Flood Magnitudes and Spatial Extents Across Europe. Geophysical Research Letters, 2020, 47, e2020GL087464.	4.0	75
928	Modeling leaf senescence of deciduous tree species in Europe. Global Change Biology, 2020, 26, 4104-4118.	9.5	41
930	Time Series Decomposition of the Daily Outdoor Air Temperature in Europe for Long-Term Energy Forecasting in the Context of Climate Change. Energies, 2020, 13, 1569.	3.1	3
931	Trends in mean performance and stability of winter wheat and winter rye yields in a long-term series of variety trials. Field Crops Research, 2020, 252, 107792.	5.1	22
932	Dynamic changes in snowfall extremes in the Songhua River Basin, Northeastern China. International Journal of Climatology, 2021, 41, 423-438.	3.5	5
933	k-Gaps: a novel technique for clustering incomplete climatological time series. Theoretical and Applied Climatology, 2021, 143, 447-460.	2.8	6
934	How weather experiences strengthen climate opinions in Europe. West European Politics, 2021, 44, 1604-1618.	4.7	6
935	Uncertainty evaluation of Climatol's adjustment algorithm applied to daily air temperature time series. International Journal of Climatology, 2021, 41, E2395.	3.5	9
936	Cloud cover changes driven by atmospheric circulation in Europe during the last decades. International Journal of Climatology, 2021, 41, E2211.	3.5	18
937	Deciphering the effect of climate warming on an emerging poplar pest using spatial extrapolation of population parameters. Agricultural and Forest Entomology, 2021, 23, 121-133.	1.3	2
938	Modeling and projecting health-relevant combined ozone and temperature events in present and future Central European climate. Air Quality, Atmosphere and Health, 2021, 14, 563-580.	3.3	5
939	Conversion factors for residential wood energy in the European Union: an introduction to harmonizing units of measurement. Renewable and Sustainable Energy Reviews, 2021, 138, 110491.	16.4	5

#	Article	IF	CITATIONS
940	Suspended sediment modelling with hydrological and climate input data. Journal of Hydroinformatics, 2021, 23, 192-210.	2.4	5
941	An Updated Assessment of Nearâ€Surface Temperature Change From 1850: The HadCRUT5 Data Set. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2019JD032361.	3.3	299
942	Numerical investigation of atmosphere-fire interactions during high-impact wildland fire events in Greece. Atmospheric Research, 2021, 247, 105253.	4.1	13
943	Vulnerability of hopâ€yields due to compound drought and heat events over European keyâ€hop regions. International Journal of Climatology, 2021, 41, E2136.	3.5	25
944	Stress gradients and biodiversity: monoculture vulnerability drives stronger biodiversity effects during drought years. Ecology, 2021, 102, e03193.	3.2	31
945	Effects of an extreme drought on the endangered pearl mussel Margaritifera margaritifera: a before/after assessment. Hydrobiologia, 2021, 848, 3003-3013.	2.0	14
946	Evaluation of gridded rainâ€gaugeâ€based precipitation datasets: Impact of station density, spatial resolution, altitude gradient and climate. International Journal of Climatology, 2021, 41, 3027-3043.	3.5	27
947	Peculiarities of yield formation of potato depending on the climate conditions of the western forest steppe of Ukraine. E3S Web of Conferences, 2021, 254, 02016.	0.5	4
948	Neighbourhood and path-based greenspace in three European countries: associations with objective physical activity. BMC Public Health, 2021, 21, 282.	2.9	9
949	Comparative Analysis between Daily Extreme Temperature and Precipitation Values Derived from Observations and Gridded Datasets in North-Western Romania. Atmosphere, 2021, 12, 361.	2.3	12
950	Representation of Climate in Reanalyses: An Intercomparison for Europe and North America. Journal of Climate, 2021, 34, 1667-1684.	3.2	21
951	Evaluation of trends in extreme temperatures simulated by HighResMIP models across Europe. Climate Dynamics, 2021, 56, 2389-2412.	3.8	8
952	Do light rail systems reduce traffic externalities? Empirical evidence from mid-size european cities. Transportation Research, Part D: Transport and Environment, 2021, 92, 102731.	6.8	18
953	Seasonal discharge response to temperature-driven changes in evaporation and snow processes in the Rhine Basin. Earth System Dynamics, 2021, 12, 387-400.	7.1	3
954	Large-area thermal anomalies in Europe (1951–2018). Temporal and spatial patterns. Atmospheric Research, 2021, 251, 105434.	4.1	20
955	A high-resolution daily gridded meteorological dataset for Serbia made by Random Forest Spatial Interpolation. Scientific Data, 2021, 8, 123.	5.3	11
956	Climate Projections for Precipitation and Temperature Indicators in the Douro Wine Region: The Importance of Bias Correction. Agronomy, 2021, 11, 990.	3.0	25
957	Verification of the EURO-CORDEX RCM Historical Run Results over the Pannonian Basin for the Summer Season. Atmosphere, 2021, 12, 714.	2.3	7

#	Article	IF	CITATIONS
958	Patterns of genetic diversity vary among shoot and root functional traits in Norway spruce <i>Picea abies</i> along a latitudinal gradient. Oikos, 2021, 130, 1143-1157.	2.7	5
959	Evaluation of Current Trends of Climatic Actions in Europe Based on Observations and Regional Reanalysis. Remote Sensing, 2021, 13, 2025.	4.0	6
960	Measuring the impact of rideâ€hailing firms on urban congestion: The case of Uber in Europe. Papers in Regional Science, 2021, 100, 1230-1254.	1.9	4
961	Chikungunya Beyond the Tropics: Where and When Do We Expect Disease Transmission in Europe?. Viruses, 2021, 13, 1024.	3.3	16
962	Exploring Combined Influences of Seasonal East Atlantic (EA) and North Atlantic Oscillation (NAO) on the Temperature-Precipitation Relationship in the Iberian Peninsula. Geosciences (Switzerland), 2021, 11, 211.	2.2	12
963	Using Machine Learning to estimate the impact of ports and cruise ship traffic on urban air quality: The case of Barcelona. Environmental Modelling and Software, 2021, 139, 104995.	4.5	24
964	Evaluation of the Tourism Climate Index in the Canary Islands. Sustainability, 2021, 13, 7042.	3.2	10
965	Multiâ€objective downscaling of precipitation time series by genetic programming. International Journal of Climatology, 2021, 41, 6162-6182.	3.5	2
966	Circadian and Seasonal Patterns of Body Temperature in Arctic Migratory and Temperate Non-migratory Geese. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	4
967	Current and Predicted Future Winter Warm Spells Would Affect Douglas Fir (Pseudotsuga menziesii) Tj ETQq1 Forests, 2021, 12, 796.	1 0.784314 2.1	rgBT /Overlo
968	Pollution and congestion in urban areas: The effects of low emission zones. Economics of Transportation, 2021, 26-27, 100221.	2.3	9
969	Longâ€term changes in drought indices in eastern and central Europe. International Journal of Climatology, 2022, 42, 225-249.	3.5	41
971	Analysis of Sub-Daily Precipitation for the PannEx Region. Atmosphere, 2021, 12, 838.	2.3	4
972	Spatiotemporal variation in climatic conditions across ecosystems. Climate Research, 2022, 86, 9-19.	1.1	8
974	Weathering of materials at Notre-Dame from changes in air pollution and climate in Paris, 1325–2090. Journal of Cultural Heritage, 2021, 50, 88-94.	3.3	17
975	Environmental and biological factors are joint drivers of mercury biomagnification in subarctic lake food webs along a climate and productivity gradient. Science of the Total Environment, 2021, 779, 146261.	8.0	17
976	Time Series Analysis of Climatic Variables in Peninsular Spain. Trends and Forecasting Models for Data between 20th and 21st Centuries. Climate, 2021, 9, 119.	2.8	9
977	Spatiotemporal Analysis of the Frost Regime in the Iberian Peninsula in the Context of Climate Change (1975–2018). Sustainability, 2021, 13, 8491.	3.2	7

