

THIS LIST CONTAINS REFEREED ARTICLES CONTAINING ITRAX CORESCANNER SEDIMENT DATA. THE ARTICLES ARE LISTED FOR EACH YEAR FROM 2007-2016. AFTER THE 2016 LIST, THERE ARE LISTS FOR GEOLOGY (NON SEDIMENT) AND WOOD.

REFEREED (SEDIMENTS) 2007

SR-07-1 Guyard H., Chapron E., St-Onge G., Anselmetti F.S., Arnaud F., Magand O., Francus P., Mélières M.-A.

High-Altitude varve records of abrupt environmental changes and mining activity over the last 4000 years in the Western French Alps (lake Bramant, Grand Rousses Massif)

Quaternary Science Reviews, v 26, I 19-21, p2644-2660

[\[Link\]](#)

SR-07-2 Peck V.L., Hall I.R., Zahn R., Grousset F., Hemming S.R., Scourse J.D.

The relationship of Heinrich events and their European precursors over the past 60 ka BP: a multi-proxy ice-rafted debris provenance study in the North East Atlantic

Quaternary Science Reviews: Volume 26, Issues 7-8, April 2007, Pages 862-875

[\[Link\]](#)

SR-07-3 Marsh R., Mills R.A., Green D.R.H., Salter I., Taylor S.

Controls on sediment geochemistry in the Crozet region

Deep Sea Research Part II: Topical Studies in Oceanography

Volume 54, Issues 18-20, September-October 2007, Pages 2260-2274

[\[Link\]](#)

SR-07-4 Brown E.T., Johnson T.C., Scholz C.A., Cohen A.S., King J.W.

Abrupt change in tropical African climate linked to the bipolar seesaw over the past 55,000 years

GEOPHYSICAL RESEARCH LETTERS, VOL. 34, L20702

[\[Link\]](#)

SR-07-5 Donnelly J.P., Woodruff J.D.

Intense hurricane activity over the past 5,000 years controlled by El Niño and the West African monsoon

Nature v447/24 May 2007 p465-468

[\[Link\]](#)

SR-07-6 Scholz C.A., Johnson T.C., Cohen A.S., King J.W., Peck J.A., Overpeck J.T., Talbot M.R., Brown E.T., Kalindekaffe L., Amoako P.Y.O., Lyons R.P., Shanahan T.M., Castañeda I.S., Heil C.W., Forman S.L., McHargue L.R., Beuning K.R., Gomez J., Pierson J.

East African megadroughts between 135 and 75 thousand years ago and bearing on early-modern human origins

10.1073/pnas.0703874104.

[\[Link\]](#)

SR-07-7 Umer M., Lamb H.F., Bonnefille R., Lézine A.-M., Tiercelin J.-J., Gibert E., Cazet J.-P., Watrin J.

Late Pleistocene and Holocene vegetation history of the Bale Mountains, Ethiopia

Quaternary Science Reviews, 26: 2229-2246

[\[Link\]](#)

SC-07-8 -.

[\[Link\]](#)

SR-07-9 Lamb A.L., Brewer T.S., Leng M.J., Sloane H.J., Lamb H.F.

A geochemical method for removing the effect of tephra on lake diatom oxygen isotope records

Journal of Paleolimnology (2007) v37, no4, p499-516

[\[Link\]](#)

SR-07-10 Guyard H., St-Onge G., Chapron E., Anselmetti F.S., Francus P.

The AD 1881 Earthquake-Triggered Slump and Late Holocene Flood-Induced Turbidites from Proglacial Lake Bramant, Western French Alps

Advances in Natural and Technological Hazards Research vol 27, Submarine Mass Movements and Their Consequences

[\[Link\]](#)

SR-07-11 Lamb H.F., Bates C.R., Coombes P.V., Marshall M.H., Umer M., Davies S.J., Dejen E.

Late Pleistocene desiccation of Lake Tana, source of the Blue Nile

Quaternary Science Reviews 26 (2007) 287-299

[\[Link\]](#)

SR-07-12 Marsh R., Mills R.A., Green D.R.H., Salter I., Taylor S.

Controls on sediment geochemistry in the Crozet region

Deep Sea Research Part II: Topical Studies in Oceanography

Volume 54, Issues 18-20, September-October 2007, Pages 2260-2274

[\[Link\]](#)

SR-07-13 St-Onge G., Mulder T., Francus P., Long B.

Continuous Physical Properties of Cored Marine Sediments, Proxies in Late Cenozoic Paleoceanography

Developments in Marine Geology V1 p63-98

[\[Link\]](#)

SR-07-14 Scileppi E., Donnelly J.P.

Sedimentary evidence of hurricane in western Long Island, New York
Geochemistry - Geophysics – Geosystems, v8 n6 21 june 2007

[\[Link\]](#)

SR-07-15 Cagatay N., Okay N., Genc C., Demirbag E., Akkok R., Ozcan E., Vardar M., Tuysuz O.

EMCOL (Eastern Mediterranean Centre for Oceanography and Limnology): a New European Research Centre for Natural Hazards and Environmental Change Studies

Rapp. Comm. int. Mer Médit., 38

[\[Link\]](#)

SR-07-16 Lamb H.F., Leng M.J., Telford R.J., Ayenew T., Umer M.

Oxygen and carbon isotope composition of authigenic carbonate from an Ethiopian lake: a climate record of the last 2000 years

The Holocene, Vol. 17, No. 4, 517-526

[\[Link\]](#)

REFEREED (SEDIMENTS) 2008**SR-08-1 Christoffersen P., Tulaczyk S., Wattrus N.J., Peterson J., Quintana-Krupinski N., Clark C.D., Sjunneskog C.**

Large subglacial lake beneath the Laurentide Ice Sheet inferred from sedimentary sequences

GEOLOGY, July 2008 p563-566

[\[Link\]](#)**SR-08-2 Rolland N., Larocque I., Francus P., Pienitz R., Laperrière L.**

Holocene climate inferred from biological (Diptera: Chironomidae) analyses in a Southampton Island (Nunavut, Canada) lake

The Holocene 18,2 (2008) pp. 229–241

[\[Link\]](#)**SR-08-3 Carlson A.E., Stoner J.S., Donnelly J.P., Hillaire-Marcel C.**

Response of the southern Greenland Ice Sheet during the last two deglaciations

GEOLOGY, May 2008 p 359-362

[\[Link 1\]](#) [\[Link 2\]](#)**SR-08-4 Rohling E.J., Grant K., Hemleben C., Kucera M., Roberts A.P., Schmeltzer I., Schulz H., Siccha M., Siddall M., Trommer G.**

New constraints on the timing of sea level fluctuations during early to middle marine isotope stage 3

PALEOCEANOGRAPHY, VOL. 23, PA3219

[\[Link\]](#)**SR-08-5 Moreno A., Valero-Garcés B.-L., González-Sampériz 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 (2008) v40, no3, p943-961

[\[Link\]](#)**SR-08-6 Unkel, I., Björck, S., Wohlfahrt, B.**

Deglacial environmental changes on Isla de los Estados (54.4°S), southeastern Tierra del Fuego.

Quaternary Science Review v27 i15-16 p1541-1554

[\[Link\]](#)**SR-08-7 Kröpelin S., Verschuren D., Lézine A.-M., Eggermont H., Cocquyt C., Francus P., Cazet J.-P., Fagot M., Rumes B., Russell J.M., Darius F., Conley D.J., Schuster M., von Suchodoletz H., Engstrom D.R.**

Climate-Driven Ecosystem Succession in the Sahara: The Past 6000 Years

Science 9 May 2008: 765-768

[\[Link\]](#)**SR-08-8 McHugh C.M.G., Gurung D., Giosan L., Ryan W.B.F., Mart Y., Sancar U., Burckle L., Cagatay M.N.**

The last reconnection of the Marmara Sea (Turkey) to the World Ocean: A paleoceanographic and paleoclimatic perspective

Marine Geology, v255, 1-2, p 64-82

[\[Link\]](#)**SR-08-9 Rebolledo L., Sepúlveda J., Lange C.B., Pantoja S., Bertrand S., Huguen K., Figueroa D.**

Late Holocene marine productivity changes in Northern Patagonia-Chile inferred from a multi-proxy analysis of Jacaf channel sediments

Estuarine, Coastal and Shelf Science v80, p314-322, doi:10.1016/j.ecss.2008.08.016

[\[Link\]](#)**SR-08-10 Cook T.L., Bradley R.S., Stoner J.S., Francus P.**

Five thousand years of sediment transfer in a high arctic watershed recorded in annually laminated sediments from Lower Murray Lake, Ellesmere Island, Nunavut, Canada

J Paleolimnology, v41 n1 p77-94 DOI:10.1007/s10933-008-9252-0

[\[Link\]](#)**SR-08-11 Francus P., Bradley R.S., Lewis T., Abbott M., Retelle M., Stoner J.S.**

Limnological and sedimentary processes at Sawtooth Lake, Canadian High Arctic, and their influence on varve formation

J Paleolimnology v40, n3, p963-985, 10.1007/s10933-008-9210-x

[\[Link\]](#)**SR-08-12 ST-Onge., Chapron E., Guyard H., Rochon A., Lajeunesse P., Locat J., Scott D., Stoner J.S., Hillaire-Marcel C.**

High-resolution physical and magnetic properties of rapidly deposited layers associated with landslides, earthquakes and floods

Presse de l'Université Laval, Québec, pp. 219-228.

[\[Link\]](#)**SR-08-13 Jacob J., Disnar J.-R., Arnaud F., Chapron E., Debret M., Lallier-Vergès., Desmet M., Revel-Rolland M.**

Millet cultivation history in the French Alps as evidenced by a sedimentary molecule

J Archaeological Science v35 (2008) p814-820.

[\[Link\]](#)**SR-08-14 Frenz M., Wynn R.B., Georgiopoulou A., Bender V.B., Hough G., Masson D.G., Talling P.J., Cronin B.T.**

Provenance and pathways of late Quaternary turbidites in the deep-sea Agadir-Basin, northwest African margin

Int J Earth Sciences v98 n4 (2008) p721-733.

[\[Link\]](#)**SR-08-15 Löwemark L., Jakobsson M., Mörth M., Backman J.**

Arctic Ocean manganese contents and sediment colour cycles

Polar Research (2008) v27 n2 p105-113, DOI: 10.1111/j.1751-8369.2008.00055.x

[\[Link\]](#)

SR-08-16 Kinder M., Tylmann W., Ohlendorf C., Zolitschka B.

Laminowane osady denne jeziora Szurpiły jako podstawa rekonstrukcji zmian środowiska przyrodniczego w północno-wschodniej Polsce

Landform Analysis (2008) v9 p241-246

[\[Link\]](#)

REFEREED (SEDIMENTS) 2009**SR-09-01 Jacob J., Disnar J.-R., Arnaud F., Gauthier E., Billaud Y., Chapron E., Bardoux G.**

Impacts of new agricultural practices on soil erosion during the Bronze Age in the French Prealps
The Holocene v19 n2 (2009) p241-249.

[\[Link\]](#)**SR-09-02 Moreno A., Valero-Garcés B.-L., Jiménez-Sánchez M., Domínguez-Cuesta M.-J., Mata M.P., Navas A., González-Sampériz P., Stoll H., Farias P., Morellón M., Corella J.P., Rico M.**

The last deglaciation in the Picos de Europa National Park (Cantabrian Mountains, northern Spain)
Journal of Quaternary Science (2009) DOI: 10.1002/jqs. 1265

[\[Link\]](#)**SR-09-03 Vare L.L., Massé G., Gregory T.R., Smart C.W., Belt S.T.**

Sea ice variations in the central Canadian Arctic Archipelago during the Holocene
Quaternary Science Reviews (2009) v28 n113-14 p1354-1366

[\[Link\]](#)**SR-09-04 Lewis T., Francus P., Bradley R.S.**

Resent occurrence of large jökulhlaups at Lake Tuborg, Ellesmere Island, Nunavut
J Paleolimnol (2009) v41 p491-506

[\[Link\]](#)**SR-09-5 Niermann H., Haberzettl T., Behling H.**

Holocene climate variability and vegetation dynamics inferred from the (11 700 cal. yr BP) Laguna Rabadilla de vaca sediment record, southeastern Ecuadorian Andes
The Holocene (2009) v19,2 p307-316

[\[Link\]](#)**SR-09-6 Moreno A., Santoro C.M., Latorre C.**

Climate change and human occupation in the northernmost Chilean Altiplano over the last ca. 11 500 cal. a BP
J Quaternary Science (2009) v24 n4 p373-382

[\[Link\]](#)**SR-09-7 Woodruff J.D., Donnelly J.P., Okusu A.**

Exploring typhoon variability over mid-to-late Holocene: evidence of extreme coastal flooding from Kamikoshiki, Japan
Quaternary Science Reviews (2009) v28 p1774-1785

[\[Link\]](#)**SR-09-8 Schwab M.J., Werner P., Dulski P., McGee E., Nowaczyk N.R., Bertrand S.B., Leroy S.A.G.**

Palaeolimnology of Lake Spanca and identification of historic earthquake signals, Northern Anatolian Fault Zone (Turkey)
Quaternary Science Reviews (2009) v28 p991-1005

[\[Link\]](#)**SR-09-9 Hibbert, F.D., Austin W.N., Leng M.J., Gatliff R.W.**

British Ice Sheet dynamics inferred from North Atlantic ice-rafted debris records spanning the last 175 000 years
J of Quaternary Science (2009) v25 n4 p461-482

[\[Link\]](#)**SR-09-10 Haberzettl T., Anselmetti F.S., Bowen S.W., Fey M., Mayr C., Zolitschka B., Ariztegui D., Mauz B., Ohlendorf C., Kastner S., Lücke A., Schäbitz F., Wille M.,**

Late Pleistocene dust deposition in the Patagonian steppe – extending and refining the paleoenvironmental and tephrochronological record from Laguna Patrok Aike back to 55 ka
Quaternary Science Reviews (2009) v28 n25-26 p2927-2939

[\[Link\]](#)**SR-09-11 Sáez A., Valero-Garcés B.L., Giralte S., Moreno A., Bao R., Pueyo J.J., Hernández A., Casas D.**

Glacial to Holocene climate changes in the SE Pacific. The Raraku Lake Sedimentary record (Easter Island, 27deg S)
Quaternary Science Reviews (2009) v28 n25-26 p2743-2759

[\[Link\]](#)**SR-09-12 Rolland N., Larocque I., Francus P., Pienitz R., Laperrière L.**

Evidence for warmer period during 12th and 13th centuries AD from chironomid assemblages in Southampton Island, Nunavut, Canada
Quaternary Research (2009) v72 n1 p27-37

[\[Link\]](#)**SR-09-13 Carling P.A., Williams J.J., Croudace I.W., Amos C.L.**

Formation of mud ridge and runnels in the intertidal zone of the Severn Estuary, UK
Continental Shelf Research (2009) v29 p1913-1926

[\[Link\]](#)**SR-09-13b Erratum: Carling P.A., Williams J.J., Croudace I.W., Amos C.L.**

Formation of mud ridge and runnels in the intertidal zone of the Severn Estuary, UK
Continental Shelf Research (2009) v29 p1756

[\[Link\]](#)**SR-09-14 Coolen M.J.L., Saenz J.P., Giosan L., Trowbridge N.Y., Dimitrov P.**

DNA and lipid molecular stratigraphic records of haptophyte succession in the Black Sea during the Holocene
Earth and Planetary Science Letters (2009) v284 n3-4 p610-621

[\[Link\]](#)**SR-09-15 Shuman B.N., Newby P., Donnelly J.P.**

Abrupt climate change as an important agent of ecological change in the Northeast U.S. throughout the past 15,000 years

Quaternary Science Reviews (2009) v28 n17-18 p1693-1709

[\[Link\]](#)

SR-09-16 Polyak L., Bischof J., Ortiz J.D., Darby D.A., Channell J.E.T., Xuan C., Kaufman D.S., Lövlie R., Schneider D.A., Eberl D.D., Adler R.E., Council E.A.

Late Quaternary stratigraphy and sedimentation patterns in the western Arctic Ocean

Global and Planetary Change (2009) v68 p5-17

[\[Link\]](#)

SR-09-17 Newby P.E., Donnelly J.P., Shuman B.N., MacDonald D.

Evidence of centennial-scale drought from southeastern Massachusetts during the Pleistocene/Holocene transition

Quaternary Science Reviews (2009) v28 p167-1692

[\[Link\]](#)

SR-09-18 Lyons R.P., Scholz C.A., Buoniconti M.R., Martin M.R.

Late Quaternary stratigraphic analysis of the Lake Malawi Rift, East Africa: An integration of drill-core and seismic-reflection data

Palaeogeography, Palaeoclimatology, Palaeoecology (2009 in press)

[\[Link\]](#)

REFEREED (SEDIMENTS) 2010**SR-10-1 Davids F., Roberts H.M., Duller G.A.T.**

Is X-ray Core scanning non-destructive? Assessing the implications for optically stimulated luminescence (OSL) dating of sediments

J Quaternary Science (2010) v25(3) p348-353

[\[Link\]](#)

SR-10-2 Engel M., Brückner H., Wennrich V., Scheffers A., Kelletat D., Vött A., Schäbitz F., Daut G., Willershä T., May S.M.

Costal stratigraphies of eastern Bonaire (Netherlands Antilles): new insights into the paleo-tsunami history of the southern Caribbean

Sedimentary Geology v231 p14-30 (2010)

[\[Link\]](#)

SR-10-3 Lepland A., Andersen T.J., Lepland A., Arp H.P.H., Alve E., Breedveld G.D., Rindby A.

Sedimentation and chronology of heavy metal pollution in Oslo harbor, Norway

Marine Pollution Bulletin (2010) v25(3) p348-353

[\[Link\]](#)

SR-10-4 Cuven S., Francus P., Lamoureux S.F.

Estimation of grain size variability with micro X-ray fluorescence in laminated lacustrine sediments, Cape Bounty, Canadian High Arctic

J Paleolimnol v44 n3 p803-817 (2010) DOI: 10.1007/s10933-010-9453-1

[\[Link\]](#)

SR-10-5 Croudace I., Rothwell G.

Micro-XRF sediment core scanners: important new tools for the environmental and earth sciences

Spectroscopy Europe v22 n3 p6-13

[\[Link\]](#)

SR-10-6 Striberger J., Björk S., Ingólfsson Ó., Kjaer K.H., Snowball I., Uvo C.B.

Climate variability and glacial processes in eastern Iceland during the past 700 years based on varved lake sediments

Boreas v40 n1 p28-45 (2010) DOI : 10.1111/j.1502-3885.2010.00153.x

[\[Link\]](#)

SR-10-07 Snowball I., Muscheler R., Zillén L., Sandgren P., Stanton T., Ljung K.

Radiocarbon wiggle matching of Swedish lake varves reveals asynchronous climate changes around the 8.2 kyr cold event

Boreas v39 n4 p720-733 (2010) DOI: 10.1111/j.1502-3885.2010.00167.x

[\[Link\]](#)

SR-10-8 Hibbert F.D., Austin W.E.N., Leng M.J., Gatliff R.W.

British Ice Sheet dynamics inferred from North Atlantic ice-rafted debris records spanning the last 175 000 years

J Quaternary Science v 25 n4 p461-482

[\[Link\]](#)

SR-10-9 Vogel H., Zanchetta G., Sulpizio R., Wagner B., Nowaczyk N.

A tephrostratigraphic record for the last glacial–interglacial cycle from Lake Ohrid, Albania and Macedonia

J Quaternary Science v 25 n3 p320-338

[\[Link\]](#)

SR-10-10 Johnson M.D., Ståhl Y.

Stratigraphy, Sedimentology, age and palaeoenvironment of marine varved clay in the Middle Swedish end-moraine zone

Boreas v39 n2 p199-214, DOI: 10.1111/j.1502-3885.2009.00124.x

[\[Link\]](#)

SR-10-11 Müller M., Handley K.M., Lloyd J., Pancost R.D., Mills R.A.

Biogeochemical controls on microbial diversity in seafloor sulphidic sediments

Geobiology (2010) v8 p309-326

[\[Link\]](#)

SR-10-12 Kim S.-Y., Scourse J., Marret F., Lim D.-I.

A 26,000-year integrated record of marine and terrestrial environmental change off Gabon, west equatorial Africa

Palaeogeography, Palaeoclimatology, Palaeoecology v297 p428-438 (2010)

[\[Link\]](#)

SR-10-13 Berg S., Wagner B., Cremer H., Leng M.J., Melles M.

Late Quaternary environmental and climate history of Rauer Group, East Antarctica

Palaeogeography, Palaeoclimatology, Palaeoecology v297 p201-213 (2010)

[\[Link\]](#)

SR-10-14 Mischke S., Rajabov I., Mustaeva N., Zhang C., Herzsich U., Boomer I., Brown E.T., Andersen N., Myrbo A., Ito E., Schudack M.E.

Modern hydrology and late Holocene history of Lake Karakul, eastern Pamirs (Tajikistan): A reconnaissance study

Palaeogeography, Palaeoclimatology, Palaeoecology v289 (2010) p10-24

[\[Link\]](#)

SR-10-15 Löwemark L., Chen H.-F., Yang T.-N., Kylander M., Yu E.-F., Hsu Y.-W., Lee T.-Q., Song S.-R., Jarvis S.

Normalizing XRF-scanner data: A cautionary note on the interpretation of high-resolution records from organic-rich lakes

J Asian Earth Sciences (2010 in press)

[\[Link\]](#)

SR-10-16 Cage A.G., Austin W.E.N.

Marine climate variability during the last millennium: The Loch Sunart record, Scotland, UK

Quaternary Science Reviews v29 n13-14 p1633-1647

[\[Link\]](#)

SR-10-17 Brendryen J., Hafliðason H., Sejrup H.P.

Norwegian Sea Tephrostratigraphy of marine isotope stages 4 and 5: Prospects and problems for tephrochronology in the North Atlantic region

Quaternary Science Reviews v29 n7-8 p847-864

[\[Link\]](#)

SR-10-18 Moreno A., González-Sampériz P., Morellón M., Valero-Garcés B.L., Fletcher W.J.

Northern Iberian abrupt climate change dynamics during the last glacial cycle A view from lacustrine sediments

Quaternary Science Reviews (2010 in press)

[\[Link\]](#)

SR-10-19 Unkel I., Fernandez M., Björck S., Ljung K., Wohlfath B.

Records of environmental changes during the Holocene from Isla de los Estados (54.4 deg S), southeastern Tierra del Fuego

Global and Planetary Change (2010 in press)

[\[Link\]](#)

SR-10-20 Selvaraj K., Kao S.J.

Recent Advances of Paleoclimate Study and New Technique

Instrument Technology Research Centre v176 n31-6 (2010) p23-29

[\[Link\]](#)

SR-10-21 Boldt K., Lane P., Woodruff J.D., Donnelly J.P.

Calibrating a sedimentary record of overwash from Southeastern New England using modeled historic hurricane surges

Marine Geology v275 (2010) p127-139

[\[Link\]](#)

SR-10-22 Stansell N.D., Abbott M.B., Rull V., Rodbell D.T.

Abrupt Younger Dryas cooling in the northern tropics recorded in lake sediments from the Venezuelan Andes

Earth and Planetary Science Letters v293 n1-2 (2010) p154-163

[\[Link\]](#)

SR-10-23 Belt S.T., Vare L.L., Massé G., Manners H.R., Price J.C., MacLachlan S.E., Andrews J.T., Schmidt S.

Striking similarities in temporal changes to spring sea ice occurrence across the central Canadian Arctic Archipelago over the last 7000 years

Quaternary Science Reviews v29 p3489-3504 (2010)

[\[Link\]](#)

SR-10-24 Kleeberg A., Herzog C., Jordan S., Hupfer M.

What drives the evolution of sedimentary phosphorous cycle?

Limnologia v40 n2 (2010) p102-113

[\[Link\]](#)

SR-10-25 McWethy D.B., Whitlock C., Wilmschurst J.M., McGlone M.S., Fromont M., Li X., Dieffenbacher-Krall A., Hobbs W.O., Fritz S.C., Cook E.R.

Rapid landscape transformation in South Island, New Zealand, following initial Polynesian settlement

PNAS v107 n50 p21343-21348 (2010)

[\[Link\]](#)

SR-10-26 Rose J., Coxon P.

Lake The Quaternary of the British Isles and adjoining seas

J Quaternary Science (2010) v25 n4 p395-398

[\[Link\]](#)

SR-10-27 Metcalfe S.E., Jones M.D., Davies S.J., Noren A., MacKenzie A.

Climate variability over the last two millennia in the North America monsoon region, recorded in laminated lake sediments from Laguna de Juanacatlán, Mexico

The Holocene (2010) v25 n4 p395-398

[\[Link\]](#)

SR-10-28 MacLeod A., Palmer A., Lowe J., Rose J., Bryant C., Merritt J.

