

Proxy Ice Cores/Glaciers	Author(s)	Title	Journal	Volume	Year	Page numbers	DOI
Nesje, A. Hall, B.L. Grootenhuis, M., Suter, P.J., Trachsel, M., Wanner, H.		Latest Pleistocene and Holocene alpine glacier fluctuations in Scandinavia Late-Holocene advance of the Colline Ice Cap, King George Island, South Shetland Islands	QUATERNARY SCIENCE REVIEWS HOLOCENE JOURNAL OF QUATERNARY SCIENCE HOLOCENE JOURNAL OF QUATERNARY SCIENCE HOLOCENE GEOGRAFIA FISICA E DINAMICA QUATERNARIA QUATERNARY SCIENCE REVIEWS HOLOCENE QUATERNARY SCIENCE REVIEWS	38	2009	2119-2126 17	10.1016/j.quascirev.2008.12.016 10.1177/095983610805132
Hochbauer, H., Meier, M., Zumbühl, H.J.		Ice-borne pollen records in the Swiss Alps reflect Holocene glacier fluctuations		22	2007	203-207	DOI: 10.1002/qj.1111
Nussbaumer, S.U., Steinheil, F., et al.		Glaciation and lake-level variation in the Swiss Alps during the last 1000 years		15	2008	1001-1007	DOI: 10.1191/095983610805130
Hornes, A., Müller, B.U., Schüchter, C.		Alpine climate during the Holocene: a comparison between records of glaciers, lake sediments and solar activity		15	2008	1009-1011	DOI: 10.1002/qj.1101
Orembelli, G.		The Alps with little ice: evidence for eight Holocene phases of reduced glacier extent in the Central Swiss Alps		11	2001	703-713	DOI: 10.1002/qj.1495
Ivy-Ochs, S., Kerschner, H.		Holocene mountain glacier fluctuations: a global overview		34	2011	17-24	DOI: 10.1191/095983610167527528
Jorin, E., Stocker, T.F., Schlüchter, C.		Latest Pleistocene and Holocene glacier variations in the European Alps		28	2009	2137-2149	DOI: 10.1016/j.quascirev.2009.03.009
Matthews, J.A., Bernford, M.S. et al.		Multicentury glacier fluctuations in the Swiss Alps during the Holocene		16	2008	697-704	DOI: 10.1191/0959836008hl6946p
		Holocene glacier history of Bjørnøya and climatic reconstruction in central Jotunheimen, Norway, based on proximal glaciofluvial stream-bank mires		24	2005	67-90	DOI: 10.1016/j.quascirev.2004.07.003
Tre Rings	Högl, D.H.						
Buntgen, U., Tegel, W., et al.		Tree-ring climate variability in 3rd and 4th centuries AD: a methodological approach to dendroclimatology and human migration	PHYSICAL GEOGRAPHY SCIENCE PHILosophical Transactions of the Royal...	32	2011	241-268	DOI: 10.247/072-3646-32-3-241
Briffa, K.R., Shcherbina, V.V., et al.		2200 Years of European Climate Variability and Human Occupancy		331	2011	579-592	DOI: 10.1126/science.1197175
Ropek, A., Stibbe, A., et al.		Trends in recent temperature and radial tree growth spanning 2000 years across northwest Eurasia		363	2008	2271-2284	DOI: 10.1089/rfbs.2007.2199
Tegel, W., Vanmeirhaeghe, J., Buntgen, U.		Holocene land-use history and environmental changes at the high altitudes of St.Antoniens (Switzerland, Northern Alps): Combined evidence from pollen, soil and tree-...		21	2011	485-498	DOI: 10.1177/095983610385727
Seppä, H., Bjune, A.E., et al.		Updating historical tree-ring records for climate reconstruction		29	2010	1957-1959	DOI: 10.1016/j.quascirev.2010.05.018
		Last nine-thousand years of temperature variability in Northern Europe	CLIMATE OF THE PAST	5	2009	523-535	
Speleothems							
Luettscher, M., Hoffmann, D.L., Frisia, S., Spötl, C.		Holocene glacier history from alpine speleothems, Milchbach cave, Switzerland	EARTH AND PLANETARY SCIENCE LETTERS QUATERNARY RESEARCH	302	2011	95-106	DOI: 10.1016/j.epsl.2011.10.042
Orlandi, I.J., Bar-Matthews, et al.		Climate deterioration in the Eastern Mediterranean as revealed by ion microprobe analysis of a speleothem that grew from 2.2 to 0.9 ka in Soreq Cave, Israel		71	2009	27-35	DOI: 10.1016/j.yqres.2008.06.005
Frisia, S., Borsig, C., Spötl, C., Villa, I.M., Cucchi, F.		Climate variability in the SE Alps of Italy over the past 17 000 years reconstructed from stalagmite record		205	2005	445-455	DOI: 10.1080/030904805002231336