#	Article	IF	CITATIONS
978	Evaluation of daily precipitation analyses in <scp>Eâ€OBS</scp> (v19.0e) and <scp>ERA5</scp> by comparison to regional highâ€resolution datasets in European regions. International Journal of Climatology, 2022, 42, 727-747.	3.5	72
979	A Spatially Explicit Crop Yield Model to Simulate Agricultural Productivity for Past Societies under Changing Environmental Conditions. Water (Switzerland), 2021, 13, 2023.	2.7	4
980	Assessing Climate Change Trends and Their Relationships with Alpine Vegetation and Surface Water Dynamics in the Everest Region, Nepal. Atmosphere, 2021, 12, 987.	2.3	3
981	Mediterranean-Scale Drought: Regional Datasets for Exceptional Meteorological Drought Events during 1975–2019. Atmosphere, 2021, 12, 941.	2.3	27
982	Copula-based multiple indicator kriging for non-Gaussian random fields. Spatial Statistics, 2021, 44, 100524.	1.9	2
983	Sustainable Determinants That Affect Tourist Arrival Forecasting. Sustainability, 2021, 13, 9659.	3.2	15
984	Two large-scale forest scenario modelling approaches for reporting CO2 removal: a comparison for the Romanian forests. Carbon Balance and Management, 2021, 16, 25.	3.2	7
985	Moisture recycling and the potential role of forests as moisture source during European heatwaves. Climate Dynamics, 2022, 58, 609-624.	3.8	8
986	Changes in extreme air temperatures in the mid-sized European city situated on southern base of a mountain (Zagreb, Croatia). Theoretical and Applied Climatology, 2021, 146, 429-441.	2.8	14
987	ArcDrain: A GIS Add-In for Automated Determination of Surface Runoff in Urban Catchments. International Journal of Environmental Research and Public Health, 2021, 18, 8802.	2.6	3
988	Multiple-Facet Diversity Patterns of Aquatic Vegetation in Lakes along a Trophic Gradient. Water (Switzerland), 2021, 13, 2281.	2.7	1
989	Influence of the East Atlantic/West Russia pattern on precipitation over Serbia. Theoretical and Applied Climatology, 2021, 146, 997-1006.	2.8	3
991	Assessing Urban Landslide Dynamics through Multi-Temporal InSAR Techniques and Slope Numerical Modeling. Remote Sensing, 2021, 13, 3862.	4.0	9
992	Emerging forest–peatland bistability and resilience of European peatland carbon stores. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	18
993	Warming in Europe: Recent Trends in Annual and Seasonal temperatures. Pure and Applied Geophysics, 2021, 178, 4021-4032.	1.9	50
994	Modelling forest ruin due to climate hazards. Earth System Dynamics, 2021, 12, 997-1013.	7.1	1
995	Parametric estimation of non-crossing quantile functions. Statistical Modelling, 0, , 1471082X2110365.	1.1	3
996	An ecohydrological journey of 4500 years reveals a stable but threatened precipitation–groundwater recharge relation around Jerusalem. Science Advances, 2021, 7, eabe6303.	10.3	15

#	ARTICLE	IF	CITATIONS
997	Measuring temperature trends in the Mediterranean basin. Journal of Atmospheric and Solar-Terrestrial Physics, 2021, 222, 105713.	1.6	0
998	The new generation of District heating & District heating amp; cooling networks and their potential development in France. Energy, 2021, 236, 121477.	8.8	11
999	Artificial light pollution inhibits plant phenology advance induced by climate warming. Environmental Pollution, 2021, 291, 118110.	7.5	19
1000	Seamless downscaling of the ESA CCI soil moisture data at the daily scale with MODIS land products. Journal of Hydrology, 2021, 603, 126930.	5.4	36
1001	Trends and variability of precipitation extremes in the Peruvian Altiplano (1971–2013). International Journal of Climatology, 2021, 41, 513-528.	3.5	7
1002	Summer Heat Waves in Western Europe, Their Past Change and Future Projections. , 2008, , 235-250.		9
1003	The Vulnerability of Water Resources from Eastern Romania to Anthropic Impact and Climate Change. Springer Water, 2020, , 229-250.	0.3	6
1004	Definitions and Indices of Precipitation Extremes. Springer Atmospheric Sciences, 2016, , 39-82.	0.3	1
1005	Recent Changeâ€"Atmosphere. Regional Climate Studies, 2016, , 55-84.	1.2	10
1006	Influences of Climate and Land Use History on Forest and Timberline Dynamics in the Carpathian Mountains During the Twentieth Century. Environmental Science and Engineering, 2013, , 209-223.	0.2	15
1007	Climate Changes in the Vertical Zones of the Polish Carpathians in the Last 50ÂYears. Environmental Science and Engineering, 2013, , 89-109.	0.2	7
1008	Seasonal Differentiation of Maximum and Minimum Air Temperature in Cracow and Prague in the Period 1836–2007., 2010, , 407-421.		2
1009	Variability of the European Climate on the Basis of Differentiation of Indicators of Continentalism. , 2010, , 473-484.		5
1010	Climate change and the occurrence of extremes: some implications for the Mediterranean Basin., 2004, , 61-73.		10
1011	Impacts of the NAO on Atmospheric Pollution in the Mediterranean Basin. Advances in Global Change Research, 2011, , 171-181.	1.6	5
1012	Extreme Rainfalls in the Mediterranean Area. Advances in Natural and Technological Hazards Research, 2014, , 17-37.	1.1	12
1013	Temporary pond loss as a result of pasture abandonment: exploring the social-ecological drivers and consequences for amphibians. Journal for Nature Conservation, 2020, 55, 125836.	1.8	4
1015	Late 1980s abrupt cold season temperature change in Europe consistent with circulation variability and long-term warming. Environmental Research Letters, 2020, 15, 094056.	5.2	15