Timing of glacier response to Younger Dryan climatic cooling in Scotland

Global and Planetary Change v79 n3-4 (2010) doi: 10.1016/j.gloplacha.2010.07.006

[\[Link\]](#)

SR-10-29 Kastner S., Ohlendorf C., Habertzettl T., Lücke A., Mayr C., Maidana N.I., Schäbitz F., Zolitschka B.

Southern hemispheric westerlies control the spatial distribution of modern sediments in Laguna Potrok Aike, Argentina

J of Paleolimnology v44 p887-902 (2010) DOI 10.1007/s10933-010-9462-0

[\[Link\]](#)

SR-10-30 Gikuma-Njuru P., Hecky R.E., Guildford S.J.

Surficial sediment phosphorus fraction along a biogeochemical gradient in Nyanza (Winam) Gulf, northeastern Lake Viktoria and their possible role in phosphorus recycling and internal loading

Biogeochemistry v97 p247-261 (2010) DOI 10.1007/s10533-009-9370-4

[\[Link\]](#)

SR-10-31 Boës X., Moran S.B., King J., Cagatay M.N., Hubert-Ferrari A.

Records of large earthquakes in lake sediments along the North Anatolian Fault, Turkey

J Paleolimnology v42 p901-920 (2010) DOI 10.1007/s10933-009-9376-x

[\[Link\]](#)

SR-10-32 Vogel H., Wagner B Zanchetta G., Sulplizio R., Rosén P.

A paleoclimate record with tephrochronological age control for the last glacial-interglacial cycle from Lake Ohrid, Albania and Macedonia

J Paleolimnology v44 n1 p295-310 (2010) DOI 10.1007/s10933-009-9404-x

[\[Link\]](#)

SR-10-33 Brun Schön C., Haberzettl T., Behling H.

High-resolution studies on vegetation succession, hydrological variations, anthropogenic impact and genesis of a sunrecent lake in southern Ecuador

Veget Hist Archaeobotany v19 p191-206 (2010) DOI 10.1007/s00334-010-0236-4

[\[Link\]](#)

SR-10-34 Cronan D.S., Rothwell G., Croudace I.

An ITRAX Geochemical Study of Ferromanganiferous Sediments from the Pehrhyh Basin, South Pacific Ocean

Marine Georesources & Geotechnology v28 n3 p207-221 (2010)

[\[Link\]](#)

SR-10-35 Jones A.F., Lewin J., Macklin M.G.

Flood series data for the later Holocene: Available approaches, potential and limitations from UK alluvial sediments

The Holocene v20 n7 p1123-1135 (2010)

[\[Link\]](#)

SR-10-36 Carugati G., Rauch S., Kylander M.E.

Experimental assessment of a large sample cell for laser ablation-ICP-MS, and its application to sediment core micro-analysis

Microchim Acta v170 p39-45 (2010) DOI 10.1007/s00604-010-0377-2

[\[Link\]](#)

SR-10-37 Moreno A., Valero-Garcés B.L., Jiménez-Sánchez M., Domínguez-Cuesta M.J., Mata M.P., Navas A., González-Sampériz P., Stoll H., Farias P., Morellón M., Corella J.P., Rico M.

The last deglaciation in the Picos de Europa National Park (Cantabrian Mountains, northern Spain)

J of Quaternary Science v25 n7 p1076-1091 (2010)

[\[Link\]](#)

SR-10-38 Zhao C., Yu Z., Zhao Y., Ito E., Kodama K.P., Chen F.

Holocene millennial-scale climate variations documented by multiple lake-level proxies in sediment cores from Hurleg Lake, Northwest China

J Paleolimnology v44 p995-1008 (2010) DOI 10.1007/s10933-010-9469-6

[\[Link\]](#)

SR-10-39 Albrecht C., Vogel H., Hauße T., Wilke T.

Sediment core fossils in ancient Lake Ohrid: testing for faunal change since the Last Interglacial

Biogeosciences v7 p3435-3446 (2010)

[\[Link\]](#)

SR-10-40 Striberger J., Björck S., Ingolfsson O., Kjær K.H., Snowball I., Uvo C.B.

Climate variability and glacial processes in eastern Iceland during the past 700 years based on varved lake sediments

Boreas v40 p28-45 (2010) . 10.1111/j.1502-3885.2010.00153.x. ISSN 0300-9483.

[\[Link\]](#)

SR-10-41 Sosa-Nájera S., Lozano-García S., Roy P.D., Caballero M.

Registro de sequías históricas en el occidente de México con base en el análisis elemental de sedimentos lacustres: El caso del lago de Santa María del Oro

Boletín de la Sociedad Geológica Mexicana v62 n3 p437-451 (2010)

[\[Link\]](#)

SR-10-42 Breier J.A., Breier C.F., Edmonds H.N.

Seasonal dynamics of dissolved Ra isotopes in the semi-arid bays of south Texas

Marine Chemistry v122 p39-50 (2010)

[\[Link\]](#)

SR-10-43 Matter M., Anselmetti F.S., Jordanoska B., Wagner B., Wessels M., A. Wüest M.

Carbonate sedimentation and effects of eutrophication observed at the Kalista subaquatic springs in Lake Ohrid (Macedonia)

Biogeosciences v7 p3755-3767 (2010)

[\[Link\]](#)

SR-10-44 Kim S.-Y., Scourse J., Marret F., Lim D.-I.

A 26,000-year integrated record of marine and terrestrial environmental change off Gabon, west equatorial Africa

Palaeogeography, Palaeoclimatology, Palaeoecology v297 p428-438 (2010)

[\[Link\]](#)

SR-10-45 Lindhorst K., Vogel H., Krastel S., Wagner B., Hilgers A., Zander A., Schwenk T., Wessels M., Daut G.

Stratigraphic analysis of lake level fluctuations in Lake Ohrid: an integration of high resolution hydro-acoustic data and sediment cores

Biogeosciences v7 p3531-3548 (2010)

[\[Link\]](#)

SR-10-46 Wagner B., Vogel H., Zanchetta G., Sulplizio R.

Environmental changes on the Balkans recorded in the sediments from lakes Prespa and Ohrid

Biogeosciences Discuss v7 p3365-3392 (2010) doi:10.5194/bgd-7-3365-2010

[\[Link\]](#)

REFEREED (SEDIMENTS) 2011**SR-11-01 Kylander M.E, Ampel L., Wohlfarth B., Veres D.**

High-resolution X-ray fluorescence core scanning analysis of Les Echets (France) sedimentary sequence: new insights from chemical proxies

J of Quaternary Science v26 n1 p109-117 (2011)

[\[Link\]](#)

SR-11-02 Kylander M.E., Lind E.M., Wastegård S., Löwemark L.

Recommendations for using XRF core scanning as a tool in tephrochronology

The Holocene (2011) DOI: 10.1177/0959683611423688

[\[Link\]](#)

SR-11-03 Giralt S., Rico-Herrero M.T., Vega J.C., Valero-Garcés B.L.

Quantitative climate reconstruction linking meteorological, limnological and XRF core scanner datasets: the Lake Sanabria case study, NW Spain

J Paleolimnology v46 p487-502 (2011) DOI 10.1007/s10933-011-9509-x

[\[Link\]](#)

SR-11-04 Löwemark L., Chen H.-F., Yang T.-N., Kylander M., Yu E.-F., Hsu Y.-W., Lee T.-Q., Song S.-R., Jarvis S.

Normalizing XRF-scanner data: A cautionary note on the interpretation of high-resolution records from organic-rich lakes

J of Asian Earth Sciences v40 p1250-1256 (2011)

[\[Link\]](#)

SR-11-05 Tachikawa K., Cartapanis O., Vidal L., Beaufort L., Barlyaeva T., Bard E.

The precession phase of hydrological variability in the Western Pacific Warm Pool during the past 400 ka

J of Quaternary Science v30 p3716-3727 (2011)

[\[Link\]](#)

SR-11-06 Scussolini P., Vegas-Vilarrúbia T., Rull V., Corella J.P., Valero-Garcés B., Gomà J.

Middle and late Holocene climate change and human impact inferred from diatoms, algae and aquatic macrophyte pollen in sediments from Lake Montcortès (NE Iberian Peninsula)

J Paleolimnology v46 p369-385 (2011) DOI 10.1007/s10933-011-9524-y

[\[Link\]](#)

SR-11-07 Kossler A., Tarasov P., Scholaut G., Nakagawa T., Marshall M., Brauer A., Staff R., Bronk Ramsey C., Bryant C., Lamb H., Demske D., Gotanda K., Haraguchi T., Yokoyama Y., Yonenobu H., Tada R., Suigetsu 2006 proj memb.

Onset and termination of the late-glacial climate reversal in the high-resolution diatom and sedimentary records from the annually laminated SG06 core from Lake Suigetsu, Japan

Palaeogeography, Palaeoclimatology, Palaeoecology v306 p103-115 (2011)

[\[Link\]](#)

SR-11-08 Corella J.P., El Amrani A., Sigró J., Morellón M., Rico E., Valero-Garcés B.L.

Recent evolution of Lake Arreo, northern Spain: influences of land use change and climate

J Paleolimnology v46 p469-485 (2011) DOI 10.1007/s10933-010-9492-7

[\[Link\]](#)

SR-11-09 Antoniades D., Francus P., Pienitz R., St-Onge G., Vincent W.F.

Holocene dynamics of the Arctic's largest ice shelf

PNAS 1106378108 (2011)

[\[Link\]](#)

SR-11-10 Brendryen J., Hafliðason H., Sejrup H.P.

Non-synchronous deposition of North Atlantic Ash Zone II in Greenland ice cores, and North Atlantic and Norwegian Sea sediments: an example of complex glacial-stage tephra transport

J of Quaternary Science v26 n7 p739-745 (2011) ISSN 0267-8179. DOI: 10.1002/jqs.1499

[\[Link\]](#)

SR-11-11 López-Merino L., Moreno A., Leira M., Sigró J., González-Sampériz P., Valero-Garcés B.L., López-Sáez J.A., Brunet M., Aguilar E.

Two hundred years of environmental change in Picos de Europa National Park inferred from sediments of Lago Enol, northern Iberia

J of Paleolimnology v46 p453-467 (2011) DOI 10.1007/s10933-011-9546-5

[\[Link\]](#)

SR-11-12 Balascio N.L. Zhang Z., Bradley R.S., Perren B., Dahl S.O., Bakke J.

A multi-proxy approach to assessing isolation basin stratigraphy from the Lofoten Islands, Norway

Quaternary Research v75 p288-300 (2011)

[\[Link\]](#)

SR-11-13 Vasskog K., Nesje A., Nagel Støren E., Waldmann N., Chapron E., Ariztegui D.

A Holocene record of snow-avalanche and flood activity reconstructed from a lacustrine sedimentary sequence in Oldevatnet, western Norway

The Holocene v21 n4 p597-614 (2011) DOI: 10.1177/0959683610391316

[\[Link\]](#)

SR-11-14 Burnett A.P., Soreghan M.J., Scholz C.A., Brown E.T.

Tropical East African climate change and its relation to global climate: A record from Lake Tanganyika, Tropical East Africa, over the past 90+ kyr

Palaeogeography, Palaeoclimatology, Palaeoecology v303 p155-196 (2011)

[\[Link\]](#)

SR-11-15 Giguët-Covex C., Arnaud F., Poulenard J., Disnar J.-R., Delhon C., Francus P., David F., Enters D., Rey P.-J., Delannoy J.-J.

Changes in erosion patterns during the Holocene in a currently treeless subalpine catchment inferred from lake sediment geochemistry (Lake Anterne, 2063 m a.s.l., NW French Alps): The role of climate and human activities
The Holocene v21 n4 p651-665 (2011) DOI: 10.1177/0959683610391320

[\[Link\]](#)**SR-11-16 Larsen N.K., Kjær K.H., Olsen J., Funder S., Kjeldsen K.K., Nørgaard-Pedersen N.**

Restricted impact of Holocene climate variations on the southern Greenland Ice Sheet
Quaternary Science Reviews v30 p3171-3180 (2011)

[\[Link\]](#)**SR-11-17 Marshall M.H., Lamb H.F., Huws D., Davies S.J., Bates R., Bloemendal J., Boyle J., Leng M.J., Umer M., Bryant C.**

Late Pleistocene and Holocene drought events at Lake Tana, the source of the Blue Nile
Global and Planetary Change v78 p147-161 (2011)

[\[Link\]](#)**SR-11-18 Agnew K., Cundy A.B., Hopkinson L., Croudace I.W., Warwick P.E., Purdie P.**

Electrokinetic remediation of plutonium-contaminated nuclear site wastes: results from a pilot-scale on-site trial
J of Hazardous Materials v186 p1405-1414 (2011)

[\[Link\]](#) [\[Link2\]](#)**SR-11-19 Balascio N.L., Zhang Z., Bradley R.S., Perren B., Dahl S.O., Bakke J.**

A multi-proxy approach to assessing isolation basin stratigraphy from the Lofoten Islands, Norway
Quaternary Research v75 p288-300 (2011)

[\[Link\]](#)**SR-11-20 Brown E.T.**

Lake Malawi's response to "megadrought" terminations: Sedimentary records of flooding, weathering and erosion
Palaeogeography, Palaeoclimatology, Palaeoecology v303 p120-125 (2011)

[\[Link\]](#)**SR-11-21 MacLeod A., Palmer A., Lowe J., Rose J., Bryant C., Merritt J.**

Timing of glacier response to Younger Dryas climatic cooling in Scotland
Global and Planetary Change v79 p264-274 (2011)

[\[Link\]](#)**SR-11-22 Scholz C.A., Talbot M.R., Brown E.T., Lyons R.P.**

Lithostratigraphy, physical properties and organic matter variability in Lake Malawi Drillcore sediments over the past 145,000 years
Palaeogeography, Palaeoclimatology, Palaeoecology v303 p38-50 (2011)

[\[Link\]](#)**SR-11-23 Ohlendorf C., Gebhardt C., Hahn A., Kliem P., Zolitschka B., the PASADO science team.**

The PASADO core processing strategy — A proposed new protocol for sediment core treatment in multidisciplinary lake drilling projects
Sedimentary Geology v239 p104-115 (2011)

[\[Link\]](#)**SR-11-24 Langdon P.G., Caseldine C.J., Croudace I.W., Jarvis S., Wastegård S., Crawford T.C.**

A chironomid-based reconstruction of summer temperatures in NW Iceland since AD 1650
Quaternary Research v75 p451-460 (2011)

[\[Link\]](#)**SR-11-25 Andrade A., Rubio B., Rey D., Álvarez-Iglesias P., Bernabeu A. M., Vilas F.**

Palaeoclimatic changes in the NW Iberian Peninsula during the last 3000 years inferred from diagenetic proxies in the Ría de Muros sedimentary record
CLIMATE RESEARCH v48 p247-259 (2011)

[\[Link\]](#)**SR-11-26 Fawcett P.J., Werner J.P., Anderson R.S., Heikoop J.M., Brown E.T., Berke M.A., Smith S.J., Goff F., Donohoo-Hurley L., Cisneros-Dozal L.M., Schouten S., Sinninghe Damsté J.S., Huang Y., Toney J., Fessenden J., WoldeGabriel G., Atudorei V., Geissman J.W., Allen C.D.**

Extended megadroughts in the southwestern United States during Pleistocene interglacials
Nature v470 p518-521 (2011)

[\[Link\]](#)**SR-11-27 Guyard H., St-Onge G., Pienitz R., Francus P., Zolitschka B., Clarke G.K.C., Hausmann S., Salonen V.-P., Lajeunesse P., Ledoux G., Lamothe M.**

New insights into Late Pleistocene glacial and postglacial history of northernmost Ungava (Canada) from Pingualuit Crater Lake sediments
Quaternary Science Reviews v30 p3892-3907 (2011)

[\[Link\]](#)**SR-11-28 Johnson T.C., Brown E.T., Shi J.**

Biogenic silica deposition in Lake Malawi, East Africa over the past 150,000 years
Palaeogeography, Palaeoclimatology, Palaeoecology v303 p103-109 (2011)

[\[Link\]](#)

SR-11-29 Hernández A., Bao R., Giralto S., Barker P.A., Leng M.J., Sloane H.J., Sáez A.

Biogeochemical processes controlling oxygen and carbon isotopes of diatom silica in Late Glacial to Holocene lacustrine rhythmites

Palaeogeography, Palaeoclimatology, Palaeoecology v299 p413-425 (2011)

[\[Link\]](#)

SR-11-30 Newby P.E., Shuman B.N., Donnelly J.P., MacDonald D.

Repeated century-scale droughts over the past 13,000 yr near the Hudson River watershed, USA

Quaternary Research v75 p523-530 (2011)

[\[Link\]](#)

SR-11-31 Melles M., Brigham-Grette J., Minyuk P., Koeberl C., Andreev A., Cook T., Fedorov G., Gebhardt C., Haltia-Hovi E., Kukkonen M., Nowaczyk N., Schwamborn G., Wennrich V., the El'gygytgyn Scientific Part

The Lake El'gygytgyn Scientific Drilling Project – Conquering Arctic Challenges through Continental Drilling

Scientific Drilling n11 p29-40 (2011)

[\[Link\]](#)

SR-11-33 Cuven S., Francus P., Lamoureux S.

Mid to Late Holocene hydroclimatic and geochemical records from the varved sediments of East Lake, Cape Bounty, Canadian High Arctic

Quaternary Science Reviews v30 p2651-2665 (2011)

[\[Link\]](#)

SR-11-34 Bouchard F., Francus P., Pienitz R., Laurion I.

Sedimentology and geochemistry of thermokarst ponds in discontinuous permafrost, subarctic Quebec, Canada

J of Geophysical Research v116 n1 p1-14 (2011)

[\[Link\]](#)

SR-11-35 Scholz C.A., Cohen A.S., Johnson T.C., King J., Talbot M.R., Brown E.T.

Scientific drilling in the Great Rift Valley: The 2005 Lake Malawi Scientific Drilling Project — An overview of the past 145,000 years of climate variability in Southern Hemisphere East Africa

Palaeogeography, Palaeoclimatology, Palaeoecology v303 p3-19 (2011)

[\[Link\]](#)

SR-11-36x Fittschen U.E.A., Falkenberg G.

Trends in environmental science using microscopic X-ray fluorescence

Spectrochimica Acta Part B v66 p567-580 (2011)

[\[Link\]](#)

SR-11-37 Roberts A.P., Rohling E.J., Grant K.M., Larrasoaña J.C., Liu Q.

Atmospheric dust variability from Arabia and China over the last 500,000 years

Quaternary Science Reviews v30 p3537-3541 (2011)

[\[Link\]](#)

SR-11-38 Moreno A., López-Merino L., Leira M., Marco-Barba J., González-Sampériz P., Valero-Garcés B.L., López-Sáez J.A. Santos L., Mata P., Ito E.

Revealing the last 13,500 years of environmental history from the multiproxy record of a mountain lake (Lago Enol, northern Iberian Peninsula)

J of Paleolimnology v46 p327-327 (2011)

[\[Link\]](#)

SR-11-39 Abbott P.M., Davies S.M., Austin W.E.N., Pearce N.J.G., Hibbert F.D.

Identification of cryptotephra horizons in a North East Atlantic marine record spanning marine isotope stages 4 and 5a (~60,000-82,000 a b2k)

Quaternary International v246 p177-189 (2011)

[\[Link\]](#)

SR-11-40 Hansen L., L'Heureux J.S., Longva O.

Turbiditic, clay-rich event beds in fjord-marine deposits caused by landslides in emerging clay deposits – palaeoenvironmental interpretation and role for submarine mass-wasting

Sedimentology v58 p890-915 (2011)

[\[Link\]](#)

SR-11-41 Smedile A., De Martini P.M., Pantosti D., Bellucci L., Del Carlo P., Gasperini L., Pirrotta C., Polonia A., Boschi E.

Possible tsunami signatures from an integrated study in the Augusta Bay offshore (Eastern Sicily—Italy)

Marine Geology v281 p1-13 (2011)

[\[Link\]](#)

SR-11-42 Batchelor C.L., Dowdeswell J.A., Hogan K.A.

Late Quaternary ice flow and sediment delivery through Hinlopen Trough, Northern Svalbard margin: Submarine landforms and depositional fan

Marine Geology v284 p13-27 (2011)

[\[Link\]](#)

SR-11-43 Balc. N., Vardar N., Yelboga E., Karaguler N.G.

Bacterial community composition of sediments from Artificial Lake Maslak, Istanbul, Turkey

Environmental Monitoring Assessment onLine (2011) DOI 10.1007/s10661-011-2368-0

[\[Link\]](#)

SR-11-44 Giralto S., Rico-Herrero M. T., Vega J. C., Valero-Garcés B. L.

Quantitative climate reconstruction linking meteorological, limnological and XRF core scanner datasets: the Lake Sanabria case study, NW Spain

J of Paleolimnology v46 p487-502 (2011)

[\[Link\]](#)

SR-11-45 Moy C.M., Dunbar R.B., Guilderson T.P., Waldmann N., Mucciarone D.A., Recasens C., Ariztegui D., Austin Jr. J.A., Anselmetti F.S.

A geochemical and sedimentary record of high southern latitude Holocene climate evolution from Lago Fagnano, Tierra del Fuego

Earth and Planetary Science Letters v302 p1-13 (2011)

[\[Link\]](#)

SR-11-46* Lowe.D.J

Tephrochronology and its application: A review

Quaternary Geochronology v6 p107-153 (2011)

[\[Link\]](#)

SR-11-47 Giguet-Covex C., Arnaud F., Poulencard J., Disnar J.-R., Delhon C., Francus P., David F., Enters D., Rey P.-J., Delannoy J.-J.

Changes in erosion patterns during the Holocene in a currently treeless subalpine catchment inferred from lake sediment geochemistry (Lake Anterne, 2063 m a.s.l., NW French Alps): The role of climate and human activities

The Holocene v21 n4 p651-665 (2011)

[\[Link\]](#)

SR-11-48 Wirth S.B., Girardclos S., Rellstab C., Anselmetti F.S.

The sedimentary response to a pioneer geo-engineering project: Tracking the Kander River deviation in the sediments of Lake Thun (Switzerland)

Sedimentology v58 p1737-1761 (2011) doi: 10.1111/j.1365-3091.2011.01237.x

[\[Link\]](#)

SR-11-49 Larsen N.K., Kjær K.H., Olsen J., Funder S., Kjeldsen K.K., Nørgaard-Pedersen N.

Restricted impact of Holocene climate variations on the southern Greenland Ice Sheet

Quaternary Science Reviews, v30 i21–22 p3171-3180 (2011)

[\[Link\]](#)

REFEREED (SEDIMENTS) 2012**SR-12-01 Aarnes I., Bjune A.E., Birks H.H., Balascio N.L., Bakke J., Blaauw M.**

Vegetation responses to rapid climatic changes during the last deglaciation 13,500–8,000 years ago on southwest Andøya, arctic Norway

Veget Hist Archaeobot v21 p17-35 (2012) DOI 10.1007/s00334-011-0320-4

[\[Link\]](#)

SR-12-02 Rodysill J.R., Russell J.M., Bijaksana S., Brown E.T., Safiuddin L.O., Eggermont H.

A paleolimnological record of rainfall and drought from East Java, Indonesia during the last 1,400 years

J of Paleolimnology v47 p125-139 (2012) DOI 10.1007/s10933-011-9564-3

[\[Link\]](#)

SR-12-03 Hubert-Ferrari A., Avsar U., El Ouahbi M., Lepoint G., Fagel N.

Paleoseismic record obtained by coring a lacustrine sag-pond along the North Anatolian Fault (Turkey)

Annals of Geophysics (2012)

[\[Link\]](#)

SR-12-04 Giguët-Covex C., Arnaud F., Enters D., Poulenard J., Millet L., Francus P., David F., Rey P.-J., Wilhelm B., Delannoy J.-J.

Frequency and intensity of high-altitude floods over the last 3.5 ka in northwestern French Alps (Lake Anterne)

Quaternary Research v77 p12–22 (2012)

[\[Link\]](#)

SR-12-05 Vasskog K., Paasche Ø., Nesje A., Boyle J.F., Birks H.J.B.

A new approach for reconstructing glacier variability based on lake sediments recording input from more than one glacier

Quaternary Research v77 p192–204 (2012)

[\[Link\]](#)

SR-12-06 Matthews N.E., Smith V.C., Costa A., Durant A.J., Pyle D.M., Pearce N.J.G.

Ultra-distal tephra deposits from super-eruptions: Examples from Toba, Indonesia and Taupo Volcanic Zone, New Zealand

Quaternary International 258 p54-79 (2012)

[\[Link\]](#)

SR-12-07 Liang L., Sun Y., Yao Z., Liu Y., Wu F.

Evaluation of high-resolution elemental analyses of Chinese loess deposits measured by X-ray fluorescence core scanner

Catena v92 p75–82 (2012)

[\[Link\]](#)

SR-12-08 Kasper T., Habertzettl T., Doberschütz S., Daut G., Wang J., Zhu L., Nowaczyk N., Mäusbacher R.