Frisia, S., Borsig, C., Villa, I.M., McDermott, F.		late Holocene climate growth curves and evidence of solar activity and the North Atlantic Oscillation on winter climate		216	2007	411-424	DOI: 10.1080/03090480500223051-6
Mangini, A., Spötl, C., Verderi, G.		Reconstruction of temperature in the Central Alps during the past 2000 yr from a delta <sup>18</sup> O stalagmite record		235	2008	741-751	DOI: 10.1016/j.epsl.2008.05.010
Veneyden, S., Nader, F.H., et al.		Paleoclimate reconstruction in the Levant region from the geochemistry of a Holocene stalagmite from the Jelta cave, Lebanon		200	2008	369-381	DOI: 10.1016/j.yqres.2008.05.004
Fire/Charcoal							
Anderson, R.S., Jimenez-Moreno, G., Carrion, J.S., Perez-Martinez, C.		Postglacial history of alpine vegetation, fire, and climate from Laguna de Rio Seco, Sierra Nevada, southern Spain	QUATERNARY SCIENCE REVIEWS	30	2011	1615-1629	DOI: 10.1016/j.quascirev.2011.03.005
Roberts, N., Brayshaw, D., Kuzucoglu, C., Perez, R., Sadori, L.		The mid-Holocene climatic transition in the Mediterranean: Causes and consequences	HOLOCENE	21	2011	3-13	DOI: 10.1177/0959836310338058
Kaal, J., Marco, Y.C., et al.		Long-term deforestation in NW Spain: linking the Holocene fire history to vegetation change and human activities	QUATERNARY SCIENCE REVIEWS	30	2011	161-175	DOI: 10.1016/j.quascirev.2010.10.006
Olsson, P., Galliard, M.J. et al.		A continuous record of fire covering the last 10,500 calendar years from southern - Sweden The role of climate and human activities	PALEOEOGRAPHY PALEOCLIMATOLOGY	29	2010	128-141	DOI: 10.1016/j.palaeo.2009.07.013
Thevenon, F., Anselmetti, F.S.		Charcoal and fly-ash particles from Lake Lucerne sediments (Central Switzerland) characterized by image analysis: anthropocentric, stratigraphic and environmental implications	EARTH AND PLANETARY SCIENCE LETTERS	207	2007	2631-2643	DOI: 10.1016/j.epsl.2007.05.007
Aguilera, M., Espinar, C., Ferri, J.P., Perez, G., Vilas, J.		A 10 cm of autumn precipitation for the third millennium BP in the Eastern Iberian Peninsula from charcoal carbon isotopes	JOURNAL OF GEOCHEMICAL EXPLORATION	102	2009	157-165	DOI: 10.1016/j.gexplo.2008.11.019
Power, M.J., Marlon, J.R., Bartlein, P.J., Harrison, S.P.		Fire history and the Global Charcoal Database: A new tool for hypothesis testing and data exploration	PALEOEOGRAPHY PALEOCLIMATOLOGY	291	2010	52-59	DOI: 10.1016/j.palaeo.2009.09.014
Lake Sediments							
Tinner, W., van Leeuwen, et al		Holocene environmental and climatic changes at Gorgo Bassa, a coastal lake in southern Sicily, Italy	QUATERNARY SCIENCE REVIEWS	28	2009	1498-1510	DOI: 10.1016/j.quascirev.2009.02.001
Stewart, M.M., Larocque-Tobler, I., Grosjean, M.		Quantitative inter-annual and decadal July-August temperature variability ca. 570 BC to AD 120 (Iron Age-Roman Period) reconstructed from the varved sediments of...	JOURNAL OF QUATERNARY SCIENCE	26	2011	481-501	DOI: 10.1002/qs.1489
Magny, M.		Holocene climate variability as reflected by mid-European lake-level fluctuations and its probable impact on prehistoric human settlements	QUATERNARY INTERNATIONAL	113	2004	65-79	DOI: 10.1016/S1040-6182(03)00080-6
Woodbridge, J., Roberts, N.		late Holocene climate of the Eastern Mediterranean inferred from diatom analysis of annually-laminated lake sediments	QUATERNARY SCIENCE REVIEWS	30	2011	23-24	DOI: 10.1016/j.yqres.2011.06.013
Corrella, J.M., Moreno, et al.		Climate and human impact on a meromictic lake during the last 6000 years (Monteorto Lake, Central Pyrenees, Spain)	JOURNAL OF PALEOLIMNOLOGY	46	2011	351-367	DOI: 10.1007/s10933-010-9443-3
Kuzucoglu, C., Dorfler, W., Kunesch, S., Gouffre, F.		Mid- to late-Holocene climate change in central Turkey: The Tercer Lake record	HOLOCENE	21	2011	173-183	DOI: 10.1177/0959836310338058