#	Article	IF	CITATIONS
1017	The EUSTACE Project: Delivering Global, Daily Information on Surface Air Temperature. Bulletin of the American Meteorological Society, 2020, 101, E1924-E1947.	3.3	18
1018	Slope Safety Preparedness for Impact of Climate Change. , 0, , .		7
1020	No Evidence of the Effect of Extreme Weather Events on Annual Occurrence of Four Groups of Ectothermic Species. PLoS ONE, 2014, 9, e110219.	2.5	13
1021	Influence of riverine input on the growth of Glycymeris glycymeris in the Bay of Brest, North-West France. PLoS ONE, 2017, 12, e0189782.	2.5	12
1022	Mobilisation of data to stakeholder communities. Bridging the research-practice gap using a commercial shellfish species model. PLoS ONE, 2020, 15, e0238446.	2.5	12
1023	Validation of Quality Control Algorithms for Temperature Data of the Republic of Korea. Atmosphere, 2012, 22, 299-307.	0.3	3
1024	El desarrollo de datos de calidad y el cambio térmico observado en España. Investigaciones Geográficas, 2009, , 89.	0.5	2
1025	Natural hazards and their impact on rural settlements in NE Romania – A cartographical approach. Open Geosciences, 2019, 11, 765-782.	1.7	15
1026	Long-term air temperature and precipitation variability in the Warta River catchment area. Journal of Water and Land Development, 2015, 27, 3-13.	0.9	10
1027	THE EFFECT OF THE REPRODUCTIVITY'S VELOCITY ON THE BIODIVERSITY OF A THEORETICAL ECOSYSTEM. Applied Ecology and Environmental Research, 2010, 8, 119-130.	0.5	4
1028	Are there indications of climate change induced increases in variability of major field crops in the northernmost European conditions?. Agricultural and Food Science, 2009, 18, 206.	0.9	21
1029	Climate change and prolongation of growing season: changes in regional potential for field crop production in Finland. Agricultural and Food Science, 2009, 18, 171.	0.9	105
1030	Effect of climatic conditions on post-hibernation body condition and reproductive traits of Bufo bufo females. Archives of Biological Sciences, 2007, 59, 51P-52P.	0.5	11
1031	The analysis of temperature trends in Vojvodina (Serbia) from 1949 to 2006. Thermal Science, 2015, 19, 339-350.	1.1	23
1032	Future changes in extreme temperature indices in Cluj-Napoca, Romania , 2017, , .		5
1033	The Climatic Background of Agricultural Production in Poland (1951 – 2000). , 2004, 11, 127-137.		9
1034	Rainfall and water conditions in the region of the upper glacial in Europe. Meteorology Hydrology and Water Management, 2017, 5, 15-28.	0.4	1
1035	Rainfall erosivity and extreme precipitation in the Netherlands. Idojaras, 2018, 122, 409-432.	0.4	6

#	ARTICLE	IF	Citations
1036	Climatic Trends in the Temperature of \tilde{A} ‡anakkale City, Turkey. Natural and Engineering Sciences, 2017, 2, 14-27.	0.3	16
1037	Bird migration and climate: the general picture and beyond. Climate Research, 2007, 35, 177-180.	1.1	15
1038	Heat waves across Europe by the end of the 21st century: multiregional climate simulations. Climate Research, 2008, 36, 153-168.	1.1	44
1039	Effect of temperature increase on cooling systems in livestock farms. Climate Research, 2010, 44, 107-114.	1.1	9
1040	Precipitation trends in Spanish hydrological divisions, 1946–2005. Climate Research, 2010, 43, 215-228.	1.1	42
1041	Large-scale atmospheric dynamics of the wet winter 2009–2010 and its impact on hydrology in Portugal. Climate Research, 2011, 46, 29-41.	1.1	39
1042	Near-future climate change over Europe with focus on Croatia in an ensemble of regional climate model simulations. Climate Research, 2012, 52, 227-251.	1.1	26
1043	Wintertime circulation types over the Iberian Peninsula: long-term variability and relationships with weather extremes. Climate Research, 2012, 53, 205-227.	1.1	18
1044	Climate extremes in the NE Mediterranean: assessing the E-OBS dataset and regional climate simulations. Climate Research, 2012, 54, 249-270.	1.1	17
1045	Modeling primary production using a $1\ \mathrm{km}$ daily meteorological data set. Climate Research, 2012, 54, 271-285.	1.1	31
1046	Validation of ELPIS 1980-2010 baseline scenarios using the observed European Climate Assessment data set. Climate Research, 2013, 57, 1-9.	1.1	23
1047	Modeling European hot spells using extreme value analysis. Climate Research, 2014, 58, 193-207.	1.1	16
1048	Validation of a stochastic temperature generator focusing on extremes, and an example of use for climate change. Climate Research, 2014, 59, 61-75.	1.1	6
1049	Heat wave characteristics in the eastern Mediterranean and Middle East using extreme value theory. Climate Research, 2015, 63, 99-113.	1.1	26
1050	Bordeaux wine quality and climate fluctuations during the last century: changing temperatures and changing industry. Climate Research, 2015, 64, 187-199.	1.1	9
1051	Multifractal analysis of meteorological time series to assess climate impacts. Climate Research, 2015, 65, 39-52.	1.1	73
1052	Seasonal patterns and consistency of extreme precipitation trends in Europe, December 1950 to February 2008. Climate Research, 2017, 72, 217-237.	1.1	21
1053	Spatially based reconstruction of daily precipitation instrumental data series. Climate Research, 2017, 73, 167-186.	1.1	23

#	Article	IF	CITATIONS
1054	Change in precipitation over the Asian continent from 1901-2016 based on a new multi-source dataset. Climate Research, 2018, 76, 41-57.	1.1	11
1055	Tropical nights on the Spanish Mediterranean coast, 1950-2014. Climate Research, 2019, 78, 225-236.	1.1	22
1056	Temperature extremes in Europe and wintertime large-scale atmospheric circulation: HadCM3 future scenarios. Climate Research, 2006, 31, 3-18.	1.1	33
1057	Defining dry/wet spells for point observations, observed area averages, and regional climate model gridboxes in Europe. Climate Research, 2006, 31, 35-49.	1.1	20
1058	Potential effect of climate change on the distribution of palsa mires in subarctic Fennoscandia. Climate Research, 2006, 32, 1-12.	1.1	68
1059	Modeling of Quantiles for Probability Distribution of Crop Yield Under Climate Change (On the) Tj ETQq $1\ 1\ 0.784$	-314 rgBT	/Qverlock 10
1060	A biography of an invasive terrestrial slug: the spread, distribution and habitat of Deroceras invadens. NeoBiota, 0, 23, 17-64.	1.0	28
1061	A phytosociological survey of aquatic vegetation in the main freshwater lakes of Greece. Vegetation Classification and Survey, 0, 1, 53-75.	0.0	5
1062	Assessing average annual air temperature trends using the Mann–Kendall test in Kosovo. Acta Geographica Slovenica, 2018, 58, .	0.7	25
1063	Analysis on Long Precipitation Series in Piedmont (North-West Italy). American Journal of Climate Change, 2013, 02, 14-24.	0.9	16
1064	Comparison of WRF Model Physics Parameterizations over the MENA-CORDEX Domain. American Journal of Climate Change, 2014, 03, 490-511.	0.9	47
1065	Variabilité et changement climatique en France de 1951 à 2010 : analyse au moyen de la classification de Köppen et des «Âtypes de climats annuels». Climatologie, 2016, 13, 47-70.	0.2	12
1066	The "urban meteorology island― a multi-model ensemble analysis. Atmospheric Chemistry and Physics, 2020, 20, 15061-15077.	4.9	16
1069	Characteristics of the extreme warm and cold days over Greece. Advances in Geosciences, 0, 20, 45-50.	12.0	16
1070	Heavy precipitation episodes and cosmic rays variation. Advances in Geosciences, 0, 7, 157-161.	12.0	4
1071	Downscaling probability of long heatwaves based on seasonal mean daily maximum temperatures. Advances in Statistical Climatology, Meteorology and Oceanography, 2018, 4, 37-52.	0.9	6
1080	Reconciling North Atlantic climate modes: revised monthly indices for the East Atlantic and the Scandinavian patterns beyond the 20th century. Earth System Science Data, 2018, 10, 2329-2344.	9.9	33
1081	seNorge2 daily precipitation, an observational gridded dataset over Norway from 1957 to the present day. Earth System Science Data, 2018, 10, 235-249.	9.9	83