Indian Ocean Summer Monsoon (IOSM)-dynamics within the past 4 ka recorded in the sediments of Lake Nam Co, central Tibetan Plateau (China)

Quaternary Science Reviews v39 p73-85 (2012)

[\[Link\]](#)

SR-12-09 Gill J.L., Williams J.W., Jackson S.T., Donnelly J.P., Schellinger G.C.

Climatic and megaherbivory controls on late-glacial vegetation dynamics: a new, high-resolution, multi-proxy record from Silver Lake, Ohio

Quaternary Science Reviews v34 p66-80 (2012)

[\[Link\]](#)

SR-12-10 Matthews N.E., Smith V.C., Costa A., Durant A.D., Pyle D.M., Pearce N.J.G.

Ultra-distal tephra deposits from super-eruptions: Examples from Toba, Indonesia and Taupo Volcanic Zone, New Zealand

Quaternary International v258 p54-79 (2012)

[\[Link\]](#)

SR-12-11 Ojala A.E.K., Francus P., Zolitschka B., Besonen M., Lamoureux S.F.

Characteristics of sedimentary varve chronologies - A review

Quaternary Science Reviews v43 p45-60 (2012)

[\[Link\]](#)

SR-12-12 Wilhelm B., Arnaud F., Sabatier P., Crouzet C., Brisset E., Chaumillon E., Disnar J.-R., Guiter F., Malet E., Reyss J.-L., Tachikawa K., Bard E.d., Delannoy J.-J.

1400 yr of extreme precipitation patterns over the Mediterranean French Alps and possible forcing mechanisms

Quaternary Research 78 P1–12 (2012)

[\[Link\]](#)

SR-12-13 Wagner B., Aufgebauer A., Vogel H., Zanchetta G., Sulpizio R., Magret Damaschke M.

Late Pleistocene and Holocene contourite drift in Lake Prespa (Albania/F.Y.R. of Macedonia/Greece)

Quaternary International 1-10 (2012)

[\[Link\]](#)

SR-12-14 May S.M., Vött A., Brückner H., Grapmayer R., Handl M., Wennrich V.

The Lefkada barrier and beachrock system (NW Greece) — Controls on coastal evolution and the significance of extreme wave events

Geomorphology v139–140 p330–347 (2012)

[\[Link\]](#)

SR-12-15 Bennike O., Wagner B.

Deglaciation chronology, sea-level changes and environmental changes from Holocene lake sediments of Germania Havn SØ, Sabine Ø, northeast Greenland
Quaternary Research xxx xxx–xxx (2012) [\[Link\]](#)

SR-12-16 Aufgebauer A., Panagiotopoulos K., Wagner B., Schaebitz F., A. Viehberg F.A., Vogel H., Zanchetta G., Sulpizio R., Leng M.J., Damaschke M.

Climate and environmental change in the Balkans over the last 17 ka recorded in sediments from Lake Prespa (Albania/F.Y.R. of Macedonia/Greece)
Quaternary International xxx (2012) 1-14 (2012) [\[Link\]](#)

SR-12-17 Georgiopoulou A., Benetti S., Shannon P.M., Houghton P.D.W., McCarron S.

Gravity Flow Deposits in the Deep Rockall Trough, Northeast Atlantic
Chapter 62 (2012) [\[Link\]](#)

SR-12-18 Pompeani D.P., Steinman B.A., Abbott M.B.

A sedimentary and geochemical record of water-level changes from Rantin Lake, Yukon, Canada
J Paleolimnol v48 no1 p147-158 (2012), DOI 10.1007/s10933-012-9602-9 [\[Link\]](#)

SR-12-19 Camill P., Umbanhowar Jr. C.E., Geiss C., Hobbs W.O., Edlund M.B., Cook Shinneman A., Dorale J.A., Lynch J.

Holocene climate change and landscape development from a low-Arctic tundra lake in the western Hudson Bay region of Manitoba, Canada
J Paleolimnol v48 no1 p175-192 (2012), DOI 10.1007/s10933-012-9619-0 [\[Link\]](#)

SR-12-20 Croudace I.W., Warwick P.E., Morris J.E.

Evidence for the Preservation of Technogenic Tritiated Organic Compounds in an Estuarine Sedimentary Environment
Environ. Sci. Technol. XXXX, XXX, XXX–XXX (2012), dx.doi.org/10.1021/es204247f [\[Link\]](#)

SR-12-21 Vasskog K., Waldmann N., Nesje A., Chapron E., Ariztegui D.

New insight into the ~8100 cal yr BP catastrophic Storegga tsunami event from western Norway
(2012) [\[Link\]](#)

SR-12-22 .[\[Link\]](#)**SR-12-23 Löwemark L.**

Ethological analysis of the trace fossil Zoophycos: hints from the Arctic Ocean
Lethaia 45 (2012) p290-298 DOI 10.1111/j.1502-3931.2011.00282.x [\[Link\]](#)

SR-12-24 Wilhelm B., Arnaud F., Enters D., Allignol F., Legaz A., Magand O., Revillon S., Giguët-Covex C., Malet E.

Does global warming favour the occurrence of extreme floods in European Alps? First evidences from a NWAlps proglacial lake sediment record
Climatic Change (2012) 113: p563–581 DOI 10.1007/s10584-011-0376-2 [\[Link\]](#)

SR-12-25 Balcı N., Vardar N., Yelboga E., Karaguler N.G..

Bacterial community composition of sediments from Artificial Lake Maslak, Istanbul, Turkey
Environ Monit Assess (2012) 184: p5641–5650 DOI 10.1007/s10661-011-2368-0 [\[Link\]](#)

SR-12-26 Balascio N.L., Bradley R.S.

Evaluating Holocene climate change in northern Norway using sediment records from two contrasting lake systems
J Paleolimnol (2012) 48 p259–273 DOI 10.1007/s10933-012-9604-7 [\[Link\]](#)

SR-12-27 Anderson N. J., Liversidge A. C., McGowan S., Jones M. D.

Lake and catchment response to Holocene environmental change: spatial variability along a climate gradient in southwest Greenland
J Paleolimnol (2012) 48 p209–222 DOI 10.1007/s10933-012-9616-3 [\[Link\]](#)

SR-12-28 Kleeberg A., Köhler A., Hupfer M.

How effectively does a single or continuous iron supply affect the phosphorus budget of aerated lakes?
J Soils Sediments (2012) 12 p1593–1603 DOI 10.1007/s11368-012-0590-1 [\[Link\]](#)

SR-12-29 Wagner B., Francke A., Sulpizio R., Zanchetta G., Lindhorst K., Krastel S., Vogel H., Rethemeyer J., Daut G., Grazhdani A., Lushaj B., Trajanovski S.

Possible earthquake trigger for 6th century mass wasting deposit at Lake Ohrid (Macedonia/Albania)
Clim. Past, 8, 2069–2078, 2012 doi:10.5194/cp-8-2069-2012 [\[Link\]](#)

SR-12-30 **Brisset E., Guiter F., Miramont C., Delhon C., Arnaud F., Disnar J.-R., Poulenard J., Anthony E., Meunier J.-D., Wilhelm B., Pailles C.**

Approche Multidisciplinaire d'une Séquence Lacustre Holocène dans les Alpes du Sud au Lac Petit (Mercantour, alt. 2 200 m, France) : Histoire d'une Géosystème Dégradé

Quaternaire, 23, (4), 2012, p. 309-319

[\[Link\]](#)

SR-12-31 **Bertrand S., Hughen K.A., Lamy F., Stuut J.-B.W., Torrejón F., Lange C.B.**

Precipitation as the main driver of Neoglacial fluctuations of Gualas glacier, Northern Patagonian Icefield

Clim. Past, 8, p1–16, 2012 doi:10.5194/cp-8-1-2012

[\[Link\]](#)

SR-12-32 .

[\[Link\]](#)

SR-12-33 **Álvarez-Iglesias P., Rubio B.**

Trace Metals in Shallow Marine Sediments from the Ría de Vigo: Sources, Pollution, Speciation and Early Diagenesis Earth and Planetary Sciences » Geology and Geophysics » "Geochemistry - Earth's System Processes",

ISBN 978-953-51-0586-2

[\[Link\]](#)

SR-12-34 **Limmer D.R., Köhler C.M., Hillier S., Moreton S.G., Tabrez A.R., Clift P.D.**

Chemical weathering and provenance evolution of Holocene–Recent sediments from the Western Indus Shelf, Northern Arabian Sea inferred from physical and mineralogical properties

Marine Geology 326–328 (2012) p101–115

[\[Link\]](#)

SR-12-35 **Striberger J., Björck S., Holmgren S., Hamerlík L.**

The sediments of Lake Lögurinn e A unique proxy record of Holocene glacial meltwater variability in eastern Iceland

Quaternary Science Reviews 38 (2012) p76-88

[\[Link\]](#)

SR-12-36 **Hodell D.A., Turchyn A.V., Wiseman C.J., Escobar J., Curtis J.H., Brenner M., Gilli A., Mueller A.D., Anselmetti F., Ariztegui D., Brown E.T.**

Late Glacial temperature and precipitation changes in the lowland Neotropics by tandem measurement of $\delta^{18}\text{O}$ in biogenic carbonate and gypsum hydration water

Geochimica et Cosmochimica Acta 77 (2012) p352–368

[\[Link\]](#)

SR-12-37 **Löwemark L., O'Regan M., Hanebuth T.J.J., Jakobsson M.**

Late Quaternary spatial and temporal variability in Arctic deep-sea bioturbation and its relation to Mn cycles

Palaeogeography, Palaeoclimatology, Palaeoecology 365-366 (2012) p192–208

[\[Link\]](#)

SR-12-38 **Jorgensen S.L., Hannisdal B., Lanzén A., Baumberger T, Flesland K., Fonseca R., Øvreås L., Steen I.H., Thorseth I.H., Pedersen R.B., Schleper C.**

Correlating microbial community profiles with geochemical data in highly stratified sediments from the Arctic Mid-Ocean Ridge

PNAS E2846–E2855 October 1, 2012, doi/10.1073/pnas.1207574109

[\[Link\]](#)

SR-12-39 **Kabel K., Moros M., Porsche C., Neumann T., Adolphi F., Joest Andersen T., Siegel H., Gerth M., Leipe T., Jansen E., Sinninghe Damsté J.S.**

Impact of climate change on the Baltic Sea ecosystem over the past 1,000 years

Nature Climate Change v2 dec 2012 p871-874 DOI: 10.1038/NCLIMATE1595

[\[Link\]](#)

SR-12-40 **Bouchard F., Pienitz R., Ortiz J.D., Francus P., Laurion I.**

Palaeolimnological conditions inferred from fossil diatom assemblages and derivative spectral properties of sediments in thermokarst ponds of subarctic Quebec, Canada

Boreas, 10.1111/bor.12000. p1-21 ISSN 0300-9483.

[\[Link\]](#)

SR-12-41 **Simon Q., St-Onge G., Hillaire-Marcel C.**

Late Quaternary chronostratigraphic framework of deep Baffin Bay glaciomarine sediments from high-resolution paleomagnetic data

Geochemistry Geophysics Geosystems v13 n1 p1-24. Q0AO03, doi:10.1029/2012GC004272 ISSN: 1525-2027

[\[Link\]](#)

SR-12-42 **Zhengquan Y., Yanguang L., Xuefa S., Bong-Chool S.**

Paleoenvironmental changes in the East/Japan Sea during the last 48 ka: indications from high-resolution X-ray fluorescence core scanning

J of Quaternary Science (2012) 27(9) p932–940 ISSN 0267-8179. DOI: 10.1002/jqs.2583

[\[Link\]](#)

SR-12-43 Staff R.A., Nakagawa T., Schlolaut G., Marshall M.H., Brauer A., Lamb H.F, Bronk Ramsey C., L. Bryant C.L., Brock F., Kitagawa H., van der Plicht J., Payne R.L., Smith V.C., Mark D.F., MacLeod A., Blockley S.P.E., Schwenninger J.-L., Tarasov P.E., Haraguchi T., Gotanda K., Yonenobu H., Yokoyama Y., and Suigetsu 2006 project members.

The multiple chronological techniques applied to the Lake Suigetsu SG06 sediment core, central Japan
Boreas, 10.1111/j.1502-3885.2012.00278.x. ISSN 0300-9483.

[\[Link\]](#)

SR-12-44 Gómez-Paccard M., Larrasoña J.C., Giral S., Roberts A.P.

First paleomagnetic results of mid- to late Holocene sediments from Lake Issyk-Kul (Kyrgyzstan): Implications for paleosecular variation in central Asia

Geochemistry Geophysics Geosystems v13 n1 p1-24. Q03019, doi:10.1029/2011GC004015 ISSN: 1525-2027

[\[Link\]](#)

SR-12-45 Kleeberg A. Köhler A., Hupfer M.

How effectively does a single or continuous iron supply affect the phosphorus budget of aerated lakes?

J Soils Sediments (2012) 12 p1593–1603 DOI 10.1007/s11368-012-0590-1

[\[Link\]](#)

SR-12-46 Hoffmann N., Reicherter K., Grützner C., Hürtgen J., Rudersdorf A., Viehberg F.A., Wessels M.

Quaternary coastline evolution of Lake Ohrid (Macedonia/Albania)

Cent. Eur. J. Geosci. 4(1) 2012 p94-110 DOI: 10.2478/s13533-011-0063-x

[\[Link\]](#)

SR-12-47 Marshall M., Schlolaut G., Nakagawa T., Lamb H., Brauer A., Staff R, Bronk Ramsey C., Tarasov P., Gotanda K., Haraguchi T., Yokoyama Y., Yonenobu H., Tada R. and Suigetsu 2006 Project Members.

A novel approach to varve counting using mXRF and X-radiography in combination with thin-section microscopy, applied to the Late Glacial chronology from Lake Suigetsu, Japan

Quaternary Geochronology 13 (2012) p70-80

[\[Link\]](#)

SR-12-48 McGlue M.M, Silva A., Zani H., Corradini F.A., Parolin M., Abel E.J., Cohen A.S., Assine M.L., Ellis G.S., Trees M.A., Kuerten S., dos Santos Gradella F., Rasbold G.G.

Lacustrine records of Holocene flood pulse dynamics in the Upper Paraguay River watershed (Pantanal wetlands, Brazil)

Quaternary Research 78 (2012) p285–294

[\[Link\]](#)

SR-12-49 Foerster V., Junginger A., Langkamp O., Gebru T., Asrat A., Umer M., Lamb H.F., Wennrich V., Rethemeyer J., Nowaczyk N., Trauth M.H., Schaebitz F.

Climatic change recorded in the sediments of the Chew Bahir basin, southern Ethiopia, during the last 45,000 years

Quaternary International 274 (2012) p25-37

[\[Link\]](#)

SR-12-50 Roeser P.A., Franz S.O., Litt T., Baris Ülgen U., Hilgers A., Wulf S., Wennrich V., Akçer Ön S., Viehberg F.A., Çagatay M.N., Melles M.

Lithostratigraphic and geochronological framework for the paleoenvironmental reconstruction of the last w36 ka cal BP from a sediment record from Lake Iznik (NW Turkey)

Quaternary International 274 (2012) 73e87

[\[Link\]](#)

SR-12-51 Anderson L.

Rocky Mountain hydroclimate: Holocene variability and the role of insolation, ENSO, and the North American Monsoon

Global and Planetary Change 92–93 (2012) p198–208

[\[Link\]](#)

SR-12-52 Martin-Puertas C., Brauer A., Dulski P., Brademann B.

Testing climateproxy stationarity throughout the Holocene: an example from the varved sediments of Lake Meerfelder Maar (Germany)

Quaternary Science Reviews 58 (2012) p56-65

[\[Link\]](#)

SR-12-53 Corella J.P., Brauer A., Mangili C., Rull V., Vegas-Vilarrúbia T., Morellón M., Valero-Garcés B.L.

The 1.5-ka varved record of Lake Montcortès (southern Pyrenees, NE Spain)

Quaternary Research 78 (2012) p323–332

[\[Link\]](#)

SR-12-54 Cartapanis O., Tachikawa K., Bard E.

Latitudinal variations in intermediate depth ventilation and biological production over northeastern Pacific Oxygen Minimum Zones during the last 60 ka

Quaternary Science Reviews 53 (2012) p24-38

[\[Link\]](#)

SR-12-55 .

[\[Link\]](#)

SR-12-56 Jones A.F, Macklin M.G, Brewer P.A.

A geochemical record of flooding on the upper River Severn, UK, during the last 3750 years
Geomorphology 179 (2012) p89–105

[\[Link\]](#)**SR-12-57 M.N. Çağatay M.N., L. Erel L., L.G. Bellucci L.G., A. Polonia A., L. Gasperini L., K.K. Eriş K.K., Ü. Sancar Ü., D. Biltekin D., G. Uçarkuş G., U.B. Ülgen U.B., E. Damcı.**

Sedimentary earthquake records in the İzmit Gulf, Sea of Marmara, Turkey
Sedimentary Geology 282 (2012) p347–359

[\[Link\]](#)**SR-12-58 Johnson T.C., Van Alstine J.D., Rolfhus K.R., Colman S.M., Wattrus N.J.**

A high resolution study of spatial and temporal variability of natural and anthropogenic compounds in offshore Lake Superior sediments

Journal of Great Lakes Research 38, 4, 2012, p 673–685

[\[Link\]](#)

REFEREED (SEDIMENTS) 2013**SR-13-01 Stevenson C.J., Talling P.J., Wynna R.B., Masson D.G., Hunt J.E., Frenz M., Akhmetzhanov A., Cronin B.T.**

The flows that left no trace: Very large-volume turbidity currents that bypassed sediment through submarine channels without eroding the sea floor

Marine and Petroleum Geology xxx p1-20 Available online 13 February (2012)

[\[Link\]](#)

SR-13-02 Wastegård S., Veres D., Kliem P., Hahn A., Ohlendorf C., Zolitschka B., The PASADO Science Team.

Towards a late Quaternary tephrochronological framework for the southernmost part of South America e the Laguna Potrok Aike tephra record

Quaternary Science Reviews Volume 71, 1 July 2013, Pages 81–90

[\[Link\]](#)

SR-13-03 Kadir Eris K.

Late Pleistocene-Holocene sedimentary records of climate and lake-level changes in Lake Hazar, eastern Anatolia, Turkey

Quaternary International xxx (2012) p1-12

[\[Link\]](#)

SR-13-04 Fortin D., Francus P., Gebhardt A.C., Hahn A., Kliem P., Lisé-Pronovost A., Roychowdhury R., Labrie J., St-Onge G., The PASADO Science Team.

Destructive and non-destructive density determination: method comparison and evaluation from the Laguna Potrok Aike sedimentary record

Quaternary Science Reviews, Volume 71, 1 July 2013, Pages 147-153

[\[Link\]](#)

SR-13-05 Jouve G., Francus P., Lamoureux S., Provencher-Nolet L., Hahn A., Haberzettl T., Fortin D., Nuttin L., The PASADO Science Team.

Microsedimentological characterization using image analysis and μ -XRF as indicators of sedimentary processes and climate changes during Lateglacial at Laguna Potrok Aike, Santa Cruz, Argentina

Quaternary Science Reviews, Volume 71, 1 July 2013, Pages 191-204

[\[Link\]](#)

SR-13-06 Doyen É., Vannièrè B., Berger J.-F., Arnaud F., Tachikawa K., Bard E.

Land-use changes and environmental dynamics in the upper Rhone valley since Neolithic times inferred from sediments in Lac Moras

The Holocene July 2013; vol. 23, 7: pp. 961-973 DOI: 10.1177/0959683612475142

[\[Link\]](#)

SR-13-07 Foulds S.A., Macklin M.G., Brewer P.A.

Agro-industrial alluvium in the Swale catchment, northern England, as an event marker for the Anthropocene

The Holocene 23(4) 587–602 DOI: 10.1177/0959683612465445

[\[Link\]](#)

SR-13-08 Krause T.R., Whitlock C.

Climate and vegetation change during the late-glacial/early-Holocene transition inferred from multiple proxy records from Blacktail Pond, Yellowstone National Park, USA

Quaternary Research, Volume 79, Issue 3, May 2013, Pages 391-402

[\[Link\]](#)

SR-13-09 Kleeberg A., Herzog C., Hupfer M.

Redox sensitivity of iron in phosphorus binding does not impede lake restoration

Water Research, Volume 47, Issue 3, 1 March 2013, Pages 1491-1502

[\[Link\]](#)

SR-13-10 Czymzik M., Brauer A., Dulski P., Plessen B., Naumann R., von Grafenstein U., Scheffler R.

Orbital and solar forcing of shifts in Mid- to Late Holocene flood intensity from varved sediments of pre-alpine Lake Ammersee (southern Germany)

Quaternary Science Reviews 61 (2013) p96-110

[\[Link\]](#)

SR-13-11 Petherick L., Bostock H., Cohen T.J., Fitzsimmons K., Tibby J., Fletcher M.-S., Moss P., Reeves J., Mooney S., Barrows T., Kemp J., Jansenm J., Nanson G., Dosseto A..

Climatic records over the past 30 ka from temperate Australia - a synthesis from the Oz-INTIMATE workgroup

Quaternary Science Reviews xxx (2013) p1-20

[\[Link\]](#)

SR-13-12 Polyak L., Best K.M., Crawford K.A, Council E.A., St-Onge G.

Quaternary history of sea ice in the western Arctic Ocean based on foraminifera

Quaternary Science Reviews, Volume 79, 1 November 2013, Pages 145-156

[\[Link\]](#)

SR-13-13 García-García A., Levey M.D., Watson E.B.

High resolution seismic study of the Holocene infill of the Elkhorn Slough, central California

Continental Shelf Research, Volume 55, 1 March 2013, Pages 108-118

[\[Link\]](#)

SR-13-14 Simonneau A., Doyen E., Chapron E., Millet L., Vanni re B., Di Giovanni C., Bossard N., Tachikawa K., Bard E., Alb ric P., Desmet M., Roux G., Lajeunesse P., Berger J.F., Arnaud F.

Holocene land-use evolution and associated soil erosion in the French Prealps inferred from Lake Paladru sediments and archaeological evidences

Journal of Archaeological Science, Volume 40, Issue 4, April 2013, Pages 1636-1645

[\[Link\]](#)

SR-13-15 Toomey M.R., Curry W.B., Donnelly J.P., van Hengstum P.J.

Reconstructing 7000 years of North Atlantic hurricane variability using deep-sea sediment cores from the western Great Bahama Bank

Paleoceanography Volume 28, Issue 1, pages 31–41, March 2013 DOI: 10.1002/palo.20012

[\[Link\]](#)

SR-13-16 Wilhelm B., Arnaud F., Sabatier P., Magand O., Chapron E., Courp T., Tachikawa K., Fanget B., Malet E., Pignol C., Bard E., Delannoy J. J.

Palaeoflood activity and climate change over the last 1400 years recorded by lake sediments in the north-west European Alps
J of Quaternary Science (2013) 28(2) p189–199 ISSN 0267-8179. DOI: 10.1002/jqs.2609

[\[Link\]](#)

SR-13-17 Francus P., von Suchodoletz H., Dietze M., Donner R.V., Bouchard F., Roy A.-J., Fagot M., Verschuren D., Kr pelin S.

Varved sediments of Lake Yoa (Ounianga Kebir, Chad) reveal progressive drying of the Sahara during the last 6100 years
Sedimentology (2013) 60, 911–934 doi: 10.1111/j.1365-3091.2012.01370.x

[\[Link\]](#)

SR-13-18 Hanslik D., L wemark L., Jakobsson M.

Biogenic and detrital-rich intervals in central Arctic Ocean cores identified using x-ray fluorescence scanning

Polar Research 2013, 32, 18386, http://dx.doi.org/10.3402/polar.v32i0.18386

[\[Link\]](#)

SR-13-19 Gilli A., Anselmetti F.S., Glur L., Wirth S.B.

Lake Sediments as Archives of Recurrence Rates and Intensities of Past Flood Events

Dating Torrential Processes on Fans and Cones, *Advances in Global Change Research 47*, DOI 10.1007/978-94-007-4336-6_15

[\[Link\]](#)

SR-13-20 Chawchai S., Chabangborn A., Kylander M., L wemark L., M rth C.-M., Blaauw M., Klubseang W., Reimer P.J., Fritz S.C., Wohlfarth B.

Lake Kumphawapi - an archive of Holocene palaeoenvironmental and palaeoclimatic changes in northeast Thailand

Quaternary Science Reviews 68 (2013) p59-75

[\[Link\]](#)

SR-13-21 Boyer-Villemaire U., St-Onge G., Bernatchez P., Lajeunesse P., Labrie J.

High-resolution multiproxy records of sedimentological changes induced by dams in the Sept- les area (Gulf of St. Lawrence, Canada)

Marine Geology xxx (2013) xxx–xxx

[\[Link\]](#)

SR-13-22 Mylotte R., Byrne C.M.P., Chang R.R., Dalton C., Hayes M.H.B.