Marín-Pedraza, M., Martínez-Pérez, B.L., Brauer, A., et al.		Holocene lake-level fluctuations in the eastern Pyrenees (Zaragoza, Aragon, Spain)	QUATERNARY RESEARCH	10	2007	120-120	DOI: 10.1016/j.yqres.2007.09.004
Martin-Puertas, C., Valero-Garcés, B.L., Martí, M.F., González-Samperiz, et al.		Arid and humid phases in southern Spain during the last 4000 years: the Zorita Lake record, Cordoba	HOLOCENE	18	2008	907-921	DOI: 10.1177/0959836308030353
Schmidt, R., Kammerl, C., Roth, M.		Silicic algae-based seasonal temperature inference and indicator pollen tracking ca. 4,000 years of climate/land use dependency in the southern Austrian Alps	JOURNAL OF PALEOLIMNOLOGY	38	2007	541-554	DOI: 10.1007/s10933-007-9089-y
Neumann, F.H., Kagan, E.J., Schwab, M., Stein, M.		Palynology, sedimentology and palaeoecology of the late Holocene Dead Sea	CLIMATE DYNAMICS	26	2007	1475-1498	DOI: 10.1016/j.yqres.2007.03.004
Pla, S., Catalán, J.		Chrysophyte cysts from lake sediments reveal the submillennial winter spring climate variability in the northwestern Mediterranean region throughout the Holocene	JOURNAL OF PALEOLIMNOLOGY	24	2005	263-274	DOI: 10.1007/s10932-004-0482-1
Díez, J., Martínez, A., Huber, T., Adler, S., Schär, B.W.		Chrysophyte cysts from lake sediments reveal the submillennial winter spring climate variability in the northwestern Mediterranean region throughout the Holocene	JOURNAL OF PALEOLIMNOLOGY	24	2005	229-240	DOI: 10.1007/s10932-004-0483-0
Jones, M.D., Roberts, C.N., Long, M.J., Turton, M.		A high-resolution late Holocene lake isotope record from Turkey and links to Northern Europe and monsoon climate	JOURNAL OF PALEOLIMNOLOGY	34	2006	361-364	DOI: 10.1007/s10932-006-9034-4
Moreno, A., Valero-Garcés, B.L., González-Samperiz, P., Rico, M.		Flood response to rainfall variability during the last 2000 years inferred from the Taravilla Lake record (Central Iberian Range, Spain)	JOURNAL OF PALEOLIMNOLOGY	40	2008	943-961	DOI: 10.1007/s10932-008-9209-3
Robertson, N., Jones, M.D., et al.		Stable isotope records of Late Quaternary climate and hydrology from Mediterranean lakes: the ISOMED synthesis	QUATERNARY SCIENCE REVIEWS	27	2008	2426-2441	DOI: 10.1016/j.yqres.2008.09.005
Wick, L., Lemcke, G., Sturm, M.		Evidence of Lateglacial and Holocene climatic change and human impact in eastern Anatolia: high-resolution pollen, charcoal, isotopic and geochemical records from the ...	HOLOCENE	13	2003	665-675	DOI: 10.1191/0959836303hl653p
Gersdorff, A., Miller, G.H., Thordarson, T., Olafsdottir, K.B.		A 2000 year record of climate variations reconstructed from Haukadalur, West Iceland	JOURNAL OF PALEOLIMNOLOGY	41	2009	95-115	DOI: 10.1007/s10933-008-9253-z
Magny, M., Miramonti, C., Sivan, O.		Assessment of the impact of climate and anthropogenic factors on Holocene Mediterranean vegetation in Europe on the basis of paleohydrological records	PALEOEOGRAPHY PALEOCLIMATOLOGY	166	2002	47-59	DOI: 10.1016/S0031-0182(02)00442-X
other Sediments	Zielhofer, C., Bussmann, J., Ibouhouten, H., Fenech, K.	Flood frequencies reveal Holocene rapid climate changes (Lower Moulouya River, northeastern Morocco)	JOURNAL OF QUATERNARY SCIENCE	25	2010	700-714	DOI: 10.1002/qs.1347
Pollen							
Santos, L.		Late Holocene forest history and deforestation dynamics in the Queixa Sierra, Galicia, northwestern Iberian Peninsula	MOUNTAIN RESEARCH AND DEVELOPMENT	24	2004	251-257	DOI: 10.1659/0276-4741
Gajewski, K.		The Global Pollen Database in biogeographical and palaeoclimatic studies	PROGRESS IN PHYSICAL GEOGRAPHY	2008	379-402	DOI: 10.1177/030913300809620	
Seppälä, M., Blunck, A., Telford, R.J., Birks, H.J.B., Veski, S.		last 1000 years of temperature variability in the boreal zone of the northern Fennoscandia	CLIMATE OF THE PAST	5	2009	529-535	DOI: 10.1016/j.yqres.2009.09.001