#	Article	IF	CITATIONS
1082	STEAD: a high-resolution daily gridded temperature dataset for Spain. Earth System Science Data, 2019, 11, 1171-1188.	9.9	39
1083	seNorge_2018, daily precipitation, and temperature datasets over Norway. Earth System Science Data, 2019, 11, 1531-1551.	9.9	51
1084	Iberia01: a new gridded dataset of daily precipitation and temperatures over Iberia. Earth System Science Data, 2019, 11, 1947-1956.	9.9	51
1085	The Tall Tower Dataset: a unique initiative to boost wind energy research. Earth System Science Data, 2020, 12, 429-439.	9.9	21
1087	High-resolution daily gridded data sets of air temperature and wind speed for Europe. Earth System Science Data, 2016, 8, 491-516.	9.9	32
1088	SPREAD: a high-resolution daily gridded precipitation dataset for Spain – an extreme events frequency and intensity overview. Earth System Science Data, 2017, 9, 721-738.	9.9	70
1097	Growing season precipitation in Finland under recent and projected climate. Natural Hazards and Earth System Sciences, 2010, 10, 1563-1574.	3.6	48
1098	Intra-annual variability of the Western Mediterranean OscillationÂ(WeMO) and occurrence of extreme torrential precipitation in Catalonia (NEÂlberia). Natural Hazards and Earth System Sciences, 2020, 20, 2483-2501.	3.6	12
1100	Testing the performance of three nonlinear methods of time seriesanalysis for prediction and downscaling of European daily temperatures. Nonlinear Processes in Geophysics, 2005, 12, 979-991.	1.3	22
1101	The role of large-scale dynamics in an exceptional sequence of severe thunderstorms in Europe May–June 2018. Weather and Climate Dynamics, 2020, 1, 325-348.	3.5	24
1102	THE IMPORTANCE OF THE QUALITY AND RELIABILITY OF THE HISTORICAL TIME SERIES FOR THE STUDY OF CLIMATE CHANGE. Revista Brasileira De Climatologia, 2014, 14, .	0.3	9
1103	Natural Gas Demand in the European Household Sector. Energy Journal, 2008, 29, 27-46.	1.7	47
1104	Coldwavesin Poland – frequency, trends and relationships with atmospheric circulation. Geographia Polonica, 2009, 82, 47-59.	1.0	23
1105	Spatio-temporal changes in the heatwaves and coldwaves in Spain (1950-2018): Influence of the East Atlantic pattern. Geographica Pannonica, 2021, 25, 168-183.	1.3	5
1106	Data rescue in selected countries in connection with the EUMETNET DARE activity. Geoscience Data Journal, 0 , , .	4.4	4
1107	Modelling extreme precipitation over the Dinaric Alps: an evaluation of the CNRMâ€ALADIN regional climate model. Quarterly Journal of the Royal Meteorological Society, 0, , .	2.7	2
1108	The 1921 European drought: impacts, reconstruction and drivers. Climate of the Past, 2021, 17, 2201-2221.	3.4	4
1109	Relations entre le niveau du géopotentiel 500 hpa de l'hémisphère nord et les précipitations du bassin méditerranéen (1950-2000). Climatologie, 2007, 4, 91-104.	0.2	О

#	Article	IF	CITATIONS
1110	Detected and Expected Trends of Extreme Climate Indices for the Carpathian Basin., 2009, , 15-28.		3
1112	Le lien entre circulation atmosphérique de grande échelle et canicules pour la prévision à longue échéance et l'impact du changement climatique. Houille Blanche, 2010, 96, 67-71.	0.3	0
1113	Spatial and Temporal Variations of Climate in Europe. Atmospheric and Climate Sciences, 2012, 02, 568-581.	0.3	2
1114	Clima urbano e evolução da temperatura estival em Lisboa no século XX. Tendência, número de noites quentes e amplitude térmica diária. Finisterra, 2012, 42, .	0.3	2
1115	Summer air temperature variability and trends within Oltenia Plain. Journal of the Geographical Institute Jovan Cvijic SASA, 2013, 63, 371-381.	1.0	6
1116	A Digression on the Analysis of Historical Series of Daily Data for the Characterization of Precipitation Dynamics. Advances in Natural and Technological Hazards Research, 2014, , 233-247.	1.1	0
1117	A stochastic model for runs of extreme days for a daily meteorological variable. Australian Meteorological Magazine, 2013, 63, 473-486.	0.4	1
1119	Las inmisiones de ozono en la ciudad de Zaragoza, perÃodo 2002-2008. Geographicalia, 2014, , 241.	0.1	0
1121	Using the stretched exponential distribution to model runs of extremes in a daily meteorological variable. Australian Meteorological Magazine, 2015, 65, 233-246.	0.4	0
1122	The Bioclimatic (Dis)comfort and Summer Thermal Paroxysms in Continental Portugal: Intensity, Frequency and Spatial Contrasts. Climate Change Management, 2016, , 49-71.	0.8	0
1123	THE BLACK SEA AS CONTRIBUTOR TO THE PRECIPITATION AMOUNT ON MOLDOVA REGION. , 0, , .		0
1125	Landslides and Climate Change in the United Kingdom. , 2016, , 437-478.		1
1126	Evidências de um tornado em Campinas em junho de 2016: considerações preliminares. , 0, , 2228-2239.		0
1127	Severe trimming and enhanced competition of laterals as a tool to delay ripening in Tempranillo vineyards under semiarid conditions. Oeno One, 2017, 51, 191.	1.4	3
1128	Trend assessing using Mann-Kendall's test for PriÅ _i tina meteorological station temperature and precipitation data, Kosovo and Metohija, Serbia. The University Thought: Publication in Natural Sciences, 2018, 8, 39-43.	0.3	0
1130	On the Diversity of Long-Term Temperature Responses to Varying Levels of Solar Activity at Ten European Observatories. Atmospheric and Climate Sciences, 2019, 09, 498-526.	0.3	1
1131	Relationship between Environmental Features and Bird Assemblages in the Wetlands of Eastern Romania. Present Environment and Sustainable Development, 2019, 13, 265-290.	0.3	3
1132	Creaci \tilde{A}^3 n de una base de datos de la temperatura media estacional para el an \tilde{A}_i lisis de su tendencia y variabilidad espacial. Avances Investigaci \tilde{A}^3 n En Ingenier \tilde{A} a, 2019, 16, .	0.0	0