Studies of Humic Substances from Sediments in Galway Bay, Ireland

Functions of Natural Organic Matter in Changing Environment, DOI 10.1007/978-94-007-5634-2_23,

[\[Link\]](#)

SR-13-23 K r sad Kadir Eri .

Late Pleistocene–Holocene sedimentary records of climate and lake-level changes in Lake Hazar, eastern Anatolia, Turkey

Quaternary International, Volume 302, 17 July 2013, Pages 123-134

[\[Link\]](#)

SR-13-24 Jessica R. Rodysill, James M. Russell, Shelley D. Crausbay, Satria Bijaksana, Mathias Vuille, R. Lawrence Edwards, Hai Cheng.

A severe drought during the last millennium in East Java, Indonesia

Quaternary Science Reviews, Volume 80, 15 November 2013, Pages 102-111

[\[Link\]](#)

SR-13-25 Ruth H. Thurstan, Julie P. Hawkins, Lee Raby, Callum M. Roberts.

Oyster (*Ostrea edulis*) extirpation and ecosystem transformation in the Firth of Forth, Scotland

Journal for Nature Conservation, Volume 21, Issue 5, October 2013, Pages 253-261

[\[Link\]](#)

SR-13-26 R. Mylotte, C.M.P. Byrne, R.R. Chang, C. Dalton, and M.H.B Hayes.

Studies of Humic Substances from Sediments in Galway Bay, Ireland

Functions of Natural Organic Matter in Changing Environment, 2013, pp 129-133

[\[Link\]](#)

SR-13-27 Stephen C. Phillips, Joel E. Johnson, Liviu Giosan, Kelly Rose.

Monsoon-influenced variation in productivity and lithogenic sediment flux since 110 ka in the offshore Mahanadi Basin, northern Bay of Bengal

Marine and Petroleum Geology, In Press, Accepted Manuscript, Available online 22 May 2014

[\[Link\]](#)

SR-13-28 Eric Font, Cristina Veiga-Pires, Manuel Pozo, Sílvia Nave, Susana Costas, Francisco Ruiz Muñoz, Manuel Abad, Nuno Simões, Sílvia Duarte, Joaquín Rodríguez-Vidal.

Benchmarks and sediment source(s) of the 1755 Lisbon tsunami deposit at Boca do Rio Estuary
Marine Geology, Volume 343, 1 September 2013, Pages 1-14

[\[Link\]](#)

SR-13-29 Charlotte J. Sparrenbom, Ole Bennike, Daniel Fredh, Linda Randsalu-Wendrup, Dan Zwartz, Karl Ljung, Svante Björck, Kurt Lambeck.

Holocene relative sea-level changes in the inner Bredefjord area, southern Greenland
Quaternary Science Reviews, Volume 69, 1 June 2013, Pages 107-124

[\[Link\]](#)

SR-13-30 Margit H. Simon, Kristina L. Arthur, Ian R. Hall, Frank J.C. Peeters, Benjamin R. Loveday, Stephen Barker, Martin Ziegler, Rainer Zahn.

Millennial-scale Agulhas Current variability and its implications for salt-leakage through the Indian–Atlantic Ocean Gateway
Earth and Planetary Science Letters, Volume 383, 1 December 2013, Pages 101-112

[\[Link\]](#)

SR-13-31 Renguang Zuo.

ITRAX: A potential tool to explore the physical and chemical properties of mineralized rocks in mineral resource exploration
Journal of Geochemical Exploration, Volume 132, September 2013, Pages 149-155

[\[Link\]](#)

SR-13-32 Olga Margalef, Núria Cañellas-Boltà, Sergi Pla-Rabes, Santiago Giral, Juan Jose Pueyo, Hans Joosten, Valentí Rull, Teresa Buchaca, Armand Hernández, Blas L. Valero-Garcés, Ana Moreno, Alberto Sáez.

A 70,000 year multiproxy record of climatic and environmental change from Rano Aroi peatland (Easter Island)
Global and Planetary Change, Volume 108, September 2013, Pages 72-84

[\[Link\]](#)

SR-13-33 Friederike Stock, Anna Pint, Barbara Horejs, Sabine Ladstätter, Helmut Brückner.

In search of the harbours: New evidence of Late Roman and Byzantine harbours of Ephesus
Quaternary International, Volume 312, 29 October 2013, Pages 57-69

[\[Link\]](#)

SR-13-34 M. Pau, Ø. Hammer.

Sediment mapping and long-term monitoring of currents and sediment fluxes in pockmarks in the Oslofjord, Norway
Marine Geology, Volume 346, 1 December 2013, Pages 262-273

[\[Link\]](#)

SR-13-35 Heleen Vanneste, Rachael H. James, Boris A. Kelly-Gerreyn, Rachel A. Mills.

Authigenic barite records of methane seepage at the Carlos Ribeiro mud volcano (Gulf of Cadiz).
Chemical Geology, Volume 354, 16 September 2013, Pages 42-54

[\[Link\]](#)

SR-13-36 Jostein Bakke, Mathias Trachsel, Bjørn Christian Kvisvik, Atle Nesje, Astrid Lyså.

Numerical analyses of a multi-proxy data set from a distal glacier-fed lake, Sørsendalsvatn, western Norway
Quaternary Science Reviews, Volume 73, 1 August 2013, Pages 182-195

[\[Link\]](#)

SR-13-37 Josefina Lenz, Michael Fritz, Lutz Schirrmeister, Hugues Lantuit, Matthew J. Wooller, Wayne H. Pollard, Sebastian Wetterich.

Periglacial landscape dynamics in the western Canadian Arctic: Results from a thermokarst lake record on a push moraine (Herschel Island, Yukon Territory)

Palaeogeography, Palaeoclimatology, Palaeoecology, Volumes 381–382, July 2013, Pages 15-25

[\[Link\]](#)

SR-13-38 Markus Czymzik, Achim Brauer, Peter Dulski, Birgit Plessen, Rudolf Naumann, Ulrich von Grafenstein, Raphael Scheffler.

Orbital and solar forcing of shifts in Mid- to Late Holocene flood intensity from varved sediments of pre-alpine Lake Ammersee (southern Germany)

Quaternary Science Reviews, Volume 61, 1 February 2013, Pages 96-110

[\[Link\]](#)

SR-13-39 Ursule Boyer-Villemaire, Guillaume St-Onge, Pascal Bernatchez, Patrick Lajeunesse, Jacques Labrie.

High-resolution multiproxy records of sedimentological changes induced by dams in the Sept-Îles area (Gulf of St. Lawrence, Canada)

Marine Geology, Volume 338, 1 April 2013, Pages 17-29

[\[Link\]](#)

SR-13-40 James E. Hunt, Russell B. Wynn, P.J. Talling, D.G. Masson.

Frequency and timing of landslide-triggered turbidity currents within the Agadir Basin, offshore NW Africa: Are there associations with climate change, sea level change and slope sedimentation rates?

Marine Geology, Volume 346, 1 December 2013, Pages 274-291

[\[Link\]](#)

SR-13-41 Nathan D. Stansell, Donald T. Rodbell, Mark B. Abbott, Bryan G. Mark.

Proglacial lake sediment records of Holocene climate change in the western Cordillera of Peru
Quaternary Science Reviews, Volume 70, 15 June 2013, Pages 1-14

[\[Link\]](#)

SR-13-42 Ingrid L. Hendy, Larianna Dunn, Arndt Schimmelmann.

The timing of multi-decadal drought signals recorded in the elemental composition of Santa Barbara Basin sediments
Quaternary International, Volume 310, 15 October 2013, Page 233

[\[Link\]](#)**SR-13-43 Juan Pablo Corella, Vania Stefanova, Adel El Anjoumi, Eugenio Rico, Santiago Giralt, Ana Moreno, Alberto Plata-Montero, Blas L. Valero-Garcés.**

A 2500-year multi-proxy reconstruction of climate change and human activities in northern Spain: The Lake Arreo record
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 386, 15 September 2013, Pages 555-568

[\[Link\]](#)**SR-13-44 A. Pérez-Sanz, P. González-Sampériz, A. Moreno, B. Valero-Garcés, G. Gil-Romera, M. Rieradevall, P. Tarrats, L. Lasheras-Álvarez, M. Morellón, A. Belmonte, C. Sancho, M. Sevilla-Callejo, A. Navas.**

Holocene climate variability, vegetation dynamics and fire regime in the central Pyrenees: the Basa de la Mora sequence (NE Spain)

Quaternary Science Reviews, Volume 73, 1 August 2013, Pages 149-169

[\[Link\]](#)**SR-13-45 Emily A. Carruthers, D. Philip Lane, Rob L. Evans, Jeffrey P. Donnelly, Andrew D. Ashton.**

Quantifying overwash flux in barrier systems: An example from Martha's Vineyard, Massachusetts, USA

Marine Geology, Volume 343, 1 September 2013, Pages 15-28

[\[Link\]](#)**SR-13-46 Sabine Wulf, Florian Ott, Michał Słowiński, Agnieszka M. Noryśkiewicz, Nadine Dräger, Celia Martin-Puertas, Markus Czymzik, Ina Neugebauer, Peter Dulski, Anna J. Bourne, Mirosław Błaszczewicz, Achim Brauer.**

Tracing the Laacher See Tephra in the varved sediment record of the Trzechowskie palaeolake in central Northern Poland

Quaternary Science Reviews, Volume 76, 15 September 2013, Pages 129-139

[\[Link\]](#)**SR-13-47 B. Zolitschka, F. Anselmetti, D. Ariztegui, H. Corbella, P. Francus, A. Lücke, N.I. Maidana, C. Ohlendorf, F. Schäbitz, S. Wastegård.**

Environment and climate of the last 51,000 years – new insights from the Potrok Aike maar lake Sediment Archive Drilling project (PASADO)

Quaternary Science Reviews, Volume 71, 1 July 2013, Pages 1-12

[\[Link\]](#)**SR-13-48 S. Chawchai, A. Chabangborn, M. Kylander, L. Löwemark, C.-M. Mörth, M. Blaauw, W. Klubseang, P.J. Reimer, S.C. Fritz, B. Wohlfarth.**

Lake Kumphawapi – an archive of Holocene palaeoenvironmental and palaeoclimatic changes in northeast Thailand

Quaternary Science Reviews, Volume 68, 15 May 2013, Pages 59-75

[\[Link\]](#)**SR-13-49 Virgínia A. Martins, João A. Dias, Cristina Bernardes, Belén Rubio, Ana Bernabeu, Daniel Rey, António M. Soares, Frederico Sobrinho, Lázaro M. Laut, Fabrizio Frontalini, Denise Terroso, Paulo Miranda, Sandra Fernández-Fernández, Maria Antonieta Rodrigues, Rubens Figueira, Sílvia Sousa, Paula Amaral, Michel Mahiques, Fernando Rocha.**

The ITRAX core scanner, a useful tool to distinguish anthropic vs. climatic influences in lagoon of Aveiro (N Portugal)

Journal of Coastal Research, Special Issue No. 65, 2013 p70-75

[\[Link\]](#)**SR-13-50 Isabel Rodríguez-Germade, Belén Rubio, Daniel Rey, Federico Vilas, Virgínia Martins, Fernando Rocha.**

Evaluation of data processing techniques for marine sediments analyzed with an Itrax Core Scanner

GEOGACETA, 53, 2013 p85-88

[\[Link\]](#)**SR-13-51 Michael J. Burn, Suzanne E. Palmer.**

Solar forcing of Caribbean drought events during the last millennium

JOURNAL OF QUATERNARY SCIENCE (2013) ISSN 0267-8179. DOI: 10.1002/jqs.2660

[\[Link\]](#)**SR-13-52 Hervé Guyard, Emmanuel Chapron, Guillaume St-Onge, Jacques Labrie.**

Late-Holocene NAO and oceanic forcing on high-altitude proglacial sedimentation (Lake Bramant, Western French Alps)

The Holocene 23(8) p1163-1172

[\[Link\]](#)**SR-13-53 Martin Ziegler^{1,w}, Margit H. Simon¹, Ian R. Hall¹, Stephen Barker¹, Chris Stringer² & Rainer Zahn.**

Development of Middle Stone Age innovation linked to rapid climate change

Nature Communications 4, Article number: 1905 doi:10.1038/ncomms2897

[\[Link\]](#)**SR-13-54 Élise Doyen, Boris Vannièrè, Jean-François Berger, Fabien Arnaud, Kazuyo Tachikawa, Edouard Bard.**

Land-use changes and environmental dynamics in the upper Rhone valley since Neolithic times inferred from sediments in Lac Moras

The Holocene July 2013 vol. 23 no. 7 961-973

[\[Link\]](#)**SR-13-55 Ulrike Kienel, Peter Dulski, Florian Ott, Sebastian Lorenz, Achim Brauer.**

Recently induced anoxia leading to the preservation of seasonal laminae in two NE-German lakes

Journal of Paleolimnology December 2013, Volume 50, Issue 4, pp 535-544

[\[Link\]](#)

SR-13-56 Mark D. Johnson, Malin E. Kylander, Lovise Casserstedt, Hanna Wiborgh, Svante Björck.

Varved glaciomarine clay in central Sweden before and after the Baltic Ice Lake drainage: a further clue to the drainage events at Mt Billingen

GFF Volume 135, Issue 3-4, 2013 Special Issue: Varve Genesis, Chronology and Paleoclimate

[\[Link\]](#)

SR-13-57 Xiuju Liu, Steven M. Colman, Erik T. Brown, Elizabeth C. Minor, Hongyu Li.

Estimation of carbonate, total organic carbon, and biogenic silica content by FTIR and XRF techniques in lacustrine sediments

J Paleolimnol (2013) 50:387–398

[\[Link\]](#)

SR-13-58 Richard A. Staff, Takeshi Nakagawa, Gordon Scholaut, Michael H. Marshall, Achim Brauer, Henry F. Lamb, Christopher Bronk Ramsey, Charlotte L. Bryant, Fiona Brock, Hiroyuki Kitagawa, Johannes van der Plicht, Rebecca L. Payne, Victoria C. Smith, Darren F. Mark, Alison Macleod, Simon P. E. Blockley, Jean-Luc Schwenninger, Pavel E. Tarasov, Tsuyoshi Haraguchi, Katsuya Gotanda, Hitoshi Yonenobu, Yusuke Yokoyama and Suigetsu 2006 Project Members.

The multiple chronological techniques applied to the Lake Suigetsu SG06 sediment core, central Japan

Boreas Volume 42, Issue 2, pages 259–266, April 2013

[\[Link\]](#)

SR-13-59 Hugh A. Wolgamot, Wei Zhang, Evangelia Kiosidou, Sung-hee Kim, Musa Bashir.

Considerations for Seabed Rare Earth Mining in the Pacific

ASME 2013 32nd International Conference on Ocean, Offshore and Arctic Engineering, Volume 3: Materials Technology; Ocean Space Utilization, Nantes, France, June 9–14, 2013, ISBN: 978-0-7918-5535-5

[\[Link\]](#)

SR-13-60 Kinuyo Kanamarua, Pierre Francusbc, Roger Françoisd, Mark Besonene, Carlo Laj.

New insight into Saanich Inlet varved sediments (British Columbia, Canada) from micro-scale analysis of sedimentary facies and micro-XRF core scanning analyses

GFF Volume 135, Issue 3-4, 2013, Special Issue: Varve Genesis, Chronology and Paleoclimate

[\[Link\]](#)

SR-13-61 PETER M. ABBOTT, WILLIAM E. N. AUSTIN, SIWAN M. DAVIES, NICHOLAS J. G. PEARCE, FIONA D. HIBBERT.

Cryptotephrochronology of the Eemian and the last interglacial–glacial transition in the North East Atlantic

JOURNAL OF QUATERNARY SCIENCE (2013) 28(5) 501–514

[\[Link\]](#)

SR-13-62 ZHOU Xin, SUN Liguang, LIU Yi, WANG Yuhong.

Potential Applications of X-ray Fluorescence Core Scanner in Elemental Analyses of the Muddy Sediments on the Coastal Shelves of China and in Ecological Study

J. Ocean Univ. China (Oceanic and Coastal Sea Research) 2013 12 (4): 619-623

[\[Link\]](#)

SR-13-63 Sharon M. O'Rourke, Jonathan N. Turner, Nicholas M. Holden.

Estimating Fine Resolution Carbon Concentration in an Intact Soil Profile by X-Ray Fluorescence Scanning (Book)

Soil Carbon, Progress in Soil Science 2014, pp 179-187

[\[Link\]](#)

SR-13-64 Malin E. Kylander, Jonatan Klaminder, Barbara Wohlfarth, Ludvig Löwemark.

Geochemical responses to paleoclimatic changes in southern Sweden since the late glacial: the Hässeldala Port lake sediment record

Journal of Paleolimnology, June 2013, Volume 50, Issue 1, pp 57-70

[\[Link\]](#)

SR-13-65 Anaëlle Simonneau, Emmanuel Chapron, Thierry Courp, Kazuyo Tachikawa, Gaël Le Roux, Sandrine Baron, Didier Galop, Marta Garcia, Christian Di Giovanni, Mikael Motellica-Heino, Florence Mazier, Anthony Foucher, Thomas Houet, Marc Desmet, Edouard Bard.

Recent climatic and anthropogenic imprints on lacustrine systems in the Pyrenean Mountains inferred from minerogenic and organic clastic supply (Vicdessos valley, Pyrenees, France)

The Holocene December 2013 vol. 23 no. 12 1764-1777

[\[Link\]](#)

SR-13-66 Emanuel Braig, Christoph Mayr, Gerald Kirchner, Andrea Hofmann, Uta Raeder, Arnulf Melzer.

Fifty years of eutrophication and lake restoration reflected in sedimentary carbon and nitrogen isotopes of a small, hardwater lake (south Germany)

J. Limnol., 2013; 72(2): 262-279

[\[Link\]](#)

SR-13-67 Wojciech Tylmann, Bernd Zolitschka, Dirk Enters, Christian Ohlendorf.

Laminated lake sediments in northeast Poland: distribution, preconditions for formation and potential for paleoenvironmental investigation

Journal of Paleolimnology, December 2013, Volume 50, Issue 4, pp 487-503,

[\[Link\]](#)

SR-13-68 Christine M. Brandon, Jonathan D. Woodruff, D. Phil Lane, Jeffrey P. Donnelly.

Tropical cyclone wind speed constraints from resultant storm surge deposition: A 2500 year reconstruction of hurricane activity from St. Marks, FL

Geochemistry, Geophysics, Geosystems, Volume 14, Issue 8, pages 2993–3008, August 2013

[\[Link\]](#)

SR-13-69 Christof Pearce, Marit-Solveig Seidenkrantz, Antoon Kuijpers, Guillaume Massé, Njáll F. Reynisson, Søren M. Kristiansen.

Ocean lead at the termination of the Younger Dryas cold spell

Nature Communications 4, Article number: 1664 doi:10.1038/ncomms2686

[\[Link\]](#)

SR-13-70 Aggeliki Georgiopoulou, Sara Benetti, Patrick M. Shannon, Peter D. W. Haughton, Stephen McCarron.

Gravity Flow Deposits in the Deep Rockall Trough, Northeast Atlantic

Submarine Mass Movements and Their Consequences, Advances in Natural and Technological Hazards Research Volume 31, 2012, pp 695-707

[\[Link\]](#)

SR-13-71 Frédéric Bouchard, Reinhard Pienitz, Joseph D. Ortiz, Pierre Francus, Isabelle Laurion.

Palaeolimnological conditions inferred from fossil diatom assemblages and derivative spectral properties of sediments in thermokarst ponds of subarctic Quebec, Canada

Boreas, Volume 42, Issue 3, pages 575–595, July 2013

[\[Link\]](#)

SR-13-72 Michael R. Toomey, William B. Curry, Jeffrey P. Donnelly, Peter J. van Hengstum.

Reconstructing 7000 years of North Atlantic hurricane variability using deep-sea sediment cores from the western Great Bahama Bank

Paleoceanography, Volume 28, Issue 1, pages 31–41, March 2013

[\[Link\]](#)

SR-13-73 Christian Koeberl, Lidia Pittarello, Wolf Uwe Reimold, Ulli Raschke, Julie Brigham-Grette, Martin Melles, Pavel Minyuk.

El'gygytgyn impact crater, Chukotka, Arctic Russia: Impact cratering aspects of the 2009 ICDP drilling project

Meteoritics & Planetary Science, Special Issue: The 2009 ICDP drilling project at the El'gygytgyn impact structure in Arctic Russia. Volume 48, Issue 7, pages 1108–1129, July 2013

[\[Link\]](#)

SR-13-74 Berit Oline Hjelstuen, Heidi Kjennbakken, Vegard Bleikli, Remi Antoni Ersland, Sigurd Kvilhaug, Christine Euler, Svanhild Alvheim.

Fjord stratigraphy and processes – evidence from the NE Atlantic Fensfjorden system

Journal of Quaternary Science, Volume 28, Issue 4, pages 421–432, May 2013

[\[Link\]](#)

SR-13-75 B. Wilhelm, F. Arnaud, P. Sabatier, O. Magand, E. Chapron, T. Courp, K. Tachikawa, B. Fanget, E. Malet, C. Pignol, E. Bard, J. J. Delannoy.

Palaeoflood activity and climate change over the last 1400 years recorded by lake sediments in the north-west European Alps

Journal of Quaternary Science, Volume 28, Issue 2, pages 189–199, 25/26 February 2013

[\[Link\]](#)

SR-13-76 Engel, Max, S. Matthias May, Peter Frenzel, Anja M. Scheffers, Dieter H. Kellertat, Helmut Brückner.

Holocene tsunamis in the southern Caribbean: Evidence from stratigraphic archives and the coarse-clast record

4th International INQUA Meeting on Paleoseismology, Active Tectonics and Archeoseismology (PATA), 9-14 October 2013, Aachen, Germany

[\[Link\]](#)

SR-13-77 Elodie Brisset, Cécile Miramont, Frédéric Guiter, Edward J Anthony, Kazuyo Tachikawa, Jérôme Poulenard, Fabien Arnaud, Claire Delhon, Jean-Dominique Meunier, Edouard Bard, Franck Suméra.

Non-reversible geosystem destabilisation at 4200 cal. BP: Sedimentological, geochemical and botanical markers of soil erosion recorded in a Mediterranean alpine lake

The Holocene December 2013 vol. 23 no. 12 1863-1874

[\[Link\]](#)

SR-13-78 K. Frühwald, A. Hasenstab and K. Osterloh.

Detection of Incipient Decay of Wood with Non- and Minor-Destructive Testing Methods

Nondestructive Testing of Materials and Structures, RILEM Bookseries Volume 6, 2013, pp 353-358

[\[Link\]](#)

REFEREED (SEDIMENTS) 2014 - 1

SR-14-01 Trevor E. Nace, Paul A. Baker, Gary S. Dwyer, Cleverson G. Silva, Catherine A. Rigsby, Stephen J. Burns, Liviu Giosan, Bette Otto-Bliesner, Zhengyu Liu, Jiang Zhu.

The role of North Brazil Current transport in the paleoclimate of the Brazilian Nordeste margin and paleoceanography of the western tropical Atlantic during the late Quaternary
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 415, 1 December 2014, Pages 3–13 [\[Link\]](#)

SR-14-02 Joseph A. Carlin, Timothy M. Dellapenna.

Event-driven deltaic sedimentation on a low-gradient, low-energy shelf: The Brazos River subaqueous delta, northwestern Gulf of Mexico
Marine Geology, Volume 353, 1 July 2014, Pages 21-30 [\[Link\]](#)

SR-14-03 Daniel N. Schillereff, Richard C. Chiverrell, Neil Macdonald, Janet M. Hooke.

Flood stratigraphies in lake sediments: A review
Earth-Science Reviews, Volume 135, August 2014, Pages 17-37 [\[Link\]](#)

SR-14-04 Kelloway S.J, Colin R. Ward, Christopher E. Marjo, Irene E. Wainwright, David R. Cohen.

Quantitative chemical profiling of coal using core-scanning X-ray fluorescence techniques
International Journal of Coal Geology, Volumes 128–129, 1 August 2014, Pages 55-67 [\[Link\]](#)

SR-14-05 Margarita Jambrina-Enrriquez, Mayte Rico, Ana Moreno, Manel Leira, Patricia Bernárdez, Ricardo Prego, Clemente Recio, Blas L. Valero-Garcés.

Timing of deglaciation and postglacial environmental dynamics in NW Iberia: the Sanabria Lake record
Quaternary Science Reviews, Volume 94, 15 June 2014, Pages 136-158 [\[Link\]](#)

SR-14-06 Dongjie Tang, Xiaoying Shi, Ganqing Jiang.

Sunspot cycles recorded in Mesoproterozoic carbonate biolaminites
Precambrian Research, Volume 248, July 2014, Pages 1-16 [\[Link\]](#)

SR-14-07 John Inge Svendsen, Linn Cecilie Krüger, Jan Mangerud, Valery I. Astakhov, Aage Paus, Dmitry Nazarov, Andrew Murray.