Allison, J.M., Watts, W.A., McGee, E., Huntley, B.		Holocene environmental variability in the record from the Lago del Corno di Monticchio, Italy	QUATERNARY INTERNATIONAL	26	2007	1455-1475	DOI: 10.1016/j.yqres.2007.03.013
Carrion, J.S., Juárez, et al.		Holocene environmental change in a montane region of southern Europe with a long history of human settlement	QUATERNARY SCIENCE REVIEWS	5	2009	503-521	DOI: 10.1016/j.yqres.2009.09.002
Neubert, N.C., Peyron, O., Dormoy, I., et al.		Rapid climatic variability in the west Mediterranean during the last 25 000 years from high resolution pollen data	CLIMATE OF THE PAST	22	2003	1701-1716	DOI: 10.1016/S0277-3791(03)00173-2
Davis, B.A.S., Brewer, S., Stevenson, A.C., Guijt, J.		The temperature of Europe during the Holocene reconstructed from pollen data	QUATERNARY SCIENCE REVIEWS	22	2003	541-554	DOI: 10.1016/S0277-3791(02)00189-0
Heikkilä, M., Seppä, H.		A 11,000 yr palaeotemperature reconstruction from the southern boreal zone in Finland					
Peat bog							
Swindles, G.T., Blundell, A., Roe, H.M., Hall, V.A.		A 4500-year proxy climate record from peatlands in the North of Ireland: the identification of widespread summer 'drought phases'?	QUATERNARY SCIENCE REVIEWS	29	2010	1577-1589	DOI: 10.1016/j.yqres.2009.01.003
Charman, D.J., Blundell, A., Chiverrell, R.C., Hendon, D., Langdon, P.G.		Compilation of non-anomally resolved Holocene proxy climate records: stacked Holocene peatland palaeo-water table table reconstructions from northern Britain	QUATERNARY SCIENCE REVIEWS	25	2006	336-350	DOI: 10.1016/j.yqres.2006.05.005
Schnitrich, C., Charman, D.J., et al.		Reconstructing hydrological variability from testate amoebae analysis in Carpathian peatlands	JOURNAL OF PALEOLIMNOLOGY	36	2006	1-17	DOI: 10.1007/s10933-006-0001-y
Langdon, P.G., Barber, K.E., Hughes, P.D.M.		A 7500-year peat-based palaeoclimatic reconstruction and evidence for an 1100-year cycle in bog surface wetness from Temple Hill Moss, Pentland Hills, southeast Scotland	QUATERNARY SCIENCE REVIEWS	22	2003	259-274	DOI: 10.1016/S0277-3791(02)00093-8
Valfranta, M., Korhola, A., Seppä, H., et al.		High-resolution reconstruction of wetness dynamics in a southern boreal raised bog, Finland, during the late Holocene: a quantitative approach	HOLOCENE	17	2007	1093-1107	DOI: 10.1177/09598363073020048250
Corals	Felis, T., Rimbu, N.	Mediterranean climate variability documented in oxygen isotope records from northern Red Sea corals-A review	GLOBAL AND PLANETARY CHANGE	71	2010	232-241	DOI: 10.1016/j.gloplacha.2009.10.006
Archaeology							
Lambeck, K., Anzidei, M., Antonioli, F., Benini, A., Esposito, A.		Sea level in Roman time in the Central Mediterranean and implications for recent change	EARTH AND PLANETARY SCIENCE LETTERS	224	2004	563-575	DOI: 10.1016/j.espl.2004.05.031
Tinner, W., Lotter, A.F., et al.		Climatic change and contemporaneous land-use phases north and south of the Alps 2300 BC to 800 AD	QUATERNARY SCIENCE REVIEWS	22	2003	1447-1460	DOI: 10.1016/S0277-3791(03)00083-0
Grosjean, M., Suter, P.J., Trachsel, M., Wanner, H.		Ice-borne prehistoric finds in the Swiss Alps reflect Holocene glacier fluctuations	JOURNAL OF QUATERNARY SCIENCE	22	2003	203-207	DOI: 10.1002/qs.1111
Multiproxy							
Charman, D.J.		Climatic centennial variability in the British Isles during the mid-late Holocene	QUATERNARY SCIENCE REVIEWS	29	2010	1539-1554	DOI: 10.1016/j.yqres.2009.09.017
Kuhl, N., Moschen, R., Wagner, S., Brewer, S., Peyron, O.		A multiproxy record of late Holocene natural and anthropogenic environmental change from the Sphagnum peat bog Dürres Maar, Germany: implications for quantitative ...	JOURNAL OF QUATERNARY SCIENCE	25	2006	675-688	DOI: 10.1016/j.yqres.2006.07.017