#	Article	IF	CITATIONS
1134	Optimizing Reservoir Operation Under Changing Climate: A Case Study of Murum-Bakun Hydro Cascade in Sarawak. Water Resources Development and Management, 2020, , 10-19.	0.4	0
1135	ANALYSIS OF ANNUAL AND SEASONAL AIR TEMPERATURE TRENDS IN CENTRAL PART OF ROMANIA. Present Environment and Sustainable Development, 2020, 14, .	0.3	4
1136	Maximum Daily Stormwater Runoff Flow Rates at the Inlet of the Lviv WWTP Based on the Results of Systematic Hydrologic Observations of the Catchment. Lecture Notes in Civil Engineering, 2021, , 514-521.	0.4	4
1137	The Impact of a Hydroelectric Power Plant on a Regional Climate in Portugal. Atmosphere, 2021, 12, 1400.	2.3	1
1138	Detecting spikes and change points in climate-food system: A case study in France. Environmental Science and Policy, 2022, 127, 146-160.	4.9	3
1139	Do Fans Impact Sports Outcomes? A COVID-19 Natural Experiment. SSRN Electronic Journal, 0, , .	0.4	6
1140	Spatio-Temporal Variability of Seasonal Drought Over the Dobrogea Region., 2020, , 590-617.		0
1141	Landslide Hazard Induced by Climate Changes in North-Eastern Romania. Climate Change Management, 2020, , 245-265.	0.8	3
1144	Seasonal assessments of future precipitation extremes in the Mediterranean area considering nonstationarities in predictor-predictand relationships. Climate Research, 2020, 80, 19-42.	1.1	1
1145	The impact of extreme temperatures on human mortality in the most populated cities of Romania. International Journal of Biometeorology, 2022, 66, 189-199.	3.0	5
1146	Record tests to detect non-stationarity in the tails with an application to climate change. Stochastic Environmental Research and Risk Assessment, 2022, 36, 313-330.	4.0	5
1147	Spatio-Temporal Variability of Seasonal Drought over the Dobrogea Region., 0,, 17-51.		0
1149	Recent changes in temperature extremes across the north-eastern region of Italy and their relationship with large-scale circulation. Climate Research, 2020, 81, 167-185.	1.1	4
1150	Evaluation of high-resolution satellite precipitation data over the Mediterranean Region. , 2022, , 159-175.		2
1151	The Potential Role of Hydrometeorological Data in Agricultural Supply Chain. , 2021, , .		0
1152	Evolution of temperature indices in the periglacial environment of the European Alps in the period 1990–2019. Journal of Mountain Science, 2021, 18, 2842-2853.	2.0	6
1153	Socioeconomic and environmental patterns behind H1N1 spreading in Sweden. Scientific Reports, 2021, 11, 22512.	3.3	2
1154	Characteristics of radioactivity in the surface air along the 45°N zonal belt in South-Eastern Europe. International Journal of Environmental Science and Technology, 2022, 19, 9719-9730.	3.5	1

#	Article	IF	CITATIONS
1155	Temperature, water vapor and tropopause characteristics over the Tibetan Plateau in summer based on the COSMIC, ERA-5 and IGRA datasets. Atmospheric Research, 2022, 266, 105955.	4.1	4
1156	Sieve Bootstrap Inference for Time-Varying Coefficient Models. SSRN Electronic Journal, 0, , .	0.4	0
1157	Rockets and Feathers Revisited: Asymmetric Retail Gasoline Pricing in the Era of Market Transparency. Energy Journal, 2022, 43, 103-122.	1.7	3
1158	The Cool Water Effect: Geo-Climatic Origins of the West's Emancipatory Drive. SSRN Electronic Journal, 0, , .	0.4	2
1159	Convolutional conditional neural processes for local climate downscaling. Geoscientific Model Development, 2022, 15, 251-268.	3.6	10
1160	Intramolecular carbon isotope signals reflect metabolite allocation in plants. Journal of Experimental Botany, 2022, 73, 2558-2575.	4.8	5
1161	Upgrade of a climate service tailored to water reservoirs management. Climate Services, 2022, 25, 100281.	2.5	1
1162	Testing mean air temperature trends in southern Greece: A Bayesian approach. International Journal of Climatology, 2022, 42, 4989-5015.	3.5	2
1163	Physico-mechanical and mineralogical investigations of red bed slopes (Cluj-Napoca, Romania). Bulletin of Engineering Geology and the Environment, 2022, 81, 1.	3.5	2
1164	Environmental drivers of the seasonal exposure to airborne Alternaria spores in Spain. Science of the Total Environment, 2022, 823, 153596.	8.0	9
1165	Tree-Ring Records of Snow-Avalanche Activity in the Rodna Mountains. SSRN Electronic Journal, 0, , .	0.4	0
1166	On the effect of reference periods on trends in percentile-based extreme temperature indices. Environmental Research Letters, 2022, 17, 034026.	5.2	5
1167	Shifting of summertime weather extremes in Western Europe during 2012–2020. Advances in Climate Change Research, 2022, 13, 218-227.	5.1	12
1168	Modeling of Residual GNSS Station Motions through Meteorological Data in a Machine Learning Approach. Remote Sensing, 2022, 14, 17.	4.0	3
1169	Continental-scale monthly thermal anomalies in Europe during the years 1951-2018 and their occurrence in relation to atmospheric circulation. Geographia Polonica, 2022, 95, 97-116.	1.0	2
1170	Climate Warming-Induced Changes in Plant Phenology in the Most Important Agricultural Region of Romania. Sustainability, 2022, 14, 2776.	3.2	4
1171	Reliability of the ERA5 in Replicating Mean and Extreme Temperatures across Europe. Water (Switzerland), 2022, 14, 543.	2.7	27
1172	Performance Prediction of Durum Wheat Genotypes in Response to Drought and Heat in Climate Change Conditions. Genes, 2022, 13, 488.	2.4	2