Glacial and vegetation history of the Polar Ural Mountains in northern Russia during the Last Ice Age, Marine Isotope Stages 5–2
Quaternary Science Reviews, Volume 92, 15 May 2014, Pages 409-428 [\[Link\]](#)

SR-14-08 Johannes Kalbe, Steffen Mischke, Peter Dulski, Gonen Sharon.

The Middle Palaeolithic Nahal Mahanayem Outlet site, Israel: reconstructing the environment of Late Pleistocene wetlands in the eastern Mediterranean from ostracods
Journal of Archaeological Science 54 (2015) 385e395 [\[Link\]](#)

SR-14-09 Stephen C. Phillips, Joel E. Johnson, Liviu Giosan, Kelly Rose.

Monsoon-influenced variation in productivity and lithogenic sediment flux since 110 ka in the offshore Mahanadi Basin, northern Bay of Bengal
Marine and Petroleum Geology, Volume 58, Part A, December 2014, Pages 502–525 [\[Link\]](#)

SR-14-10 Marie-Louise S. Goudeau, Anna-Lena Grauel, Chiara Tessarolo, Arne Leider, Liang Chen, Stefano M. Bernasconi, Gerard J.M. Versteegh, Karin A.F. Zonneveld, W. Boer, C.M. Alonso-Hernandez, Gert J. De Lange.

The Glacial–Interglacial transition and Holocene environmental changes in sediments from the Gulf of Taranto, central Mediterranean
Marine Geology, Volume 348, 1 February 2014, Pages 88-102 [\[Link\]](#)

SR-14-11 T. Edward Turner, Graeme T. Swindles, Katherine H. Roucoux.

Late Holocene ecohydrological and carbon dynamics of a UK raised bog: impact of human activity and climate change
Quaternary Science Reviews, Volume 84, 15 January 2014, Pages 65-85 [\[Link\]](#)

SR-14-12 J.M. Richardson, I.C. Fuller, K.A. Holt, N.J. Litchfield, M.G. Macklin.

Rapid post-settlement floodplain accumulation in Northland, New Zealand
CATENA, Volume 113, February 2014, Pages 292-305 [\[Link\]](#)

SR-14-13 Matthew S. Finkenbinder, Mark B. Abbott, Mary E. Edwards, Catherine T. Langdon, Byron A. Steinman, Bruce P. Finney.

A 31,000 year record of paleoenvironmental and lake-level change from Harding Lake, Alaska, USA
Quaternary Science Reviews, Volume 87, 1 March 2014, Pages 98-113 [\[Link\]](#)

SR-14-14 L. Löwemark, C. März, M. O'Regan, R. Gyllencreutz.

Arctic Ocean Mn-stratigraphy: genesis, synthesis and inter-basin correlation
Quaternary Science Reviews, Volume 92, 15 May 2014, Pages 97-111

[\[Link\]](#)**SR-14-15 Cecilia M.G. McHugh, Nicole Braudy, M. Namik Çağatay, Christopher Sorlien, Marie-Helene Cormier, Leonardo Seeber, Pierre Henry.**

Seafloor fault ruptures along the North Anatolia Fault in the Marmara Sea, Turkey: Link with the adjacent basin turbidite record

Marine Geology, Volume 353, 1 July 2014, Pages 65-83

[\[Link\]](#)**SR-14-16 Nathan D. Stansell, Pratigya J. Polissar, Mark B. Abbott, Maximiliano Bezada, Byron A. Steinman, Carsten Braun.**

Proglacial lake sediment records reveal Holocene climate changes in the Venezuelan Andes

Quaternary Science Reviews, Volume 89, 1 April 2014, Pages 44-55

[\[Link\]](#)**SR-14-17 Amy Morrissey, Christopher A. Scholz.**

Paleohydrology of Lake Turkana and its influence on the Nile River system

Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 403, 1 June 2014, Pages 88-100

[\[Link\]](#)**SR-14-18 Helena Alexanderson, Jan Backman, Thomas M. Cronin, Svend Funder, Ólafur Ingólfsson, Martin Jakobsson, Jon Y. Landvik, Ludvig Löwemark, Jan Mangerud, Christian März, Per Möller, Matt O'Regan, Robert F. Spielhagen.**

An Arctic perspective on dating Mid-Late Pleistocene environmental history

Quaternary Science Reviews, Volume 92, 15 May 2014, Pages 9-31

[\[Link\]](#)**SR-14-19 Christoph Mayr, Lorena Rebolledo, Katharina Schulte, Astrid Schuster, Bernd Zolitschka, Günter Försterra, Verena Häussermann.**

Responses of nitrogen and carbon deposition rates in Comau Fjord (42°S, southern Chile) to natural and anthropogenic impacts during the last century

Continental Shelf Research, Volume 78, 15 April 2014, Pages 29-38

[\[Link\]](#)**SR-14-20 Josu Aranbarri, Penélope González-Sampériz, Blas Valero-Garcés, Ana Moreno, Graciela Gil-Romera, Miguel Sevilla-Callejo, Eduardo García-Prieto, Federico Di Rita, M. Pilar Mata, Mario Morellón, Donatella Magri, Julio Rodríguez-Lázaro, José S. Carrión.**

Rapid climatic changes and resilient vegetation during the Lateglacial and Holocene in a continental region of south-western Europe

Global and Planetary Change, Volume 114, March 2014, Pages 50-65

[\[Link\]](#)**SR-14-21 Alba Andrade, Belén Rubio, Daniel Rey, Paula Álvarez-Iglesias, Ana María Bernabeu, Mariaelena Fedi.**

Environmental changes at the inner sector of Ría de Muros (NW Spain) during Middle to Late Holocene

Estuarine, Coastal and Shelf Science, Volume 136, 1 January 2014, Pages 91-101

[\[Link\]](#)**SR-14-22 Gordon Scholout, Achim Brauer, Michael H. Marshall, Takeshi Nakagawa, Richard A. Staff, Christopher Bronk Ramsey, Henry F. Lamb, Charlotte L. Bryant, Rudolf Naumann, Peter Dulski, Fiona Brock, Yusuke Yokoyama, Ryuji Tada, Tsuyoshi Haraguchi, Suigetsu 2006 project members.**

Event layers in the Japanese Lake Suigetsu 'SG06' sediment core: description, interpretation and climatic implications

Quaternary Science Reviews, Volume 83, 1 January 2014, Pages 157-170

[\[Link\]](#)**SR-14-23 Michael-Shawn Fletcher, Brent B. Wolfe, Cathy Whitlock, David P. Pompeani, Hendrik Heijnis, Simon G. Haberle, Patricia S. Gadd, David M. J. S. Bowman.**

The legacy of mid-Holocene fire on a Tasmanian montane landscape

Journal of Biogeography (J. Biogeogr.) (2014) 41, 476-488

[\[Link\]](#)**SR-14-24 Ulaş Avşar, Aurélie Hubert-Ferrari, Marc De Batist, Nathalie Fagel.**

A 3400 year lacustrine paleoseismic record from the North Anatolian Fault, Turkey: Implications for bimodal recurrence behavior

Geophysical Research Letters, Volume 41, Issue 2, pages 377-384, 28 January 2014

[\[Link\]](#)**SR-14-25 Xiuju Liu, Steven M. Colman, Erik T. Brown, Andrew C. G. Henderson, Josef P. Werne, Jonathan A. Holmes.**

Abrupt deglaciation on the northeastern Tibetan Plateau: evidence from Lake Qinghai

Journal of Paleolimnology

February 2014, Volume 51, Issue 2, pp 223-240

[\[Link\]](#)**SR-14-26 Quentin Simon, Claude Hillaire-Marcel, Guillaume St-Onge, John T. Andrews.**

North-eastern Laurentide, western Greenland and southern Inuitian ice stream dynamics during the last glacial cycle

Journal of Quaternary Science, Volume 29, Issue 1, pages 14-26, January 2014

[\[Link\]](#)

SR-14-27 Samuel A. Beal, Meredith A. Kelly, Justin S. Stroup, Brian P. Jackson, Thomas V. Lowell, Pedro M. Tapia.

Natural and anthropogenic variations in atmospheric mercury deposition during the Holocene near Quelccaya Ice Cap, Peru
Global Biogeochemical Cycles, Volume 28, Issue 4, pages 437–450, April 2014 [\[Link\]](#)

SR-14-28 Len Martin, Scott Mooney and James Goff.

Coastal wetlands reveal a non-synchronous island response to sea-level change and a palaeostorm record from 5.5 kyr to present
The Holocene March 3, 2014 0959683614522306 [\[Link\]](#)

SR-14-29 James M. Russell, Hendrik Vogel, Bronw L. Konecky, Satria Bijaksana, Yongsong Huang, Martin Melles, Nigel Wattrus, Kassandra Costa, John W. King.

Glacial forcing of central Indonesian hydroclimate since 60,000 y B.P.
PNAS, April 8, 2014, vol. 111, no. 14, p5100-5105 [\[Link\]](#)

SR-14-30 Bernd Wagner, Ole Bennike.

Holocene environmental change in the Skallingen area, eastern North Greenland, based on a lacustrine record
Boreas Volume 44, Issue 1, January 2015, Pages 45–59 [\[Link\]](#)

SR-14-31 O. Cartapanis, K. Tachikawa, O. E. Romero, E. Bard.

Persistent millennial-scale link between Greenland climate and northern Pacific Oxygen Minimum Zone under interglacial conditions
Clim. Past, 10, 405–418, 2014 [\[Link\]](#)

SR-14-32 Shyhrete Shala, Karin F. Helmens, Krister N. Jansson, Malin E. Kylander, Jan Risberg, Ludvig Löwemark.

Palaeoenvironmental record of glacial lake evolution during the early Holocene at Sokli, NE Finland
Boreas, Volume 43, Issue 2, pages 362–376, April 2014 [\[Link\]](#)

SR-14-33 Annika Berntsson, Gunhild C Rosqvist, Gaute Velle.

Late-Holocene temperature and precipitation changes in Vindelfjällen, mid-western Swedish Lapland, inferred from chironomid and geochemical data
The Holocene January 2014 vol. 24 no. 1 78-92 [\[Link\]](#)

SR-14-34 Peter D. Clift, Liviu Giosan, Timothy J. Henstock, Ali R. Tabrez.

Sediment storage and reworking on the shelf and in the Canyon of the Indus River-Fan System since the last glacial maximum
Basin Research, Special Issue: Deep Water Continental Margins, Volume 26, Issue 1, pages 183–202, February 2014 [\[Link\]](#)

SR-14-35 K. Panagiotopoulos, A. Böhm, M. J. Leng, B. Wagner, F. Schäbitz.

Climate variability over the last 92 ka in SW Balkans from analysis of sediments from Lake Prespa
Clim. Past, 10, 643-660, 2014 [\[Link\]](#)

SR-14-36 Karoline Kabel, Matthias Moros, Christian Porsche, Thomas Neumann, Florian Adolphi, Thorbjørn Joest Andersen, Herbert Siegel, Monika Gerth, Thomas Leipe, Eystein Jansen, Jaap S. Sinninghe Damsté.

Impact of climate change on the Baltic Sea ecosystem over the past 1,000 years
Nature Climate Change 2, 871–874 (2012) doi:10.1038/nclimate1595 [\[Link\]](#)

SR-14-37 Stefan Doberschütz, Peter Frenzel, Torsten Haberzettl, Thomas Kasper, Junbo Wang, Liping Zhu, Gerhard Daut, Antje Schwalb, Roland Mäusbacher.

Monsoonal forcing of Holocene paleoenvironmental change on the central Tibetan Plateau inferred using a sediment record from Lake Nam Co (Xizang, China)
J Paleolimnol (2014) 51:253–266 [\[Link\]](#)

SR-14-38 Atle Nesje, Jostein Bakke, Stephen J. Brooks, Darrell S. Kaufman, Emma Kihlberg, Mathias Trachsel, William J. D'Andrea, John A. Matthews.

Late glacial and Holocene environmental changes inferred from sediments in Lake Myklevatnet, Nordfjord, western Norway
Veget Hist Archaeobot (2014) 23:229–248 [\[Link\]](#)

SR-14-39 Sarah E. Metcalfe, Bronwen S. Whitney, Katharine A. Fitzpatrick, Francis E. Mayle, Neil J. Loader, F. Alayne Street-Perrott, David G. Mann.

Hydrology and climatology at Laguna La Gaiba, lowland Bolivia: complex responses to climatic forcings over the last 25 000 years
Journal of Quaternary Science, Volume 29, Issue 3, pages 289–300, April 2014 [\[Link\]](#)

SR-14-40 Yu Li, Renguang Zuo, Yin Bai, Mingguo Yang.

The relationships between magnetic susceptibility and elemental variations for mineralized rocks
Journal of Geochemical Exploration, Volume 146, November 2014, Pages 17-26 [\[Link\]](#)

SR-14-41 Rodríguez-Germade, B. Rubio, D. Rey.

XRF scanners as a quick screening tool for detecting toxic pollutant elements in sediments from Marín harbour in the Ría de Pontevedra (NW Spain)

Journal of Geochemical Exploration, Volume 146, November 2014, Pages 17-26

[\[Link\]](#)

SR-14-42 Federico Isla, Marcela Espinosa, Belén Rubio, Alejandra Escandell, Marcela Gerpe, Karina Miglioranza, Daniel Rey, Federico Vilas

Avulsion at a drift-dominated mesotidal estuary: The Chubut River outlet, Patagonia, Argentina

Journal of Hydrology, In Press, Corrected Proof, Available online 24 December 2014

[\[Link\]](#)

SR-14-43 Ulaş Avşar, Aurélia Hubert-Ferrari, Marc De Batist, Gilles Lepoint, Sabine Schmidt, Nathalie Fagel

Seismically-triggered organic-rich layers in recent sediments from Göllüköy Lake (North Anatolian Fault, Turkey)

Quaternary Science Reviews, Volume 103, 1 November 2014, Pages 67-80

[\[Link\]](#)

SR-14-44 Michael Cassidy, Sebastian F.L. Watt, Martin R. Palmer, Jessica Trofimovs, William Symons, Suzanne E. Maclachlan, Adam J. Stinton

Construction of volcanic records from marine sediment cores: A review and case study (Montserrat, West Indies)

Earth-Science Reviews, Volume 138, November 2014, Pages 137-155

[\[Link\]](#)

SR-14-45 M.N. Çağatay, N. Öğretmen, E. Damcı, M. Stockhecke, Ü. Sancar, K.K. Eriş, S. Özeren

Lake level and climate records of the last 90 ka from the Northern Basin of Lake Van, eastern Turkey

Quaternary Science Reviews, Volume 104, 15 November 2014, Pages 97-116

[\[Link\]](#)

SR-14-46 E.K. Magyari, D. Veres, V. Wennrich, B. Wagner, M. Braun, G. Jakab, D. Karátson, Z. Pál, Gy Ferenczy, G. St-Onge, J. Rethemeyer, J.-P. Francois, F. von Reumont, F. Schäbitz

Vegetation and environmental responses to climate forcing during the Last Glacial Maximum and deglaciation in the East Carpathians: attenuated response to maximum cooling and increased biomass burning

Quaternary Science Reviews, Volume 106, 15 December 2014, Pages 278-298

[\[Link\]](#)

SR-14-47 B. Yellen, J.D. Woodruff, L.N. Kratz, S.B. Mabee, J. Morrison, A.M. Martini

Source, conveyance and fate of suspended sediments following Hurricane Irene. New England, USA

Geomorphology, Volume 226, 1 December 2014, Pages 124-134

[\[Link\]](#)

SR-14-48 C. Ohlendorf, M. Fey, J. Massafiero, T. Habertzettl, C. Laprida, A. Lücke, N. Maidana, C. Mayr, M. Oehlerich, J. Ramón Mercau, M. Wille, H. Corbella, G. St-Onge, F. Schäbitz, B. Zolitschka

Late Holocene hydrology inferred from lacustrine sediments of Laguna Cháitel (southeastern Argentina)

Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 411, 1 October 2014, Pages 229-248

[\[Link\]](#)

SR-14-49 Linda E. Heusser, Ingrid L. Hendy, John A. Barron

Vegetation response to southern California drought during the Medieval Climate Anomaly and early Little Ice Age (AD 800–1600)

Quaternary International, In Press, Corrected Proof, Available online 17 October 2014

[\[Link\]](#)

SR-14-50 M. Pau, Ø. Hammer, S. Chand

Constraints on the dynamics of pockmarks in the SW Barents Sea: Evidence from gravity coring and high-resolution, shallow seismic profiles

Marine Geology, Volume 355, 1 September 2014, Pages 330-345

[\[Link\]](#)

SR-14-51 Christof Pearce, Marit-Solveig Seidenkrantz, Antoon Kuijpers, Njáll Fannar Reynisson

A multi-proxy reconstruction of oceanographic conditions around the Younger Dryas–Holocene transition in Placentia Bay, Newfoundland

Marine Micropaleontology, Volume 112, October 2014, Pages 39-49

[\[Link\]](#)

SR-14-52 Sébastien Bertrand, Konrad Hughen, Julio Sepúlveda, Silvio Pantoja

Late Holocene covariability of the southern westerlies and sea surface temperature in northern Chilean Patagonia

Quaternary Science Reviews, Volume 105, 1 December 2014, Pages 195-208

[\[Link\]](#)

SR-14-53 T Ballesteros, E Montoya, T Vegas-Vilarrúbia, S Giralt, MB Abbott, V Rull

An 8700-year record of the interplay of environmental and human drivers in the development of the southern Gran Sabana landscape, SE Venezuela

The Holocene, 2014, Vol. 24(12) 1757–1770

[\[Link\]](#)

SR-14-54 Michael A. Clare, Peter J. Talling, Peter Challenor, Giuseppe Malgesini, James Hunt

Distal turbidites reveal a common distribution for large (>0.1 km³) submarine landslide recurrence

Geology v. 42 no. 3 p. 263-266

[\[Link\]](#)

SR-14-55 Praveen K. Mishra, A. Anoop, G. Schettler, Sushma Prasad, A. Jehangir, P. Menzel, R. Naumann, A.R. Yousuf, N. Basavaiah, K. Deenadayalan, M.G. Wiesner, B. Gaye

Reconstructed late Quaternary hydrological changes from Lake Tso Moriri, NW Himalaya
Quaternary International, In Press, Corrected Proof, Available online 16 December 2014

[\[Link\]](#)

SR-14-56 Sofia Pechlivanidou, Konstantinos Vouvalidis, Reidar Løvlie, Atle Nesje, Konstantinos Albanakis, Christos Pennos, George Syrides, Patience Cowie, Robert Gawthorpe

A multi-proxy approach to reconstructing sedimentary environments from the Sperchios delta, Greece
The Holocene December 2014 vol. 24 no. 12 1825-1839

[\[Link\]](#)

SR-14-57 Ina Neugebauer, Achim Brauer, Markus J. Schwab, Nicolas D. Waldmann, Yehouda Enzel, Hiroyuki Kitagawa, Adi Torfstein, Ute Frank, Peter Dulski, Amotz Agnon, Daniel Ariztegui, Zvi Ben-Avraham, Steven L. Goldstein, Mordechai Stein, DSDDP Scientific Party

Lithology of the long sediment record recovered by the ICDP Dead Sea Deep Drilling Project (DSDDP)
Quaternary Science Reviews, Volume 102, 15 October 2014, Pages 149-165

[\[Link\]](#)

SR-14-58 Kristina Wutke, Sabine Wulf, Emma L. Tomlinson, Mark Hardiman, Peter Dulski, Jürg Luterbacher, Achim Brauer
Geochemical properties and environmental impacts of seven Campanian tephra layers deposited between 40 and 38 ka BP in the varved lake sediments of Lago Grande di Monticchio, southern Italy

Quaternary Science Reviews, In Press, Corrected Proof, Available online 22 August 2014

[\[Link\]](#)

SR-14-59 Marieke Ahlborn, Torsten Haberzettl, Junbo Wang, Mauro Alivernini, Frank Schlütz, Anja Schwarz, Youliang Su, Peter Frenzel, Gerhard Daut, Liping Zhu, Roland Mäusbacher

Sediment dynamics and hydrologic events affecting small lacustrine systems on the southern-central Tibetan Plateau – the example of TT Lake

The Holocene, 2015, Vol. 25(3) 508–522

[\[Link\]](#)

SR-14-60 Stefan Lauterbach, Roman Witt, Birgit Plessen, Peter Dulski, Sushma Prasad, Jens Mingram, Gerd Gleixner, Sabine, Hettler-Riedel, Martina Stebich, Bernhard Schnetger, Antje Schwalb, Anja Schwarz

Climatic imprint of the mid-latitude Westerlies in the Central Tian Shan of Kyrgyzstan and teleconnections to North Atlantic climate variability during the last 6000 years

The Holocene, 2014, Vol. 24(8) 970–984

[\[Link\]](#)

SR-14-61 Walter Finsinger, Thierry Fonville, Emiliya Kirilova, Andrea Lami, Piero Guilizzoni, André F. Lotter

A long-term multi-proxy record of varved sediments highlights climate-induced mixing-regime shift in a large hard-water lake ~5000 years ago

Journal of Limnology, Vol 73, No 2 (2014) 73(2), 211-222

[\[Link\]](#)

SR-14-62 Sarah J. Kelloway, Colin R. Ward, Christopher E. Marjo, Irene E. Wainwright, David R. Cohen

Calibration for ED-XRF profiling of coal cores for the Itrax Core Scanner

Powder Diffraction / Volume 29 / Supplement S1 / December 2014, pp S28-S34

[\[Link\]](#)

SR-14-63 Ulaş Avşar, Aurélie Hubert-Ferrari, Marc De Batist, Nathalie Fagel

A 3400 year lacustrine paleoseismic record from the North Anatolian Fault, Turkey: Implications for bimodal recurrence behavior

Geophysical Research Letters Volume 41, Issue 2, pages 377–384, 28 January 2014

[\[Link\]](#)

SR-14-64 Bas van Geel, Henk Heijnis, Dan J Charman, Gareth Thompson, Stefan Engels

Bog burst in the eastern Netherlands triggered by the 2.8 kyr BP climate event

The Holocene November 2014 vol. 24 no. 11 1465-1477

[\[Link\]](#)

SR-14-65 Sharon M. O'Rourke, Jonathan N. Turner, Nicholas M. Holden

Soil Carbon Progress in Soil Science 2014, pp 179-187

[\[Link\]](#)

SR-14-66 Long, Kelsie

Focus on AQUA, Mildura: Recent advances in palaeoclimate studies

Quaternary Australasia, Vol. 31, No. 2, Dec 2014: 7-8

[\[Link\]](#) [\[Link\]](#)

SR-14-67 K. Tachikawa, L. Vidal, M. Cornuault, M. Garcia, A. Pothin, C. Sonzogni, E. Bard, G. Menot, M. Revel

Eastern Mediterranean Sea circulation inferred from the conditions of S1 sapropel deposition

Clim. Past Discuss., 10, 4647-4681, 2014

[\[Link\]](#)

SR-14-68 Helen Miller, Ian W. Croudace, Jonathan M. Bull, Carol J. Cotterill, Justin K. Dix, Rex N. Taylor

A 500 Year Sediment Lake Record of Anthropogenic and Natural Inputs to Windermere (English Lake District) Using Double-Spike Lead Isotopes, Radiochronology, and Sediment Microanalysis

Environ. Sci. Technol., 2014, 48 (13), pp 7254–7263

[\[Link\]](#)

SR-14-69 K. Schitteck, B. Mächtle, F. Schäbitz, M. Forbriger, V. Wennrich, M. Reindel, B. Eitel

Holocene environmental changes in the highlands of the southern Peruvian Andes (14° S) and their impact on pre- Columbian cultures

Clim. Past, 11, 27-44, 2015

[\[Link\]](#)

SR-14-70 Norman Schreiber, Emanuel Garcia, Aart Kroon, Peter C. Ilsøe, Kurt H. Kjær, Thorbjørn J. Andersen

Pattern Recognition on X-ray Fluorescence Records from Copenhagen Lake Sediments Using Principal Component Analysis

Water, Air, & Soil Pollution November 2014, 225:2221

[\[Link\]](#)

SR-14-71 Moreira, S, Costa, P. J. M, Andrade, C, Freitas, M. C, Oliveira, M. A, Silva, T., Lira, C.

Geochemical signature in a tsunami deposit detected in Lagoa dos Salgados (Portugal)

19th ISC 2014 18-22 August, Geneva, Switzerland

[\[Link\]](#)

SR-14-72 Michael J. Burn, Suzanne E. Palmer

Solar forcing of Caribbean drought events during the last millennium

Journal of Quaternary Science Volume 29, Issue 8, pages 827–836, November 2014

[\[Link\]](#)

SR-14-73 Ulrike Proske , Henk Heijnis , Patricia Gadd

Using X-ray fluorescence core scanning to assess acid sulfate soils

Soil Research 52(8) 760-768

[\[Link\]](#)

SR-14-74 Annette Hahn, Pierre Kliem, Markus Oehlerich, Christian Ohlendorf, Bernd Zolitschka, the PASADO Science Team

Elemental composition of the Laguna Potrok Aike sediment sequence reveals paleoclimatic changes over the past 51 ka in southern Patagonia, Argentina

Journal of Paleolimnology, December 2014, Volume 52, Issue 4, pp 349-366

[\[Link\]](#)

SR-14-75 Gao Wei, Li Guangxue, Wang Xiangdong, Sun Tao, Liu Yong, Cao Lihua

Sedimentary Characteristics of the Hyperpycnal Flow in the Modern Yellow River Delta

[\[Link\]](#)

SR-14-76 D. Sprenk, M. E. Weber, G. Kuhn, V. Wennrich, T. Hartmann, K. Seelos

Seasonal changes in glacial polynya activity inferred from Weddell Sea varves

Clim. Past, 10, 1239-1251, 2014

[\[Link\]](#)

SR-14-77 Max Engel, Helmut Brückner

Late Quaternary environments and societies: progress in geoarchaeology

Zeitschrift für Geomorphologie N.F., Suppl. Vol 58 (2): 1–6

[\[Link\]](#) [\[Link\]](#) [\[Link\]](#)

SR-14-78 María-Teresa Ramírez-Herrera, Néstor Corona, Marcelo Lagos, Jan Černý, Avto Goguitchaichvili, James Goff, Catherine Chagué-Goff, Maria Luisa Machain, Atun Zawadzki, Geraldine Jacobsen, Arturo Carranza-Edwards, Socorro Lozano, Lindsey Blecher

Unearthing earthquakes and their tsunamis using multiple proxies: the 22 June 1932 event and a probable fourteenth-century predecessor on the Pacific coast of Mexico

International Geology Review, Volume 56, Issue 13, 2014

[\[Link\]](#)

SR-14-79 Simon Stoddart

FRAGSUS. Fragility and sustainability in prehistoric Malta

The European Archaeologist – Issue No. 41: Summer 2014

[\[Link\]](#)

SR-14-80 Paige E. Newby, Bryan N. Shuman, Jeffrey P. Donnelly, Kristopher B. Karnauskas, Jeremiah Marsice

Centennial-to-millennial hydrologic trends and variability along the North Atlantic Coast, USA, during the Holocene

Geophysical Research Letters, Volume 41, Issue 12, pages 4300–4307, 28 June 2014

[\[Link\]](#)

SR-14-81 V. Wennrich, P. S. Minyuk, V. Borkhodoev, A. Francke, B. Ritter, N. R. Nowaczyk, M. A. Sauerbrey, J. Brigham-Grette, M. Melles

Pliocene to Pleistocene climate and environmental history of Lake El'gygytyn, Far East Russian Arctic, based on high-resolution inorganic geochemistry data

Clim. Past, 10, 1381-1399, 2014

[\[Link\]](#)

SR-14-82 Martin Finné, Malin Kylander, Meighan Boyd, Hanna S. Sundqvist, Ludvig Löwemark

Can XRF scanning of speleothems be used as a non-destructive method to identify paleoflood events in caves?

International Journal of Speleology, 44(1) p17-23

[\[Link\]](#)

SR-14-83 Christine M. Brandon, Jonathan D. Woodruff, Jeffrey P. Donnelly, Richard M. Sullivan

How Unique was Hurricane Sandy? Sedimentary Reconstructions of Extreme Flooding from New York Harbor

Scientific Reports 4, Article number: 7366

[\[Link\]](#)

SR-14-84 Marta Szal, Mirosława Kupryjanowicz, Mariusz Wyczółkowski, Wojciech Tylmann

The Iron Age in the Mrągowo Lake District, Masuria, NE Poland: the Sałęt settlement microregion as an example of long-lasting human impact on vegetation

Vegetation History and Archaeobotany, July 2014, Volume 23, Issue 4, pp 419-437

[\[Link\]](#)

SR-14-85 E. Raper, S. Davies, B. Perkins, H. Lamb, M. Hermanson, A. Soares, T. Stephenson

Ecological conditions of ponds situated on blast furnace slag deposits located in South Gare Site of Special Scientific Interest (SSSI), Teesside, UK

Environmental Geochemistry and Health, December 2014

[\[Link\]](#)

SR-14-86 C. Martin-Puertas, A. Brauer, S. Wulf, F. Ott, S. Lauterbach, and P. Dulski

Annual proxy data from Lago Grande di Monticchio (southern Italy) between 76 and 112 ka: new chronological constraints and insights on abrupt climatic oscillations

Clim. Past, 10, 2099-2114, 2014

[\[Link\]](#)

SR-14-87 H. Kuehn, L. Lembke-Jene, R. Gersonde, O. Esper, F. Lamy, H. Arz, G. Kuhn, R. Tiedemann

Laminated sediments in the Bering Sea reveal atmospheric teleconnections to Greenland climate on millennial to decadal timescales during the last deglaciation

Clim. Past, 10, 2215-2236, 2014

[\[Link\]](#)

SR-14-88 Alicja Bonk , Wojciech Tylmann , Benjamin Amann , Dirk Enters , Martin Grosjean

Modern limnology, sediment accumulation and varve formation processes in Lake Żabińskie, northeastern Poland: comprehensive process studies as a key to understand the sediment record

Journal of Limnology, <http://dx.doi.org/10.4081/jlimnol.2014.1117>

[\[Link\]](#)

SR-14-89 Chang Pyo Jun, Chang Hwan Kim, Yeong Kyoo Kim, Seong Joo Lee

Paleoenvironmental Reconstruction of the Hupo Basin Using Grain Size and Mineral Analysis

Hupo Basin, grain size analysis, sensitive grain size, clay mineral, Tsushima Warm Current

[\[Link\]](#)

SR-14-90 Xiuju Liu, Timothy G. Fisher, Kenneth Lepper, Thomas V. Lowell

Geochemical characteristics of glacial Lake Agassiz sediments and new ages for the Moorhead Phase at Fargo, North Dakota, USA

Canadian Journal of Earth Sciences, 2014, Vol. 51, No. 9 : pp. 850-861

[\[Link\]](#)

SR-14-91 Unkel I, Schimmelmann A, Shriner C, Forsén J, Heymann C, Brückner H.

The environmental history of the last 6500 years in the Asea Valley (Peloponnese, Greece) and its linkage to the local archaeological record

Zeitschrift für Geomorphologie, Supplementary Issues, Volume 58, Number 2

[\[Link\]](#)

SR-14-92 Zolitschka, Bernd; Rolf, Christian; Bittmann, Felix; Binot, Franz; Frechen, Manfred; Wonik, Thomas; Froitzheim, Nikolaus; Ohlendorf, Christian

Pleistocene climatic and environmental variations inferred from a terrestrial sediment record – the Rodderberg Volcanic Complex near Bonn, Germany Pleistozäne Klima- und Umweltvariationen abgeleitet von terrestrischen Sedimenten aus dem Rodderberg-Vulkankomplex bei Bonn

Zeitschrift der Deutschen Gesellschaft für Geowissenschaften, Volume 165, Number 3, September 2014, pp. 407-424(18)

[\[Link\]](#)

SR-14-93 Jason D. Chaytor, Uri S. ten Brink

Event sedimentation in low-latitude deep-water carbonate basins, Anegada passage, northeast Caribbean

Basin Research

[\[Link\]](#)

REFEREED (SEDIMENTS) 2015**SR-15-01 J.D. Woodruff, K. Kanamaru, S. Kundu, T.L. Cook**

Depositional evidence for the Kamikaze typhoons and links to changes in typhoon climatology
Geology Feb 10, 2015

[\[Link\]](#)**SR-15-02 Thomas Kasper, Torsten Haberzettl, Junbo Wang, Gerhard Daut, Stefan Doberschütz, Lipng Zhu, Roland Mäusbacher**

Hydrological variations on the Central Tibetan Plateau since the Last Glacial Maximum and their teleconnection to inter-regional and hemispheric climate variations
Journal of Quaternary Science, Volume 30, Issue 1, pages 70–78, January 2015

[\[Link\]](#)**SR-15-03 Mark D. Shapley, Bruce P. Finney**

Lake morphometry controls the remobilization and long-term geochemical imprint of distal tephra deposition
Journal of Paleolimnology, January 2015

[\[Link\]](#)**SR-15-04 Magdalena Łącka, Joanna Pawłowska, Marek Zajczkowski**

New Methods in the Reconstruction of Arctic Marine Palaeoenvironments
Impact of Climate Changes on Marine Environments, GeoPlanet: Earth and Planetary Sciences 2015, pp 127-148

[\[Link\]](#)**SR-15-05 Michael Endler, Rudolf Endler, Bernd Bobertz, Thomas Leipe, Helge W. Arz**

Linkage between acoustic parameters and seabed sediment properties in the south-western Baltic Sea
Geo-Marine Letters, April 2015, Volume 35, Issue 2, pp 145-160

[\[Link\]](#)**SR-15-06 O. Raji, L. Dezileau, U. Von Grafenstein, S. Niazi, M. Snoussi, P. Martinez**

Extreme sea events during the last millennium in the northeast of Morocco
Nat. Hazards Earth Syst. Sci., 15, 203-211, 2015

[\[Link\]](#)**SR-15-07 Simon Matthias May, Dominik Brill, Max Engel, Anja Scheffers, Anna Pint, Stephan Opitz, Volker Wennrich, Peter Squire, Dieter Kelletat, Helmut Brückner**

Traces of historical tropical cyclones and tsunamis in the Ashburton Delta (north-west Australia)
Sedimentology, Volume 62, Issue 6, pages 1546–1572, October 2015

[\[Link\]](#)**SR-15-08 Anna Lintern, Ana Deletic, Paul Leahy, David McCarthy**

Digging up the dirty past: evidence for stormwater's contribution to pollution of an urban floodplain lake
Marine & Freshwater Research 30 jan 2015

[\[Link\]](#)**SR-15-09 Stephanie L Strother, Ulrich Salzmann, Stephen J Roberts, Dominic A Hodgson, John Woodward, Wim Van Nieuwenhuyze, Elie Verleyen, Wim Vyverman, Steven G Moreton**

Changes in Holocene climate and the intensity of Southern Hemisphere Westerly Winds based on a high-resolution palynological record from sub-Antarctic South Georgia
The Holocene, 2015, Vol. 25(2) 263–279

[\[Link\]](#)**SR-15-10 M. Namık Çağatay, Sabine Wulf, Ümmühan Sancar, Aslı Özmaral, Laurence Vidal, Pierre Henry, Oona Appelt, Luca Gasperini**

The tephra record from the Sea of Marmara for the last ca. 70 ka and its palaeoceanographic implications
Marine Geology, Volume 361, 1 March 2015, Pages 96-110

[\[Link\]](#)**SR-15-11 Françoise Gasse, Laurence Vidal, Elise Van Campo, François Demory, Anne-Lise Develle, Kazuyo Tachikawa, Ata Elias, Edouard Bard, Marta Garcia, Corinne Sonzogni, Nicolas Thouveny**

Hydroclimatic changes in northern Levant over the past 400,000 years
Quaternary Science Reviews, Volume 111, 1 March 2015, Pages 1-8

[\[Link\]](#)**SR-15-12 Torgeir O. Røthe, Jostein Bakke, Kristian Vasskog, Marthe Gjerde, William J. D'Andrea, Raymond S. Bradley**

Arctic Holocene glacier fluctuations reconstructed from lake sediments at Mitrahelvøya, Spitsbergen
Quaternary Science Reviews, Volume 109, 1 February 2015, Pages 111-125

[\[Link\]](#)**SR-15-13 Lailah Gifty Akita, Peter Frenzel, Torsten Haberzettl, Thomas Kasper, Junbo Wang, Klaus Reicherter**

Ostracoda (Crustacea) as indicators of subaqueous mass movements: An example from the large brackish lake Tangra Yumco on the southern Tibetan Plateau, China
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 419, 1 February 2015, Pages 60-74

[\[Link\]](#)**SR-15-14 Sakonvan Chawchai, Akkaneewut Chabangborn, Sherilyn Fritz, Minna Väiliranta, Carl-Magnus Mörh, Maarten Blaauw, Paula J. Reimer, Paul J. Krusic, Ludvig Löwemark, Barbara Wohlfarth**

Hydroclimatic shifts in northeast Thailand during the last two millennia – the record of Lake Pa Kho
Quaternary Science Reviews, Volume 111, 1 March 2015, Pages 62-71

[\[Link\]](#)

SR-15-15 James R. Hein, Francesca Spinardi, Nobuyuki Okamoto, Kira Mizell, Darryl Thorburn, Akuila Tawake

Critical metals in manganese nodules from the Cook Islands EEZ, abundances and distributions

Ore Geology Reviews, Volume 68, July 2015, Pages 97-116

[\[Link\]](#)

SR-15-16 Laurence Nuttin, Claude Hillaire-Marcel

U- and Th-series isotopes in deep Baffin Bay sediments: Tracers of detrital sources and of contrasted glacial/interglacial sedimentary processes

Marine Geology, Volume 361, 1 March 2015, Pages 1-10

[\[Link\]](#)

SR-15-17 Élise Doyen, Boris Vanni re, Damien Rius, Carole B geot, Laurent Millet

Climate and biomass control on fire activity during the late-glacial/early-Holocene transition in temperate ecosystems of the upper Rhone valley (France)

Quaternary Research, Volume 83, Issue 1, January 2015, Pages 94-104

[\[Link\]](#)

SR-15-18 Matt Grove, Henry Lamb, Helen Roberts, Sarah Davies, Mike Marshall, Richard Bates, Dei Huws

Climatic variability, plasticity, and dispersal: A case study from Lake Tana, Ethiopia

Journal of Human Evolution, Volume 87, October 2015, Pages 32-47

[\[Link\]](#)

SR-15-19 K.M. Costa, J.M. Russell, H. Vogel, S. Bijaksana

Hydrological connectivity and mixing of Lake Towuti, Indonesia in response to paleoclimatic changes over the last 60,000 years

Palaeogeography, Palaeoclimatology, Palaeoecology 417 (2015) 467-475

[\[Link\]](#)

SR-15-20 David S. Cronana, Guy Rothwell, Ian Croudace

An ITRAX Geochemical Study of Ferromanganiferous Sediments from the Penrhyn Basin, South Pacific Ocean

Marine Georesources & Geotechnology, Volume 28, Issue 3, 2010

[\[Link\]](#)

SR-15-21 Leigh Anderson, Andrea Brunelle, Robert S Thompson

A multi-proxy record of hydroclimate, vegetation, fire, and post-settlement impacts for a subalpine plateau, central Rocky Mountains, U.S.A

The Holocene March 16, 2015

[\[Link\]](#)

SR-15-22 Ludvig L wemark, Tzu-Tung Chen, Bj rn Gunnarson, Chih-Chieh Su, Tien-Nan Yang, Jyh-Jaan Huang, Yung-Hsiang Lan, George Burr

The Tienchi Pond on Lanyu Island (Western Pacific): Lake formation and potential as environmental archive

Volume 114, Part 3, 15 December 2015, Pages 435-446

[\[Link\]](#)

SR-15-23 Braden R.B. Gregory, Matthew Peros, Eduard G. Reinhardt, Jeffrey P. Donnelly

Middle-late Holocene Caribbean aridity inferred from foraminifera and elemental data in sediment cores from two Cuban lagoons

Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 426, 15 May 2015, Pages 229-241

[\[Link\]](#)

SR-15-24 Jo Brendryen, Hafliidi Hafliidason, Leif Rise, Shyam Chand, Maarten Vanneste, Oddvar Longva, Jean S bastien L'Heureux, Carl Fredrik Forsberg

Ice sheet dynamics on the Lofoten-Vester len shelf, north Norway, from Late MIS-3 to Heinrich Stadial 1

Quaternary Science Reviews, Volume 119, 1 July 2015, Pages 136-156

[\[Link\]](#)

SR-15-25 Hella E. Wittmeier, Jostein Bakke, Kristian Vasskog, Mathias Trachsel

Reconstructing Holocene glacier activity at Langfjordj kelen, Arctic Norway, using multi-proxy fingerprinting of distal glacier-fed lake sediments

Quaternary Science Reviews, Volume 114, 15 April 2015, Pages 78-99

[\[Link\]](#)

SR-15-26 Ingrid L. Hendy, Tiffany J. Napier, Arndt Schimmelmann

From extreme rainfall to drought: 250 years of annually resolved sediment deposition in Santa Barbara Basin, California

Quaternary International, Available online 27 February 2015

[\[Link\]](#)

SR-15-27 Martin Finn , Malin Kylander, Meighan Boyd, Hanna S. Sundqvist, Ludvig L wemark

Can XRF scanning of speleothems be used as a non-destructive method to identify paleoflood events in caves?

International Journal of Speleology, 44 (1), 17-23. January 2015

[\[Link\]](#)

SR-15-28 K. Schittek, M. Forbriger, B. M chtle, F. Sch bitz, V. Wennrich, M. Reindel, B. Eitel

Holocene environmental changes in the highlands of the southern Peruvian Andes (14  S) and their impact on pre-Columbian cultures

Clim. Past, 11, 27-44, 2015

[\[Link\]](#)

SR-15-29 Anna Pędziszewska, Wojciech Tylmann, Małgorzata Witak, Natalia Piotrowska, Emilia Maciejewska, Małgorzata Latałowa

Holocene environmental changes reflected by pollen, diatoms, and geochemistry of annually laminated sediments of Lake Suminko in the Kashubian Lake District (N Poland)

Review of Palaeobotany and Palynology, Volume 216, May 2015, Pages 55–75

[\[Link\]](#)

SR-15-30 M.S. Finkenbinder, M.B. Abbott, B.P. Finney, J.S. Stoner, J.M. Dorfman

A multi-proxy reconstruction of environmental change spanning the last 37,000 years from Burial Lake, Arctic Alaska

Quaternary Science Reviews, Volume 126, 15 October 2015, Pages 227–241

[\[Link\]](#)

SR-15-31 René Dommain, Alexander R. Cobb, Hans Joosten, Paul H. Glaser, Amy F.L. Chua, Laure Gandois, Fuu-Ming Kai, Anders Noren, Kamariah A. Salim, N. Salihah H. Su'ut, Charles F. Harvey

Forest dynamics and tip-up pools drive pulses of high carbon accumulation rates in a tropical peat dome in Borneo (Southeast Asia)

Journal of Geophysical Research, Biogeosciences, Volume 120, Issue 4, April 2015, Pages 617–640

[\[Link\]](#)

SR-15-32 Jeffrey P. Donnelly, Andrea D. Hawkes, Philip Lane, Dana MacDonald, Bryan N. Shuman, Michael R. Toomey, Peter J. van Hengstum Jonathan D. Woodruff

Climate forcing of unprecedented intense-hurricane activity in the last 2000 years

Earth's Future, Volume 3, Issue 2, pages 49–65, February 2015

[\[Link\]](#)

SR-15-33 Xufeng Zheng 郑旭峰, Anchun Li 李安春, Shiming Wan 万世明, Fuqing Jiang 蒋富清, Xueming Yin 尹学明, Jian Lu 卢健

Formation of the modern current system in the East China Sea since the early Holocene and its relationship with sea level and the monsoon system

Chinese Journal of Oceanology and Limnology, July 2015, Volume 33, Issue 4, pp 1062–1071

[\[Link\]](#)

SR-15-34 Lorita N. Mihindukulasooriya, Joseph D. Ortiz, David P. Pompeani, Byron A. Steinman, Mark B. Abbott

Reconstruction of late Quaternary paleohydrologic conditions in southeastern British Columbia using visible derivative spectroscopy of Cleland Lake sediment

Quaternary Research, Volume 83, Issue 3, May 2015, Pages 531–544

[\[Link\]](#)

SR-15-35 I. Rodríguez-Germade, B. Rubio, D. Rey, J. Borrego

Detection and Monitoring of REEs and Related Trace Elements with an Itrax™ Core Scanner in the Ría de Huelva (SW Spain)

Water, Air, & Soil Pollution, May 2015, 226:137

[\[Link\]](#)

SR-15-36 Heidi A. Roop, Richard Levy, Gavin B. Dunbar, Marcus J. Vandergoes, Jamie Howarth, Sean Fitzsimons, Heung Soo Moon, Christian Zammit, Robert Ditchburn and 2 more

A hydroclimate-proxy model based on sedimentary facies in an annually laminated sequence from Lake Ohau, South Island, New Zealand

Journal of Paleolimnology, January 2016, Volume 55, Issue 1, pp 1-16

[\[Link\]](#)

SR-15-37 Emre Damcı, M. Namık Çağatay

An automated algorithm for dating annually laminated sediments using X-ray radiographic images, with applications to Lake Van (Turkey), Lake Nautajarvi (Finland) and Byfjorden (Sweden)

Quaternary International, Volume 401, 16 May 2016, Pages 174–183

[\[Link\]](#) [\[Link\]](#)

SR-15-38 Yun Guo, Liping Zhu, Peter Frenzel, Qingfeng Ma, Jianting Ju, Ping Peng, Junbo Wang, Gerhard Dau

Holocene lake level fluctuations and environmental changes at Taro Co, southwestern Tibet, based on ostracod-inferred water depth reconstruction

The Holocene January 2016 vol. 26 no. 1 29-43

[\[Link\]](#)

SR-15-39 B. Giaccio, E. Regattieri, G. Zanchetta, B. Wagner, P. Galli, G. Mannella, E. Niespolo, E. Peronace, P. R. Renne, S. Nomade, G. P. Cavinato, P. Messina, A. Sposato, C. Boschi, F. Florindo, F. Marra, L. Sadori

A key continental archive for the last 2 Ma of climatic history of the central Mediterranean region: A pilot drilling in the Fucino Basin, central Italy

Sci. Dril., 20, 13–19, 2015

[\[Link\]](#)

SR-15-40 Ludvig Löwemark, Weng-Si Chao, Richard Gyllencreutz, Till J.J. Hanebuth, Pin-Yao Chiu, Tien-Nan Yang, Chih-Chieh Su, Chih-Kai Chuang, Dora Carolina León Dominguez, Martin Jakobsson

Variations in glacial and interglacial marine conditions over the last two glacial cycles off northern Greenland

Quaternary Science Reviews, Available online 31 October 2015

[\[Link\]](#)

SR-15-41 Hong-Chun Li, Min Zhao, Chia-Hsin Tsai, Horng-Sheng Mii, Queenie Chang, Kuo-Yen Wei

The first high-resolution stalagmite record from Taiwan: Climate and environmental changes during the past 1300 years

Journal of Asian Earth Sciences, Volume 114, Part 3, 15 December 2015, Pages 574–587

[\[Link\]](#)