#	Article	IF	CITATIONS
1173	Warming temperatures drive at least half of the magnitude of long-term trait changes in European birds. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2105416119.	7.1	15
1174	The role of species interactions for forest resilience to drought. Plant Biology, 2022, 24, 1098-1107.	3.8	36
1175	Statistical inference of one-dimensional persistent nonlinear time series and application to predictions. Physical Review Research, 2022, 4, .	3.6	4
1176	Evaluation of ERA5 and WFDE5 forcing data for hydrological modelling and the impact of bias correction with regional climatologies: A case study in the Danube River Basin. Journal of Hydrology: Regional Studies, 2022, 40, 101023.	2.4	4
1177	Testing tests before testing data: an untold tale of compound events and binary dependence. Stochastic Environmental Research and Risk Assessment, 0 , 1 .	4.0	1
1178	Added value of EURO-CORDEX high-resolution downscaling over the Iberian Peninsula revisited – Part 1: Precipitation. Geoscientific Model Development, 2022, 15, 2635-2652.	3.6	14
1179	Using clustering, statistical modeling, and climate change projections to analyze recent and future regionâ€specific compound ozone and temperature burden over Europe. GeoHealth, 2022, 6, e2021GH000561.	4.0	4
1180	Added value of EURO-CORDEX high-resolution downscaling over the Iberian Peninsula revisited – Part 2: Max and min temperature. Geoscientific Model Development, 2022, 15, 2653-2671.	3.6	13
1181	Mosquito Distribution in Northwestern Russia: Species of the Genus Aedes Meigen (Diptera, Culicidae). Entomological Review, 2021, 101, 1060-1095.	0.3	2
1183	Extreme Precipitation on Consecutive Days Occurs More Often in a Warming Climate. Bulletin of the American Meteorological Society, 2022, 103, E1130-E1145.	3.3	26
1184	Statistical analysis of precipitation time series in Dobrudja region. Mausam, 2012, 63, 553-564.	0.1	10
1189	Forest wildflowers bloom earlier as Europe warms: lessons from herbaria and spatial modelling. New Phytologist, 2022, 235, 52-65.	7.3	8
1190	Influence of warming and atmospheric circulation changes on multidecadal European flood variability. Climate of the Past, 2022, 18, 919-933.	3.4	6
1191	Excess Heat Factor climatology, trends, and exposure across European Functional Urban Areas. Weather and Climate Extremes, 2022, 36, 100455.	4.1	9
1192	Extreme heat events in the Iberia Peninsula from extreme value mixture modeling of ERA5-Land air temperature. Weather and Climate Extremes, 2022, 36, 100448.	4.1	3
1193	Climate projections at a convection-permitting scale of extreme temperature indices for an archipelago with a complex microclimate structure. Weather and Climate Extremes, 2022, 36, 100459.	4.1	3
1194	Surface wind over Europe: Data and variability. International Journal of Climatology, 2023, 43, 134-156.	3.5	2
1195	Privacy-Preserving Deduplication of Sensor Compressed Data in Distributed Fog Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 4176-4191.	5.6	7

#	Article	IF	CITATIONS
1196	A model for space-time threshold exceedances with an application to extreme rainfall. Statistical Modelling, 2024, 24, 169-193.	1.1	0
1197	Do Fans Impact Sports Outcomes? A COVID-19 Natural Experiment. Journal of Sports Economics, 2023, 24, 3-27.	1.9	9
1198	Daily fluctuations in leaf temperature modulate the development of a foliar pathogen. Agricultural and Forest Meteorology, 2022, 322, 109031.	4.8	1
1201	Improved interexceedance-times-based estimator of the extremal index using truncated distribution. Extremes, 2022, 25, 695-720.	1.0	4
1202	The implicit cost of carbon abatement during the COVID-19 pandemic. European Economic Review, 2022, 147, 104165.	2.3	3
1203	The role of climate datasets in understanding climate extremes. , 2022, , 19-48.		0
1204	Assessment of stochastic weather forecast of precipitation near European cities, based on analogs of circulation. Geoscientific Model Development, 2022, 15, 4941-4958.	3.6	3
1205	Impact of Immobility and Mobility Activities on the Spread of Covidâ€19: Evidence from European Countries. Regional Science Policy and Practice, 0, , .	1.6	3
1206	Distribution-free changepoint detection tests based on the breaking of records. Environmental and Ecological Statistics, 2022, 29, 655-676.	3.5	2
1207	On the Use of Gridded Data Products for Trend Assessment and Aridity Classification in a Mediterranean Context: The Case of the Apulia Region. Water (Switzerland), 2022, 14, 2203.	2.7	8
1208	Large-Scale Climatic Patterns Have Stronger Carry-Over Effects than Local Temperatures on Spring Phenology of Long-Distance Passerine Migrants between Europe and Africa. Animals, 2022, 12, 1732.	2.3	4
1209	EMO-5: a high-resolution multi-variable gridded meteorological dataset for Europe. Earth System Science Data, 2022, 14, 3249-3272.	9.9	3
1210	Central European 2018 hot drought shifts scots pine forest to its tipping point. Plant Biology, 2022, 24, 1186-1197.	3.8	21
1211	Spatio-Temporal Variation of Extreme Heat Events in Southeastern Europe. Atmosphere, 2022, 13, 1186.	2.3	6
1212	A simple approach for the study of the relationship between temperature and precipitation. Theoretical and Applied Climatology, 2022, 150, 215-228.	2.8	2
1213	Compression complexity with ordinal patterns for robust causal inference in irregularly sampled time series. Scientific Reports, 2022, 12, .	3.3	2
1214	An Analysis of the Stability and Trends in the LST_cci Land Surface Temperature Datasets Over Europe. Earth and Space Science, 2022, 9, .	2.6	6
1215	Complementing ERA5 and E-OBS with high-resolution river discharge over Europe. Oceanologia, 2023, 65, 230-248.	2.2	4

#	Article	IF	CITATIONS
1216	A Method for Clearâ€ S ky Identification and Longâ€ T erm Trends Assessment Using Daily Surface Solar Radiation Records. Earth and Space Science, 2022, 9, .	2.6	3
1217	Annual summaries dataset of Heatwaves in Europe, as defined by the Excess Heat Factor. Data in Brief, 2022, 44, 108511.	1.0	2
1218	Case Studies Around the World. Springer Water, 2022, , 361-414.	0.3	0
1219	Evidence and Implications of Hydrological and Climatic Change in the Reno and Lamone River Basins and Related Coastal Areas (Emilia-Romagna, Northern Italy) over the Last Century. Water (Switzerland), 2022, 14, 2650.	2.7	5
1220	Spatiotemporal Changes in Frost Indicators in Southeastern Spain (1950–2020): Influence of the East Atlantic Index (EA). Journal of Applied Meteorology and Climatology, 2022, 61, 1305-1327.	1.5	0
1221	Selection of Optimal Palmer Predictors for Increasing the Predictability of the Danube Discharge: New Findings Based on Information Theory and Partial Wavelet Coherence Analysis. Entropy, 2022, 24, 1375.	2.2	4
1222	Impact of climate change on parasite infection of an important pollinator depends on host genotypes. Global Change Biology, 2023, 29, 69-80.	9.5	8
1223	The Land Surface Temperature Dynamics of the Novosibirsk Region from Remote Sensing Data in XXI Century. Interexpo GEO-Siberia, 2022, 4, 31-39.	0.0	2
1224	Tree-ring records of snow-avalanche activity in the Rodna Mountains (Eastern Carpathians, Romania). Natural Hazards, 2022, 114, 2041-2057.	3.4	1
1225	Using Long-Term Historical Meteorological Data for Climate Change Analysis in the Carpathian Region. Atmosphere, 2022, 13, 1751.	2.3	4
1226	Variations in monthly maximum gust speed at St Mary's, Isles of Scilly (UK). Earth and Space Science, 0, ,	2.6	0
1227	Mediterranean climate., 2023,, 41-91.		4
1228	Subseasonal predictability of onset, duration, and intensity of European heat extremes. Quarterly Journal of the Royal Meteorological Society, 2023, 149, 84-101.	2.7	2
1229	Analysis of precipitation extremes related to agriculture and water resources sectors based on gridded daily data in Romania. Theoretical and Applied Climatology, 0, , .	2.8	0
1230	Observational evidence of intensified nocturnal urban heat island during heatwaves in European cities. Environmental Research Letters, 2022, 17, 124013.	5.2	5
1231	Spatio-temporal evolution of heat waves severity and expansion across the Iberian Peninsula and Balearic islands. Environmental Research, 2023, 217, 114864.	7.5	9
1232	Constraints for precise and accurate fluid inclusion stable isotope analysis using water-vapour saturated CRDS techniques. Chemical Geology, 2023, 617, 121268.	3.3	2
1233	Spatioâ€temporal changes in the mean and extreme temperature indices for Serbia. International Journal of Climatology, 2023, 43, 2391-2410.	3.5	4