- SR-15-42 K Tachikawa, Ludovic-Alexandre Vidal, M Cornuault, M Garcia, A Pothin, C Sonzogni, E Bard, G Menot, M Revel**
Eastern Mediterranean Sea circulation inferred from the conditions of S1 sapropel deposition
Clim. Past, 11, 855–867, 2015 [\[Link\]](#)
- SR-15-43 Francke, A.; Wagner, B.; Just, J.; Leicher, N.; Gromig, R.; Baumgarten, H.; Vogel, H.; Lacey, J.H.; Sadori, L.; Wonik, T.; Leng, M.J.; Zanchetta, G.; Sulpizio, R.; Giaccio, B.**
Sedimentological processes and environmental variability at Lake Ohrid (Macedonia, Albania) between 640 ka and present day
Biogeosciences Discussions, 12 (17). 15111-15156 [\[Link\]](#)
- SR-15-44 P.M. Abbott, A.J. Bournea, C.S. Purcell, S.M. Davies, J.D. Scourse, N.J.G. Pearce**
Last glacial period cryptotephra deposits in an eastern North Atlantic marine sequence: Exploring linkages to the Greenland ice-cores
Quaternary Geochronology, Volume 31, February 2016, Pages 62–76 [\[Link\]](#)
- SR-15-45 Ulaş Avşar, Aurélie Hubert-Ferrari, Marc De Batist, Sabine Schmidt, Nathalie Fagel**
Sedimentary records of past earthquakes in Boraboy Lake during the last ca 600 years (North Anatolian Fault, Turkey)
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 433, 1 September 2015, Pages 1–9 [\[Link\]](#)
- SR-15-46 Zhenjie Zhang, Renguang Zuo, Qiuming Cheng**
Geological Features and Formation Processes of the Makeng Fe Deposit, China
Resource Geology, Volume 65, Issue 3, pages 266–284, July 2015 [\[Link\]](#)
- SR-15-47 Andrew B.H. Rees, Les C. Cwynar, Michael-Shawn Fletcher**
Southern Westerly Winds submit to the ENSO regime: A multiproxy paleohydrology record from Lake Dobson, Tasmania
Quaternary Science Reviews, Volume 126, 15 October 2015, Pages 254–263 [\[Link\]](#)
- SR-15-48 Katarina David, Wendy Timms, Andy Baker**
Direct stable isotope porewater equilibration and identification of groundwater processes in heterogeneous sedimentary rock
Science of The Total Environment, Volume 538, 15 December 2015, Pages 1010–1023 [\[Link\]](#)
- SR-15-49 Fernando Barreiro-Lostres, Erik Brown, Ana Moreno, Mario Morellón, Mark Abbott, Aubrey Hillman, Santiago Giralt, Blas Valero-Garcés**
Sediment delivery and lake dynamics in a Mediterranean mountain watershed: Human-climate interactions during the last millennium (El Tobar Lake record, Iberian Range, Spain)
Science of The Total Environment, Volume 533, 15 November 2015, Pages 506–519 [\[Link\]](#)
- SR-15-50 Margit H. Simon, Martin Ziegler, Joyce Bosmans, Stephen Barker, Chris J.C. Reason, Ian R. Hall**
Eastern South African hydroclimate over the past 270,000 years
Sci Rep. 2015; 5: 18153. [\[Link\]](#)
- SR-15-51 Paula A. Rodríguez-Zorro, Dirk Enters, Barbara Hermanowski, Marcondes Lima da Costa, Hermann Behling**
Vegetation changes and human impact inferred from an oxbow lake in southwestern Amazonia, Brazil since the 19th century
Journal of South American Earth Sciences, Volume 62, October 2015, Pages 186–194 [\[Link\]](#)
- SR-15-52 Michael-Shawn Fletcher, Alexa Benson, Hendrik Heijnis, Patricia S. Gadd, Les C. Cwynar, Andrew B.H. Rees**
Changes in biomass burning mark the onset of an ENSO-influenced climate regime at 42°S in southwest Tasmania, Australia
Quaternary Science Reviews
Volume 122, 15 August 2015, Pages 222–232 [\[Link\]](#)
- SR-15-53 J.J. O’Sullivan, G. Lupakisyo Mwalwiba, P.J. Purcell, J.N. Turner, F. Mtalo**
Assessing sediment and water quality issues in expanding African wetlands: the case of the Mara River, Tanzania
International Journal of Environmental Studies, Volume 73, Issue 1, 2016 [\[Link\]](#)
- SR-15-54 C. Pearce, J. T. Andrews, I. Bouloubassi, C. Hillaire-Marcel, A. E. Jennings, J. Olsen, A. Kuijpers, M.-S. Seidenkrantz**
Heinrich 0 on the east Canadian margin: Source, distribution, and timing
Paleoceanography Volume 30, Issue 12, December 2015, Pages 1613–1624 [\[Link\]](#)
- SR-15-55 Bjørn Christian Kvisvik, Øyvind Paasche, Svein Olaf Dahl**
Holocene cirque glacier activity in Rondane, southern Norway
Geomorphology, Volume 246, 1 October 2015, Pages 433–444 [\[Link\]](#)
- SR-15-56 Matthew D. Jones, Sarah E. Metcalfe, Sarah J. Davies, Anders Noren**
Late Holocene climate reorganisation and the North American Monsoon
Quaternary Science Reviews, Volume 124, 15 September 2015, Pages 290–295 [\[Link\]](#)

SR-15-57 Kota Katsuki, Dong-Yoon Yang, Koji Seto, Moriaki Yasuhara, Hiroyuki Takata, Masashi Otsuka, Toshimichi Nakanishi, Yoonyeol Yoon, In-Kwon Um and 3 more

Factors controlling typhoons and storm rain on the Korean Peninsula during the Little Ice Age
Journal of Paleolimnology, January 2016, Volume 55, Issue 1, pp 35–48

[\[Link\]](#)**SR-15-58 Conny Lenz, Tom Jilbert, Daniel J. Conley, Caroline P. Slomp**

Hypoxia-driven variations in iron and manganese shuttling in the Baltic Sea over the past 8 kyr
Geochemistry, Geophysics, Geosystems, Volume 16, Issue 10, October 2015, Pages 3754–3766

[\[Link\]](#)**SR-15-59 Karin F. Helmen, J. Sakari Salonen, Anna Pliikk, Stefan Engels, Minna Väiliranta, Malin Kylander, Jo Brendryen, Hans Renssen**

Major cooling intersecting peak Eemian Interglacial warmth in northern Europe
Quaternary Science Reviews, Volume 122, 15 August 2015, Pages 293–299

[\[Link\]](#)**SR-15-60 Timothy L. Cook, Brian C. Yellen, Jonathon D. Woodruff, Daniel Miller**

Contrasting human versus climatic impacts on erosion
Geophysical Research Letters, Volume 42, Issue 16, 28 August 2015, Pages 6680–6687

[\[Link\]](#)**SR-15-61 Jang-Jun Bahk, In-Kwon Um, Bo-Yeon Yi, Dong-Geun Yoo**

Paleoceanographic implications and cyclostratigraphy of variations in well-log data from the western slope of the Ulleung Basin, East Sea

Quaternary International, Volume 392, 21 January 2016, Pages 58–68

[\[Link\]](#) [\[Link\]](#)**SR-15-62 Jesse L. Morris, Kendra K. McLauchlan, Philip E. Higuera**

Sensitivity and complacency of sedimentary biogeochemical records to climate-mediated forest disturbances
Earth-Science Reviews, Volume 148, September 2015, Pages 121–133

[\[Link\]](#)**SR-15-63 Scott A. Mensing, Irene Tunno, Leonardo Sagnotti, Fabio Florindo, Paula Noble, Claire Archer, Susan Zimmerman, Francisco Javier Pavón-Carrasco, Gabriele Cifani, Susanna Passigli, Gianluca Piovesan**

2700 years of Mediterranean environmental change in central Italy: a synthesis of sedimentary and cultural records to interpret past impacts of climate on society

Quaternary Science Reviews, Volume 116, 15 May 2015, Pages 72–94

[\[Link\]](#)**SR-15-64 Hendrik Vogel, James M. Russell, Sri Yudawati Cahyarini, Satria Bijaksana, Nigel Wattus, Janet Rethemeyer, Martin Melles**

Depositional modes and lake-level variability at Lake Towuti, Indonesia, during the past ~29 kyr BP
Journal of Paleolimnology, December 2015, Volume 54, Issue 4, pp 359–377

[\[Link\]](#)**SR-15-65 Michael J. Burn, Suzanne E. Palmer**

Atlantic hurricane activity during the last millennium
Nature, Scientific Reports 5, Article number: 12838 (2015)

[\[Link\]](#)**SR-15-66 N. Leicher, G. Zanchetta, R. Sulpizio, B. Giaccio, B. Wagner, S. Nomade, A. Francke P. Del Carlo**

First tephrostratigraphic results of the DEEP site record from Lake Ohrid, Macedonia
Biogeosciences Discuss., 12, 15411–15460, 2015

[\[Link\]](#)**SR-15-67 Graeme T. Swindles, Elizabeth Watson, T. Edward Turner, Jennifer M. Galloway, Thomas Hadlari, Jane Wheeler, Karen L. Bacon**

Spheroidal carbonaceous particles are a defining stratigraphic marker for the Anthropocene
Nature, Scientific Reports 5, Article number: 10264 (2015)

[\[Link\]](#)**SR-15-68 Kelly Ann Ross, Martin Schmid, Sandra Ogorka, Fabrice A. Muvundja, Flavio S. Anselmetti**

The history of subaquatic volcanism recorded in the sediments of Lake Kivu; East Africa
Journal of Paleolimnology, June 2015, Volume 54, Issue 1, pp 137–152

[\[Link\]](#)**SR-15-69 Paula J. Noble, G.Ian Ball, Susan H. Zimmerman, Jillian Maloney, Shane B. Smith, Graham Kent, Kenneth D. Adams, Robert E. Karlin, Neal Driscoll**

Holocene paleoclimate history of Fallen Leaf Lake, CA., from geochemistry and sedimentology of well-dated sediment cores
Quaternary Science Reviews, Volume 131, Part A, 1 January 2016, Pages 193–210

[\[Link\]](#)**SR-15-70 Henrik Swärd, Matt O'Regan, Linda Ampel, Roman Ananyev, Denis Chernykh, Tom Floden, Sarah L. Greenwood, Malin E. Kylander, Carl Magnus Mörth, Pedro Preto, Martin Jakobsson**

Regional deglaciation and postglacial lake development as reflected in a 74 m sedimentary record from Lake Vättern, southern Sweden

GFF ISSN: 1103-5897 (Print) 2000-0863

[\[Link\]](#)

SR-15-71 Alicja BONK, Wojciech TYLMANN, Benjamin AMANN, Dirk ENTERS, Martin GROSJEAN

Modern limnology and varve-formation processes in Lake Żabińskie, northeastern Poland: comprehensive process studies as a key to understand the sediment record

J. Limnol., 2015; 74(2): 358-370

[\[Link\]](#)

SR-15-72 Christina M Sheldon, Marit-Solveig Seidenkrantz, Christof Pearce, Antoon Kuijpers, Mette J Hansen, Eva Zilmer Christensen

Holocene oceanographic changes in SW Labrador Sea, off Newfoundland

The Holocene February 2016 vol. 26 no. 2 274-289

[\[Link\]](#)

SR-15-73 L. C. ORME, S. J. DAVIES, G. A. T. DULLER

Reconstructed centennial variability of Late Holocene storminess from Cors Fochno, Wales, UK

Journal of Quaternary Science, Volume 30, Issue 5, pages 478–488, July 2015

[\[Link\]](#)

SR-15-74 Jaesoo Lim, Dong-Yoon Yang, Jin-Young Lee, Sei-Sun Hong, In Kwon Um

Middle Holocene environmental change in central Korea and its linkage to summer and winter monsoon changes

Quaternary Research, Volume 84, Issue 1, July 2015, Pages 37–45

[\[Link\]](#)

SR-15-75 Özlem Makaroğlu, M. Namık Çağatay, Naci Orbay, Lauri J. Pesonen

The radiocarbon reservoir age of Lake Van, eastern Turkey

Quaternary International, Available online 28 November 2015

[\[Link\]](#)

SR-15-76 K. Schitteck, S. T. Kock, A. Lücke, C. Ohlendorf, J. J. Kulemeyer, L. C. Lupo, F. Schäbitz

Environmental and climatic history in the NW Argentine Andes (24° S) over the last 2100 years inferred from a high-altitude peatland record

Clim. Past Discuss., 11, 2037–2076, 2015

[\[Link\]](#)

SR-15-77 Rémi Lehu, Serge Lallemand, Shu-Kun Hsu, Nathalie Babonneau, Gueorgui Ratzov, Andrew T. Lin, Laurent Dezileau

Deep-sea sedimentation offshore eastern Taiwan: Facies and processes characterization

Marine Geology, Volume 369, 1 November 2015, Pages 1–18

[\[Link\]](#)

SR-15-78 Johannes Kalbe, Steffen Mischke, Peter Dulski, Gonen Sharon

The Middle Palaeolithic Nahal Mahanayem Outlet site, Israel: reconstructing the environment of Late Pleistocene wetlands in the eastern Mediterranean from ostracods

Journal of Archaeological Science, Volume 54, February 2015, Pages 385–395

[\[Link\]](#)

SR-15-79 Molly C. McCanta, Robert G. Hatfield, Bradley J. Thomson, Simon J. Hook, Elizabeth Fisher

Identifying cryptotephra units using correlated rapid, nondestructive methods: VSWIR spectroscopy, X-ray fluorescence, and magnetic susceptibility

Geochemistry, Geophysics, Geosystems, Volume 16, Issue 12, December 2015, Pages 4029–4056

[\[Link\]](#)

SR-15-80 Francesco Muschitiello, James M. Lea, Sarah L. Greenwood, Faezeh M. Nick, Lars Brunnberg, Alison MacLeod, Barbara Wohlfarth

Timing of the first drainage of the Baltic Ice Lake synchronous with the onset of Greenland Stadial 1

Boreas, Early View (Online Version of Record published before inclusion in an issue)

[\[Link\]](#)

SR-15-81 Kristina Wutke, Sabine Wulf, Emma L. Tomlinson, Mark Hardiman, Peter Dulski, Jürg Luterbacher, Achim Brauer

Geochemical properties and environmental impacts of seven Campanian tephra layers deposited between 40 and 38 ka BP in the varved lake sediments of Lago Grande di Monticchio, southern Italy

Quaternary Science Reviews, Volume 118, 15 June 2015, Pages 67–83

[\[Link\]](#)

SR-15-82 Jason D. Chaytor, Uri S. ten Brink

Event sedimentation in low-latitude deep-water carbonate basins, Anegada passage, northeast Caribbean

Basin Research Volume 27, Issue 3, June 2015, Pages 310–335

[\[Link\]](#)

SR-15-83 Nathalie Van der Putten, Cyriel Verbruggen, Svante Björck, Elisabeth Michel, Jean-Robert Disnar, Emmanuel Chapron, Bertrand N. Moine, Jacques-Louis de Beaulieu

The Last Termination in the South Indian Ocean: A unique terrestrial record from Kerguelen Islands (49°S) situated within the Southern Hemisphere westerly belt

Quaternary Science Reviews Volume 122, 15 August 2015, Pages 142–157

[\[Link\]](#)

SR-15-84 Liangcheng Tan, Yanjun Cai, Zhisheng An, Hai Cheng, Chuan-Chou Shen, Sebastian F. M. Breitenbach, Yongli Gao, R. Lawrence Edwards, Haiwei Zhang, Yajuan Du

A Chinese cave links climate change, social impacts, and human adaptation over the last 500 years

Sci Rep. 2015; 5: 12284.

[\[Link\]](#)

SR-15-85 René Dommain, Alexander R. Cobb, Hans Joosten, Paul H. Glaser, Amy F. L. Chua, Laure Gandois, Fuu-Ming Kai, Anders Noren, Kamariah A. Salim, N. Salihah H. Su'ut, Charles F. Harvey

Forest dynamics and tip-up pools drive pulses of high carbon accumulation rates in a tropical peat dome in Borneo (Southeast Asia)

Journal of Geophysical Research, Biogeosciences, Volume 120, Issue 4, April 2015, Pages 617–640

[\[Link\]](#)

SR-15-86 Xin Wang 王昕, Xuefa Shi 石学法, Guoqing Wang 王国庆, Shuqing Qiao 乔淑卿, Kunshan Wang 王昆山, Zhengquan Yao 姚政权, Xuchen Wang 王旭晨

Late Quaternary sedimentary environmental evolution offshore of the Hangzhou Bay, East China—implications for sea level change and formation of Changjiang alongshore current

Chinese Journal of Oceanology and Limnology, May 2015, Volume 33, Issue 3, pp 748-763

[\[Link\]](#)

SR-15-87 Serge Lallemand, Rémi Lehu, Fabien Rétif, Shu-Kun Hsu, Nathalie Babonneau, Gueorgui Ratzov, Maria-Angela Bassetti, Laurent Dezileau, Meng-Long Hsieh, Stéphane Dominguez

A ~ 3000 years-old sequence of extreme events revealed by marine and shore deposits east of Taiwan

Tectonophysics, Available online 14 November 2015

[\[Link\]](#)

SR-15-88 Can ZHANG, Aifeng ZHOU(), Xiaonan ZHANG, Duo WU, Shengtun HAO

Identification of Paleoflood events by lacustrine archives and their links to climatic conditions

PROGRESS IN GEOGRAPHY 2015, Vol. 34 Issue (7) : 898-908

[\[Link\]](#)

SR-15-89 Justin S. Stroup, Meredith A. Kelly, Thomas V. Lowell, Colby A. Smith, Samuel A. Beal, Joshua D. Landis, Pedro M. Tapia

Late Holocene fluctuations of Quelccaya Ice Cap, Peru, registered by nearby lake sediments

Journal of Quaternary Science, Volume 30, Issue 8, pages 830–840, November 2015

[\[Link\]](#)

SR-15-90 JONATHAN N. TURNER, NAOMI HOLMES, STEPHEN R. DAVIS, MELANIE J. LENG, CATHERINE LANGDON, ROBERT G. SCAIFE

A multiproxy (micro-XRF, pollen, chironomid and stable isotope) lake sediment record for the Lateglacial to Holocene transition from Thomastown Bog, Ireland

Journal of Quaternary Science, Volume 30, Issue 6, pages 514–528, August 2015

[\[Link\]](#)

SR-15-91 Simon Matthias May, Dominik Brill, Max Engel, Anja Scheffers, Anna Pint, Stephan Opitz, Volker Wennrich, Peter Squire, Dieter Kelleat, Helmut Brückner

Traces of historical tropical cyclones and tsunamis in the Ashburton Delta (north-west Australia)

Sedimentology, Volume 62, Issue 6, pages 1546–1572, October 2015

[\[Link\]](#)

SR-15-92 MARIA ECILENE N.S. MENESES, MARCONDES L. COSTA, DIRK ENTERS, HERMANN BEHLING

Environmental changes during the last millennium based on multi-proxy palaeoecological records in a savanna-forest mosaic from the northernmost Brazilian Amazon region

Anais da Academia Brasileira de Ciências (2015) 87(3): 1623-1651

[\[Link\]](#)

SR-15-93 Andreas Kleeberg, Marielle Neyen, Uwe-Karsten Schkade, Thomas Kalettka, Gunnar Lischeid

Sediment cores from kettle holes in NE Germany reveal recent impacts of agriculture

Environmental Science and Pollution Research, pp 1-16

[\[Link\]](#)

SR-15-94 B. Wilhelm, H. Vogel, C. Crouzet, D. Etienne, F. S. Anselmetti

Frequency and intensity of palaeofloods at the interface of Atlantic and Mediterranean climate domains

Clim. Past Discuss., 11, 4943–4984, 2015

[\[Link\]](#)

SR-15-95 Willem G.M. van der Bilt, Jostein Bakke, Kristian Vasskog, William J. D'Andrea, Raymond S. Bradley, Sædis Ólafsdóttir

Reconstruction of glacier variability from lake sediments reveals dynamic Holocene climate in Svalbard

Quaternary Science Reviews, Volume 126, 15 October 2015, Pages 201–218

[\[Link\]](#)

SR-15-96 Ina Neugebauer, Achim Brauer, Markus J Schwab, Peter Dulski, Ute Frank, Elitsa Hadzhiivanova, Hiroyuki Kitagawa, Thomas Litt, Vera Schiebel, Nimer Taha, Nicolas D Waldmann, DSDDP Scientific Party

Evidences for centennial dry periods at ~3300 and ~2800 cal. yr BP from micro-facies analyses of the Dead Sea sediments

The Holocene August 2015 vol. 25 no. 8 1358-1371

[\[Link\]](#)

SR-15-97 Bernd Zolitschka, Pierre Francus, Antti E.K. Ojala, Arndt Schimmelmann

Varves in lake sediments e a review

Quaternary Science Reviews 117 (2015) 1-41

[\[Link\]](#)

SR-15-98 Saija Saarni, Timo Saarinen, Peter Dulski

Between the North Atlantic Oscillation and the Siberian High: A 4000-year snow accumulation history inferred from varved lake sediments in Finland

The Holocene November 12, 2015

[\[Link\]](#)

SR-15-99 Claudia Zimmermann, Guillaume Jouve, Reinhard Pienitz, Pierre Francus, Nora I. Maidana

Late Glacial and Early Holocene cyclic changes in paleowind conditions and lake levels inferred from diatom assemblage shifts in Laguna Potrok Aike sediments (southern Patagonia, Argentina)

Palaeogeography, Palaeoclimatology, Palaeoecology 427 (2015) 20–31

[\[Link\]](#)

SR-15-100 H. Baumgarten, T. Wonik, D. C. Tanner, A. Francke, B. Wagner, G. Zanchetta, R. Sulpizio, B. Giaccio, S. Nomade

Age–depth model of the past 630 kyr for Lake Ohrid (FYROM/Albania) based on cyclostratigraphic analysis of downhole gamma ray data

Biogeosciences, 12, 7453–7465, 2015

[\[Link\]](#)

SR-15-101 Helge W. Arz, Lyudmila S. Shumilovskikh, Antje Wegwerth, Dominik Fleitmann, Hermann Behling

Environmental and Climate Dynamics During the Last Two Glacial Terminations and Interglacials in the Black Sea/Northern Anatolian Region

Integrated Analysis of Interglacial Climate Dynamics (INTERDYNAMIC), Part of the series SpringerBriefs in Earth System Sciences pp 121-126

[\[Link\]](#)

SR-15-102 H. Baumgarten, T. Wonik, D. C. Tanner, A. Francke, B. Wagner, G. Zanchetta, R. Sulpizio, B. Giaccio, S. Nomade

Age depth-model for the past 630 ka in Lake Ohrid (Macedonia/Albania) based on cyclostratigraphic analysis of downhole gamma ray data

Biogeosciences Discuss., 12, 7671–7703, 2015

[\[Link\]](#)

SR-15-103 Tae Soo Chang, Dong-Geun Yoo

Quaternary mud deposits on the Korean shelf—processes, facies, stratigraphy: an introduction and future challenges

Geo-Mar Lett (2015) 35:405–410

[\[Link\]](#)

SR-15-104 W.H.J. Toonen, T.G. Winkels, K.M. Cohen, M.A. Prins, H. Middelkoop

Lower Rhine historical flood magnitudes of the last 450 years reproduced from grain-size measurements of flood deposits using End Member Modelling

Catena 130 (2015) 69–81

[\[Link\]](#)

SR-15-b01 R. Guy Rothwell, Ian W. Croudace

Micro-XRF Studies of Sediment Cores: A Perspective on Capability and Application in the Environmental Sciences

Developments in Paleoenvironmental Research, Volume 17 2015, 1-21

[\[Link\]](#)

SR-15-b02 R. Guy Rothwell, Ian W. Croudace

Twenty Years of XRF Core Scanning Marine Sediments: What Do Geochemical Proxies Tell Us?