#	ARTICLE	IF	CITATIONS
1234	The added value of km-scale simulations to describe temperature over complex orography: the CORDEX FPS-Convection multi-model ensemble runs over the Alps. Climate Dynamics, 0, , .	3.8	6
1235	The Risk of Emerging of Dengue Fever in Romania, in the Context of Global Warming. Tropical Medicine and Infectious Disease, 2023, 8, 65.	2.3	2
1236	Do transient hydrological processes explain the variability of strontium-90 activity in groundwater downstream of a radioactive trench near Chernobyl?. Journal of Environmental Radioactivity, 2023, 259-260, 107101.	1.7	1
1237	Scaleâ€separation diagnostics and the Symmetric Bounded Efficiency for the interâ€comparison of precipitation reanalyses. International Journal of Climatology, 2023, 43, 2287-2304.	3.5	1
1238	Spring phenology is advancing at a faster rate than arrival times of Common Starling. Journal of Ornithology, $0, .$	1.1	1
1239	Evolution of high-temperature extremes over the main Euro-Mediterranean airports. Climate Dynamics, 2023, 61, 1717-1740.	3.8	2
1240	The global historical climate database HCLIM. Scientific Data, 2023, 10, .	5.3	9
1241	The Role of Precipitation Variability in Water Content at Four Reservoirs in Central Western Bulgaria for the Period 2016–2019. Lecture Notes in Networks and Systems, 2023, , 308-317.	0.7	0
1242	Global hydrological parameter estimates to local applications: Influence of forcing and catchment properties. Hydrology Research, 2023, 54, 475-490.	2.7	1
1243	The uneven impact of climate change on drought with elevation in the Canary Islands. Npj Climate and Atmospheric Science, 2023, 6, .	6.8	1
1244	Characterising the coincidence of soil moisture – precipitation extremes as a possible precursor to European floods. Journal of Hydrology, 2023, 620, 129445.	5.4	2
1245	Bayesian Variable Selection in Generalized Extreme Value Regression: Modeling Annual Maximum Temperature. Mathematics, 2023, 11, 759.	2.2	3
1246	Evaluation of Spatial Landscape Changes for the Period from 1998 to 2021 Caused by Extreme Flood Events in the Hornád Basin in Eastern Slovakia. Land, 2023, 12, 405.	2.9	1
1247	Application of Solar Activity Time Series in Machine Learning Predictive Modeling of Precipitation-Induced Floods. Mathematics, 2023, 11, 795.	2.2	1
1248	Evaluation of Empirical Daily Solar Radiation Models for the Northeast Coast of the Iberian Peninsula. Energies, 2023, 16, 2560.	3.1	2
1249	Melting Alpine Water Towers Aggravate Downstream Low Flows: A Stressâ€Test Storyline Approach. Earth's Future, 2023, 11, .	6.3	1
1250	A 258-year-long data set of temperature and precipitation fields for Switzerland since 1763. Climate of the Past, 2023, 19, 703-729.	3.4	2
1251	EURADCLIM: the European climatological high-resolution gauge-adjusted radar precipitation dataset. Earth System Science Data, 2023, 15, 1441-1464.	9.9	4

#	Article	IF	CITATIONS
1252	Estimating the potential evapotranspiration of Bulgaria using a high-resolution regional climate model. Theoretical and Applied Climatology, 2023, 152, 1175-1188.	2.8	2
1253	Investigating the representation of heatwaves from an ensemble of km-scale regional climate simulations within CORDEX-FPS convection. Climate Dynamics, 0, , .	3.8	2
1255	Assessing the Economic Damage of Potential Flooding Zones by Combining Cadaster and Land Use Data in the Larnaca Region, Cyprus. , 0, , .		0
1256	Spatial extreme model for rainfall depth: application to the estimation of IDF curves in the Basque country. Stochastic Environmental Research and Risk Assessment, 2023, 37, 3117-3148.	4.0	0
1257	Climate change scenarios in use: Heat stress in Switzerland. Climate Services, 2023, 30, 100372.	2.5	1
1258	On the Use of Reanalysis Data to Reconstruct Missing Observed Daily Temperatures in Europe over a Lengthy Period of Time. Sustainability, 2023, 15, 7081.	3.2	0
1259	Assessing Three Perfect Prognosis Methods for Statistical Downscaling of Climate Change Precipitation Scenarios. Geophysical Research Letters, 2023, 50, .	4.0	4
1260	Changing Water Cycle under a Warming Climate: Tendencies in the Carpathian Basin. Climate, 2023, 11, 118.	2.8	3
1261	Compound flood events: analysing the joint occurrence of extreme river discharge events and storm surges in northern and central Europe. Natural Hazards and Earth System Sciences, 2023, 23, 1967-1985.	3.6	3
1262	Quantifying uncertainties related to observational datasets used as reference for regional climate model evaluation over complex topography — a case study for the wettest year 2010 in the Carpathian region. Theoretical and Applied Climatology, 2023, 153, 807-828.	2.8	0
1263	A gauge-based sub-daily extreme rainfall climatology for western Europe. Weather and Climate Extremes, 2023, 41, 100585.	4.1	1
1264	Evaluating historical climate extremes in the FGOALS-g3 large ensemble in the presence of internal climate variability. Climate Dynamics, 2023, 61, 5091-5110.	3.8	1
1265	The heat is on: impacts of rising temperature on the activity of a common European mammal. Frontiers in Ecology and Evolution, $0,11,1$	2.2	1
1266	The utility of using Volunteered Geographic Information (VGI) for evaluating pluvial flood models. Science of the Total Environment, 2023, 894, 164962.	8.0	1
1267	NH-SWE: Northern Hemisphere Snow Water Equivalent dataset based on in situ snow depth time series. Earth System Science Data, 2023, 15, 2577-2599.	9.9	3
1268	Spatiotemporal variability of the relationship between seasonal temperatures and precipitation in Spain, 1951–2019. Theoretical and Applied Climatology, 2023, 153, 1371-1391.	2.8	0
1269	<scp>CADTEP</scp> : A new daily qualityâ€controlled and homogenized climate database for Catalonia (1950–2021). International Journal of Climatology, 0, , .	3 . 5	2
1270	Spatiotemporal Features of the Surface Urban Heat Island of BacÄfu City (Romania) during the Warm Season and Local Trends of LST Imposed by Land Use Changes during the Last 20 Years. Remote Sensing, 2023, 15, 3385.	4.0	1

#	ARTICLE	IF	CITATIONS
1271	Köppen climates and Scheffer index as indicators of timber risk in Europe (1901–2020). Heritage Science, 2023, 11, .	2.3	2
1272	General Atmospheric Conditions and Macroscale Processes. , 2023, , 101-112.		4
1273	Modeling of non-structural carbohydrate dynamics by the spatially explicit individual-based dynamic global vegetation model SEIB-DGVM (SEIB-DGVM-NSC version 1.0). Geoscientific Model Development, 2023, 16, 4155-4170.	3.6	0
1274	Statistical analysis of extreme and record-breaking daily maximum temperatures in peninsular Spain during 1960–2021. Atmospheric Research, 2023, 293, 106934.	4.1	1
1275	A new <scp>Eâ€OBS</scp> gridded dataset for daily mean wind speed over Europe. International Journal of Climatology, 0, , .	3.5	1
1277	1991–2020 climate normal in the European Alps: focus on high-elevation environments. Journal of Mountain Science, 2023, 20, 2149-2163.	2.0	5
1278	Recent improvements in the E-OBS gridded data set for daily mean wind speed over Europe in the period 1980–2021. Advances in Science and Research, 0, 20, 91-95.	1.0	0
1279	Diurnal Temperature Range and Its Response to Heat Waves in 16 European Cities—Current and Future Trends. Sustainability, 2023, 15, 12715.	3.2	1
1280	Multi-decadal analysis of past winter temperature, precipitation and snow cover data in the European Alps from reanalyses, climate models and observational datasets. Cryosphere, 2023, 17, 3617-3660.	3.9	2
1281	Top European Droughts since 1991., 0, , .		0
1282	Extreme weather events and small municipalities' resilience in Wielkopolska Province (Poland). International Journal of Disaster Risk Reduction, 2023, 95, 103928.	3.9	2
1283	WRF-Chem modeling study of heat wave driven ozone over southeast region, India. Environmental Pollution, 2024, 340, 122744.	7.5	0
1284	High Summer Temperatures and Heat Stroke Mortality in Spain. Epidemiology, 2023, 34, 892-896.	2.7	0
1286	Historical Climatology. , 2023, , .		0
1287	Thermal continentality in Romania (period 1961–2018). Arabian Journal of Geosciences, 2023, 16, .	1.3	0
1288	Relation between bioclimatic and economic indicators with tourist arrivals in an Ionian Island in Greece., 2023,,.		0
1289	Impact of Climate Change on Crop Yields: Insights from the Abruzzo Region, Central Italy. Sustainability, 2023, 15, 14235.	3.2	2
1290	Analysis of precipitation-related climatic conditions in European plain regions. Weather and Climate Extremes, 2023, 42, 100610.	4.1	0

#	Article	IF	CITATIONS
1291	Effects of climate change on Platanus flowering in Western Mediterranean cities: Current trends and future projections. Science of the Total Environment, 2024, 906, 167800.	8.0	1
1292	The New Max Planck Institute Grand Ensemble With CMIP6 Forcing and Highâ€Frequency Model Output. Journal of Advances in Modeling Earth Systems, 2023, 15, .	3.8	1
1293	Temporal and Spatial Variations of Extreme Climate Events in Northwestern China from 1960 to 2020. Sustainability, 2023, 15, 14882.	3.2	0
1294	An alien parasite in a changing world – Ashworthius sidemi has lost its traditional seasonal dynamics. Frontiers in Veterinary Science, 0, 10, .	2.2	0
1295	Inferring nonlinear fractional diffusion processes from single trajectories. New Journal of Physics, 2023, 25, 113036.	2.9	1
1296	Using feature engineering and machine learning in FAO reference evapotranspiration estimation. Journal of Hydrology and Hydromechanics, 2023, 71, 425-438.	2.0	0
1297	Two-stage assessment: Towards a novel and holistic evaluation of urban geographically isolated wetland sustainability under global warming-induced dryness and loss. Journal of Cleaner Production, 2024, 434, 140035.	9.3	0
1298	The effectiveness of regulations preventing alcohol-related road traffic crashes and fatalities in the European Union countries. Journal of Safety Research, 2023, , .	3.6	0
1299	Pattern scaling the parameters of a Markovâ€chain gammaâ€distribution daily precipitation generator. International Journal of Climatology, 0, , .	3.5	0
1300	Recent summer warming over the western Mediterranean region is unprecedented since medieval times. Global and Planetary Change, 2024, 232, 104336.	3.5	1
1301	The observed trend in unusual daily mean temperatures over Germany from 1949 to 2018 and their relationships to major climatic drivers. , 2023, 1 , .		0
1303	The influence of high-temperature frequency variation on the life-history traits of pyridaben-sensitive and -resistant strains of Tetranychus truncatus. Experimental and Applied Acarology, 2024, 92, 109-122.	1.6	1
1304	Association of air pollution and weather conditions during infection course with COVID-19 case fatality rate in the United Kingdom. Scientific Reports, 2024, 14, .	3.3	0
1305	Evaluation of the highest temperature <scp>WMO</scp> region <scp>VI</scp> Europe (continental): 48.8°C, Siracusa Sicilia, Italy on August 11, 2021. International Journal of Climatology, 2024, 44, 721-728.	3.5	0
1306	Intensification in the Wettest Days to 50 Percent of Annual Precipitation (WD50) Across Europe. Geophysical Research Letters, 2024, 51, .	4.0	0
1307	Comparison of Air Pollution–Mortality Associations Using Observed Particulate Matter Concentrations and Reanalysis Data in 33 Spanish Cities. , 2024, 2, 161-169.		0
1308	High-resolution projections of ambient heat for major European cities using different heat metrics. Natural Hazards and Earth System Sciences, 2024, 24, 331-354.	3.6	0
1309	Automatic selection of parameters in LLE. Revista Facultad De IngenierÃa, 2010, , 170-181.	0.5	0

#	Article	IF	Citations
1310	Merging with crowdsourced rain gauge data improves pan-European radar precipitation estimates. Hydrology and Earth System Sciences, 2024, 28, 649-668.	4.9	0
1311	Modeling the Failures and Decommissioning of Water Mains and Water Service Lines with Time-Dependent Factors. Journal of Water Resources Planning and Management - ASCE, 2024, 150, .	2.6	0
1312	Relationship between wintering site and survival in a migratory waterbird using different migration routes. Oecologia, 2024, 204, 613-624.	2.0	0
1313	A pseudo-likelihood estimator of the Ornstein–Uhlenbeck parameters from suprema observations. Statistical Inference for Stochastic Processes, 2024, 27, 407-425.	0.6	0
1315	Soil factors and genetic variation regulate intraspecific growth in Norway spruce (Picea abies). Forest Ecology and Management, 2024, 558, 121799.	3.2	0
1316	An Agent-Based Model for Greening the City of Ravenna and Reducing Flooding at a Cultural Heritage Site. Smart Innovation, Systems and Technologies, 2024, , 697-707.	0.6	0
1317	Effect of rainfall parameters on soil erosion in Chwalimski Brook catchment, NW Poland. Geomorphology, 2024, 454, 109167.	2.6	0
1318	Impacts of climate change on airborne Quercus pollen trends in Andalusia region (southern Spain). Regional Environmental Change, 2024, 24, .	2.9	0