Developments in Paleoenvironmental Research, Volume 17 2015, 25-102

[\[Link\]](#)

SR-15-b03 Isabel Rodríguez-Germade, Belén Rubio, Daniel Rey, Federico Vilas

Optimization of Itrax Core Scanner Measurement Conditions for Sediments from Submarine Mud Volcanoes

Developments in Paleoenvironmental Research, Volume 17 2015, 103-126

[\[Link\]](#)

SR-15-b04 James E. Hunt, Ian W. Croudace, Suzanne E. MacLachlan

Use of Calibrated ITRAX XRF Data in Determining Turbidite Geochemistry and Provenance in Agadir Basin, Northwest African Passive Margin

Developments in Paleoenvironmental Research, Volume 17 2015, 127-146

[\[Link\]](#)

SR-15-b05 James E. Hunt, Russell B. Wynn, Ian W. Croudace

Identification, Correlation and Origin of Multistage Landslide Events in Volcaniclastic Turbidites in the Moroccan Turbidite System

Developments in Paleoenvironmental Research, Volume 17 2015, 147-172

[\[Link\]](#)

SR-15-b06 Suzanne E. MacLachlan, James E. Hunt, Ian W. Croudace

An Empirical Assessment of Variable Water Content and Grain-Size on X-Ray Fluorescence Core-Scanning Measurements of Deep Sea Sediments

Developments in Paleoenvironmental Research, Volume 17 2015, 173-185

[\[Link\]](#)

SR-15-b07 Sarah J. Davies, Henry F. Lamb, Stephen J. Roberts

Micro-XRF Core Scanning in Palaeolimnology: Recent Developments

Developments in Paleoenvironmental Research, Volume 17 2015, 189-226

[\[Link\]](#)

- SR-15-b08 Jonathan N. Turner, Anna F. Jones, Paul A. Brewer, Mark G. Macklin, Sara M. Rassner**
Micro-XRF Applications in Fluvial Sedimentary Environments of Britain and Ireland: Progress and Prospects
Developments in Paleoenvironmental Research, Volume 17 2015, 227-265 [\[Link\]](#)
- SR-15-b09 Erik T. Brown**
Estimation of Biogenic Silica Concentrations Using Scanning XRF: Insights from Studies of Lake Malawi Sediments
Developments in Paleoenvironmental Research, Volume 17 2015, 267-277 [\[Link\]](#)
- SR-15-b10 Stéphanie Cuvén, Pierre Francus, Jean François Crémer, Francis Bérubé**
Optimization of Itrax Core Scanner Protocols for the Micro X-Ray Fluorescence Analysis of Finely Laminated Sediment: A Case Study of Lacustrine Varved Sediment from the High Arctic
Developments in Paleoenvironmental Research, Volume 17 2015, 279-303 [\[Link\]](#)
- SR-15-b11 Nicholas L. Balascio, Pierre Francus, Raymond S. Bradley, Benjamin B. Schupack...**
Investigating the Use of Scanning X-Ray Fluorescence to Locate Cryptotephra in Minerogenic Lacustrine Sediment: Experimental Results
Developments in Paleoenvironmental Research, Volume 17 2015, 305-324 [\[Link\]](#)
- SR-15-b12 ?? Peter Dulski, Achim Brauer, Clara Mangili**
Combined μ -XRF and Microfacies Techniques for Lake Sediment Analyses
Developments in Paleoenvironmental Research, Volume 17 2015, 325-349 [\[Link\]](#)
- SR-15-b13 Christian Ohlendorf, Volker Wennrich, Dirk Enters**
Experiences with XRF-Scanning of Long Sediment Records
Developments in Paleoenvironmental Research, Volume 17 2015, 351-372 [\[Link\]](#)
- SR-15-b14 John F. Boyle, Richard C. Chiverrell, Dan Schillereff**
Approaches to Water Content Correction and Calibration for μ XRF Core Scanning: Comparing X-ray Scattering with Simple Regression of Elemental Concentrations
Developments in Paleoenvironmental Research, Volume 17 2015, 373-390 [\[Link\]](#)
- SR-15-b15 Ian W. Croudace, Elena Romano, Antonella Ausili, Luisa Bergamin, R. Guy Rothwell**
X-Ray Core Scanners as an Environmental Forensics Tool: A Case Study of Polluted Harbour Sediment (Augusta Bay, Sicily)
Developments in Paleoenvironmental Research, Volume 17 2015, 393-421 [\[Link\]](#)
- SR-15-b16 Helen Miller, Ian W. Croudace, Jonathan M. Bull, Carol J. Cotterill, Justin K. Dix...**
Modern Pollution Signals in Sediments from Windermere, NW England, Determined by Micro-XRF and Lead Isotope Analysis
Developments in Paleoenvironmental Research, Volume 17 2015, 423-442 [\[Link\]](#)
- SR-15-b17 P. Gadd, H. Heijnis, C. Chagué-Goff, A. Zawadzki, D. Fierro, P. Atahan, Ian W. Croudace...**
ITRAX Core Scanner Capabilities Combined with Other Geochemical and Radiochemical Techniques to Evaluate Environmental Changes in a Local Catchment, South Sydney, NSW, Australia
Developments in Paleoenvironmental Research, Volume 17 2015, 443-455 [\[Link\]](#)
- SR-15-b18 Sébastien Bertrand, Konrad Hughen, Liviu Giosan**
Limited Influence of Sediment Grain Size on Elemental XRF Core Scanner Measurements
Developments in Paleoenvironmental Research, Volume 17 2015, 473-490 [\[Link\]](#)
- SR-15-b19 Pierre Francus, Kinuyo Kanamaru, David Fortin**
Standardization and Calibration of X-Radiographs Acquired with the ITRAX Core Scanner
Developments in Paleoenvironmental Research, Volume 17 2015, 491-505 [\[Link\]](#)
- SR-15-b20 G. J. Weltje, M. R. Bloemsa, R. Tjallingii, D. Heslop, U. Röhl, Ian W. Croudace**
Prediction of Geochemical Composition from XRF Core Scanner Data: A New Multivariate Approach Including Automatic Selection of Calibration Samples and Quantification of Uncertainties
Developments in Paleoenvironmental Research, Volume 17 2015, 507-534 [\[Link\]](#)
- SR-15-b21 Stuart Jarvis, Ian W. Croudace, R. Guy Rothwell**
Parameter Optimisation for the ITRAX Core Scanner
Developments in Paleoenvironmental Research, Volume 17 2015, 535-562 [\[Link\]](#)
- SR-15-b22 Daniel N. Schillereff, Richard C. Chiverrell, Ian W. Croudace, John F. Boyle**
An Inter-comparison of μ XRF Scanning Analytical Methods for Lake Sediments
Developments in Paleoenvironmental Research, Volume 17 2015, 583-600 [\[Link\]](#)

SR-15-b23 Sarah J. Kelloway, Colin R. Ward, Christopher E. Marjo, Irene E. Wainwright...

Analysis of Coal Cores Using Micro-XRF Scanning Techniques

Developments in Paleoenvironmental Research, Volume 17 2015, 601-612[\[Link\]](#)**SR-15-b24 Ian W. Croudace, R. Guy Rothwell**

ItraxPlot: An Intuitive Flexible Program for Rapidly Visualising Itrax Data

Developments in Paleoenvironmental Research, Volume 17 2015, 613-624[\[Link\]](#)**SR-15-b25 Ian W. Croudace, R. Guy Rothwell**

Future Developments and Innovations in High-Resolution Core Scanning

Developments in Paleoenvironmental Research, Volume 17 2015, 627-647[\[Link\]](#)

REFEREED (SEDIMENTS) 2016**SR-16-01 Kerstin Kuhn, Jeannet A. Meima, Dieter Rammlmair, Christian Ohlendorf**

Chemical mapping of mine waste drill cores with laser-induced breakdown spectroscopy (LIBS) and energy dispersive X-ray fluorescence (EDXRF) for mineral resource exploration

Journal of Geochemical Exploration, Volume 161, February 2016, Pages 72–84

[\[Link\]](#)

SR-16-02 Huimin Liang, Xi Chen, Chengshan Wang, Dekun Zhao, Helmut Weissert

Methane-derived authigenic carbonates of mid-Cretaceous age in southern Tibet: Types of carbonate concretions, carbon sources, and formation processes

Journal of Asian Earth Sciences, Volume 115, 1 January 2016, Pages 153–169

[\[Link\]](#)

SR-16-03 Sakonvan Chawchai, Malin E. Kylander, Akkaneewut Chabangborn, Ludvig Löwemark, Barbara Wohlfarth

Testing commonly used X-ray fluorescence core scanning-based proxies for organic-rich lake sediments and peat

Boreas, Volume 45, Issue 1, pages 180–189, January 2016

[\[Link\]](#)

SR-16-04 Naomi Holmes, Peter G Langdon, Chris J Caseldine, Stefan Wastegård, Melanie J Leng, Ian W Croudace, Siwan M Davies

Climatic variability during the last millennium in Western Iceland from lake sediment records

The Holocene January 6, 2016

[\[Link\]](#)

SR-16-05 Brian Yellen, Jonathan D. Woodruff, Timothy L. Cook Robert M. Newton

Historically unprecedented erosion from tropical storm Irene due to high antecedent precipitation

Earth Surface Processes and Landforms, Accepted Article (Accepted, unedited articles published online and citable. The final edited and typeset version of record will appear in future.)

[\[Link\]](#)

SR-16-06 Zongqi Duan, Qingsong Liu, Xuefa Shi, Zhengquan Yao, Jianxing Liu, Kai Su

Reconstruction of high-resolution magnetostratigraphy of the Changjiang (Yangtze) River Delta, China

Geophys. J. Int. (February, 2016) 204 (2): 948-960

[\[Link\]](#)

SR-16-07 Nadine Dräger, Achim Brauer, Brian Brademann, Rik Tjallingii, Michał Słowiński, Mirosław Błaszkiwicz, Norbert Schlaak

Spontaneous self-combustion of organic-rich lateglacial lake sediments after freeze-drying

Journal of Paleolimnology, February 2016, Volume 55, Issue 2, pp 185-194

[\[Link\]](#)

SR-16-08 Joshua R. Allin, James E. Hunt, Peter J. Talling, Michael A. Clare, Ed Pope, Douglas G. Masson

Different frequencies and triggers of canyon filling and flushing events in Nazaré Canyon, offshore Portugal

Marine Geology, Volume 371, 1 January 2016, Pages 89–105

[\[Link\]](#)

SR-16-09 Lisa C Orme, Liam Reinhardt, Richard T Jones, Dan J Charman, Ian Croudace, Alastair Dawson, Michael Ellis, Andrew Barkwith

Investigating the maximum resolution of μ XRF core scanners: A 1800 year storminess reconstruction from the Outer Hebrides, Scotland, UK

The Holocene February 2016 vol. 26 no. 2 235-247

[\[Link\]](#)

SR-16-10 Anna Lintern, Paul J. Leahy, Atun Zawadzki, Patricia Gadd, Henk Heijnis, Geraldine Jacobsen, Simon Connor, Ana Deletic, David T. McCarthy

Sediment cores as archives of historical changes in floodplain lake hydrology

Science of The Total Environment, Volume 544, 15 February 2016, Pages 1008–1019

[\[Link\]](#)

SR-16-11 Julie L Commerford, Bérangère Leys, Joshua R Mueller, Kendra K McLaughlan

Great Plains vegetation dynamics in response to fire and climatic fluctuations during the Holocene at Fox Lake, Minnesota (USA)

The Holocene February 2016 vol. 26 no. 2 302-313

[\[Link\]](#)

SR-16-12 Biljana Narancic, Reinhard Pienitz, Bernhard Chaplign, Hanno Meyer, Pierre Francus, Jean-Pierre Guilbault

Postglacial environmental succession of Nettilling Lake (Baffin Island, Canadian Arctic) inferred from biogeochemical and microfossil proxies

Quaternary Science Reviews, Available online 21 January 2016

[\[Link\]](#)

SR-16-13 Pål Ringkjøb Nielsen, Nicholas L Balascio, Svein Olaf Dahl, Henrik Løseth Jansen, Eivind WN Støren, Raymond S Bradley

A high-resolution 1200-year lacustrine record of glacier and climate fluctuations in Lofoten, northern Norway

The Holocene January 12, 2016

[\[Link\]](#)

SR-16-14 Marthe Gjerde, Jostein Bakke, Kristian Vasskog, Atle Nesje, Anne Hormes

Holocene glacier variability and Neoglacial hydroclimate at Ålfotbreen, western Norway
Quaternary Science Reviews, Volume 133, 1 February 2016, Pages 28–47

[\[Link\]](#)**SR-16-15 Neng-Ti Yu, Jiun-Yee Yen, Wen-Shan Chen, I-Chin Yen, Jin-Hsing Liu**

Geological records of western Pacific tsunamis in northern Taiwan: AD 1867 and earlier event deposits
Marine Geology, Volume 372, 1 February 2016, Pages 1–16

[\[Link\]](#)**SR-16-16 Henrik Løseth Jansen, Joachim Riis Simonsen, Svein Olaf Dahl, Jostein Bakke, Pål Ringkjøb Nielsen**

Holocene glacier and climate fluctuations of the maritime ice cap Høgtuvbreen, northern Norway
The Holocene January 6, 2016

[\[Link\]](#)**SR-16-17 Broxton W Bird, Yanbin Lei, Melanie Perello, Pratigya J Polissar, Tandong Yao, Bruce Finney, Daniel Bain, David Pompeani, Lonnie G Thompson**

Late-Holocene Indian summer monsoon, variability revealed from a 3300-year-long lake sediment record from Nir'pa Co, southeastern Tibet
The Holocene, 1–12, DOI: 10.1177/0959683616670220

[\[Link\]](#)**SR-16-18 J. E. T. Channell, R. J. Harrison, I. Lascu, I. N. McCave, F. D. Hibbert, W. E. N. Austin**

Magnetic record of deglaciation using FORC-PCA, sortable-silt grain size, and magnetic excursion at 26 ka, from the Rockall Trough (NE Atlantic)
Geochemistry, Geophysics, Geosystems, Volume 17, Issue 5, May 2016, Pages 1823–1841

[\[Link\]](#)**SR-16-19 Iván Hernández-Almeida, Martin Grosjean, Juan José Gómez-Navarro, Isabelle Larocque-Tobler, Alicja Bonk, Dirk Enters, Alicja Ustrzycka, Natalia Piotrowska, Rajmund Przybylak, Agnieszka Wacnik, Małgorzata Witak, Wojciech Tylmann**

Resilience, rapid transitions and regime shifts: Fingerprinting the responses of Lake Żabińskie (NE Poland) to climate variability and human disturbance since AD 1000
The Holocene, 1–13, DOI: 10.1177/0959683616658529

[\[Link\]](#)**SR-16-20 Ulaş Avşar, Sigurjón Jónsson, Özgür Avşar, Sabine Schmidt**

Earthquake-induced soft-sediment deformations and seismically amplified erosion rates recorded in varved sediments of Köyceğiz Lake (SW Turkey)
Journal of Geophysical Research: Solid Earth, Volume 121, Issue 6, Version of Record online: 28 JUN 2016

[\[Link\]](#)**SR-16-21 Catherine Chagué-Goff, Witold Szczuciński, Tetsuya Shinozaki**

Applications of geochemistry in tsunami research: A review
Earth-Science Reviews, Available online 8 December 2016

[\[Link\]](#)**SR-16-22 David Small, Vincent Rinterknecht, William E.N. Austin, Richard Bates, Douglas I. Benn, James D. Scourse, Didier L. Bourlès, ASTER Team, Fiona D. Hibbert**

Implications of ³⁶Cl exposure ages from Skye, northwest Scotland for the timing of ice stream deglaciation and deglacial ice dynamics
Quaternary Science Reviews, Volume 150, 15 October 2016, Pages 130–145

[\[Link\]](#)**SR-16-23 Iliana Aguilar, Christian Beck, Franck Audemard, Anne-Lise Davelle, Mohammed Boussafir, Corina Campos, Christian Cruzet**

Last millennium sedimentation in the Gulf of Cariaco (NE Venezuela): Evidence for morphological changes of gulf entrance and possible relations with large earthquakes
Comptes Rendus Geoscience, Volume 348, Issue 1, January 2016, Pages 70–79

[\[Link\]](#)**SR-16-24 Anders Schomacker, Skafti Brynjólfsson, Julie M. Andreassen, Esther Ruth Gudmundsdóttir, Jesper Olsen, Bent V. Odgaard, Lena Håkansson, Ólafur Ingólfsson, Nicolaj K. Larsen**

The Drangajökull ice cap, northwest Iceland, persisted into the early-mid Holocene
Quaternary Science Reviews, Volume 148, 15 September 2016, Pages 68–84

[\[Link\]](#)**SR-16-25 Byong-Jae Ryu**

Gas Hydrate Research and Development in Korea
New & Renewable Energy 2016. 9 Vol. 12, No. 3,

[\[Link\]](#)**SR-16-26 Jyh-Jaan Huang, Ludvig Löwemark, Queenie Chang, Tzu-Yu Lin, Huei-Fen Chen, Sheng-Rong Song, Kuo-Yen Wei**

Choosing optimal exposure times for XRF core-scanning: Suggestions based on the analysis of geological reference materials
Geochemistry, Geophysics, Geosystems—volcanology, geology and geophysics, Volume 17, Issue 10, October 2016

[\[Link\]](#)**SR-16-27 S. J. Kermode, H. Heijnis, H. Wong, A. Zawadzki, P. Gadd, A. Permana**

A Ramsar-wetland in suburbia: wetland management in an urbanised, industrialised area
Marine and Freshwater Research 67(6) 771-781

[\[Link\]](#)

SR-16-28 Anderson Atholl, Stothert Karen, Martinsson-Wallin Helene, Wallin Paul, Flett Iona, Haberle Simon, Heijnis Henk, Rhodes Edward

Reconsidering Precolumbian Human Colonization in the Galápagos Islands, Republic of Ecuador
Latin American Antiquity, Volume 27, Number 2, June 2016, pp. 169-183(15)

[\[Link\]](#)**SR-16-29 Aleksandra Zawalna-Geer, Jan M. Lindsay, Siwan Davies, Paul Augustinus, Sarah Davies**

Extracting a primary Holocene cryptoptephra record from Pupuke maar sediments, Auckland, New Zealand
Journal of Quaternary Science, Volume 31, Issue 5, July 2016, Pages 442-457

[\[Link\]](#)**SR-16-30 T.O. Hodson, R.D. Powell, S.A. Brachfeld, S. Tulaczyk, R.P. Scherer, WISSARD Science Team,**

Physical processes in Subglacial Lake Whillans, West Antarctica: Inferences from sediment cores
Earth and Planetary Science Letters, Volume 444, 15 June 2016, Pages 56-63

[\[Link\]](#)**SR-16-31 Christine M. Brandon, Jonathan D. Woodruff, Philip M. Orton, Jeffrey P. Donnelly**

Evidence for elevated coastal vulnerability following large-scale historical oyster bed harvesting
Earth Surface Processes and Landforms, Volume 41, Issue 8, 30 June 2016, Pages 1136-1143

[\[Link\]](#)**SR-16-32 Lydia Mackenzie, Henk Heijnis, Patricia Gadd, Patrick Moss, James Shulmeister**

Geochemical investigation of the South Wellesley Island wetlands: Insight into wetland development during the Holocene in tropical northern Australia
The Holocene, 2016, DOI: 10.1177/0959683616670219

[\[Link\]](#)**SR-16-33 Paula Álvarez-Iglesias, Isabel Rodríguez-Germade, Belén Rubio, Daniel Rey, Begoña Quintana, Jorge Millos**

Timing of lead sources and bioavailability in sediments from San Simón Bay (NW Spain): core scanners as complementary tools
XVIII Seminario Ibérico de Química Marina, Alicante (España), 20-22 Julio 2016, p9-11

[\[Link\]](#)**SR-16-34 Hai Cheng Christoph Spötl, Sebastian F. M. Breitenbach, Ashish Sinha, Jasper A. Wassenburg, Klaus Peter Jochum, Denis Scholz, Xianglei Li, Liang Yi, Youbing Peng, Yanbin Lv, Pingzhong Zhang, Antonina Votintseva, Vadim Loginov, Youfeng Ning, Gayatri Kathayat, R. Lawrence Edwards**

Climate variations of Central Asia on orbital to millennial timescales
Sci Rep. 2016; 5: 36975.

[\[Link\]](#)**SR-16-35 Eivind W. N. Støren, Øyvind Paasche, Ann M. Hirt, Monika Kumari**

Magnetic and geochemical signatures of flood layers in a lake system
Geochemistry, Geophysics, Geosystems, Volume 17, Issue 10, October 2016, Pages 4236-4253

[\[Link\]](#)**SR-16-36 Anne Beaudoin, Reinhard Pienitz, Pierre Francus, Christian Zdanowicz, Guillaume St-Onge**

Palaeoenvironmental history of the last six centuries in the Nettilling Lake area (Baffin Island, Canada): A multi-proxy analysis
The Holocene, 2016, Vol. 26(11) 1835-1846

[\[Link\]](#)**SR-16-37 Volker Wennrich, Andrei A. Andreev, Pavel E. Tarasov, Grigory Fedorov, Wenwei Zhao, Catalina A. Gebhardt, Carsten Meyer-Jacob, Jeffrey A. Snyder, Norbert R. Nowaczyk, Georg Schwamborn, Bernhard Chaplignin, Patricia M. Anderson, Anatoly V. Lozhkin, Pavel S. Minyuk, Christian Koeberl, Martin Melles**

Impact processes, permafrost dynamics, and climate and environmental variability in the terrestrial Arctic as inferred from the unique 3.6 Myr record of Lake El'gygytgyn, Far East Russia e A review
Quaternary Science Reviews 147 (2016) 221-244

[\[Link\]](#)**SR-16-38 Shihao Liu, Peiying Li, Aiping Feng, Jun Du, Wei Gao, Yuanqin Xu, Xiaoxiao Yu, Ping Li, Xueliang Nan**

Seismic and core investigation on the modern Yellow River Delta reveals the development of the uppermost fluvial deposits and the subsequent transgression system since the postglacial period
Journal of Asian Earth Sciences, Volume 128, 1 October 2016, Pages 158-180

[\[Link\]](#)**SR-16-39 Jyh-Jaan Huang, Chih-An Huh, Kuo-Yen Wei, Ludvig Löwemark, Shu-Fen Lin, Wen-Hsuan Liao, Tien-Nan Yang, Sheng-Rong Song, Meng-Yang Lee, Chih-Chieh Su, Teh-Quei Lee**

Disentangling Natural and Anthropogenic Signals in Lacustrine Records: An Example from the Ilan Plain, NE Taiwan
Front. Earth Sci., 16 November 2016

[\[Link\]](#)**SR-16-40 Ed L. Pope, Peter J. Talling, James E. Hunt, Julian A. Dowdeswell, Joshua R. Allin, Matthieu J.B. Cartigny, David Long, Alessandro Mozzato, Jennifer D. Stanford, David R. Tappin, Millie Watts**

Long-term record of Barents Sea Ice Sheet advance to the shelf edge from a 140,000 year record
Quaternary Science Reviews, Volume 150, 15 October 2016, Pages 55-66

[\[Link\]](#)**SR-16-41 Allen P. Nutman, Vickie C. Bennett, Clark R. L. Friend, Martin J. Van Kranendonk, Allan R. Chivas**

Rapid emergence of life shown by discovery of 3,700-million-year-old microbial structures
Nature 537, 535-538 (22 September 2016)

[\[Link\]](#)

SR-16-42 Neil Roberts, Samantha L. Allcock, Fabien Arnaud, Jonathan R. Dean, Warren J. Eastwood, Matthew D. Jones, Melanie J. Leng, Sarah E. Metcalfe, Emmanuel Malet, Jessie Woodbridge, Hakan Yiğitbaşıoğlu

A tale of two lakes: a multi-proxy comparison of Lateglacial and Holocene environmental change in Cappadocia, Turkey
Journal of Quaternary Science, Volume 31, Issue 4, May 2016, Pages 348–362

[\[Link\]](#)

SR-16-43 Catherine Chagué-Goff, Jordan Chi Hang Chan, James Goff, Patricia Gadd

Late Holocene record of environmental changes, cyclones and tsunamis in a coastal lake, Mangaia, Cook Islands
Island Arc, Volume 25, Issue 5, September 2016, Pages 333–349

[\[Link\]](#)

SR-16-44 Sergio Contreras, Josef P. Werne, Erik T. Brown, R. Scott Anderson, Peter J. Fawcett

A molecular isotope record of climate variability and vegetation response in southwestern North America during mid-Pleistocene glacial/interglacial cycles

Palaeogeography, Palaeoclimatology, Palaeoecology 459 (2016) 338–347

[\[Link\]](#)

SR-16-45 Ulaş Avşar, Jónsson, Áslaug Geirsdóttir, Thor Thordarson

A 2500 year paleoseismic record of the Húsavík-Flatey Fault inferred from the sediments of Botnsvatn Lake (North Iceland)
International Workshop on Earthquakes in North Iceland Húsavík, North Iceland, 31 May - 3 June 2016, p 21

[\[Link\]](#)

SR-16-46 M.A. Burrows, H. Heijnis, P. Gadd, S.G. Haberle

A new late Quaternary palaeohydrological record from the humid tropics of northeastern Australia

Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 451, 1 June 2016, Pages 164–182

[\[Link\]](#)

SR-16-47 Lyudmila S Shumilovskikh, Kristen Hopper, Morteza Djamali, Philippe Poneil, François Demory, Frauke Rostek, Kazuyo Tachikawa, Felix Bittmann, Alexandra Golyeva, Frédéric Guibal, Brigitte Talon, Liang-Chi Wang, Masoud Nezamabadi, Edouard Bard, Hamid Lahijani, Jebrael Nokandeh, Hamid Omrani Rekavandi, Jacques-Louis de Beaulieu, Eberhard Sauer, Valérie Andrieu-Poneil

Landscape evolution and agro-sylvo-pastoral activities on the Gorgan Plain (NE Iran) in the last 6000years
The Holocene, 2016, Vol. 26(10) 1676–1691

[\[Link\]](#)

SR-16-48 Nadine Dräger, Martin Theuerkauf, Krystyna Szeroczyńska, Sabine Wulf, Rik Tjallingii, Birgit Plessen, Ulrike Kienel, Achim Brauer

Varve microfacies and varve preservation record of climate change and human impact for the last 6000years at Lake Tiefer See (NE Germany)

The Holocene, 2016, DOI: 10.1177/0959683616660173

[\[Link\]](#)

SR-16-49 Antony J. Long, Natasha L. M. Barlow, Sue Dawson, Jon Hill, James B. Innes, Catherine Kelham, Fraser D. Milne, Alastair Dawson

Lateglacial and Holocene relative sea-level changes and first evidence for the Storegga tsunami in Sutherland, Scotland
Journal of Quaternary Science, Volume 31, Issue 3, April 2016, Pages 239–255

[\[Link\]](#)

SR-16-50 Marta Szal, Mirosława Kupryjanowicz, Wojciech Tylmann, Natalia Piotrowska

Was it 'terra desolata'? Conquering and colonizing the medieval Prussian wilderness in the context of climate change.

The Holocene, 2016, DOI: 10.1177/0959683616660167

[\[Link\]](#)

SR-16-51 Anna Lintern, Paul J. Leahy, Henk Heijnis, Atun Zawadzki, Patricia Gadd, Geraldine Jacobsen, Ana Deletic, David T. Mccarthy

Identifying heavy metal levels in historical flood water deposits using sediment cores

Water Research, Volume 105, 15 November 2016, Pages 34–46

[\[Link\]](#)

SR-16-52 Pål Ringkjøb Nielsen, Svein Olaf Dahl, Henrik Løseth Jansen, Eivind N. Støren

Holocene aeolian sedimentation and episodic mass-wasting events recorded in lacustrine sediments on Langøya in Vesterålen, northern Norway

Quaternary Science Reviews, Volume 148, 15 September 2016, Pages 146–162

[\[Link\]](#)

SR-16-53 Xiqiang Wang, Zhangdong Jin, Liumei Chen, Jun Xiao, Fei Zhang

High-resolution X-ray fluorescence core scanning of landslide-dammed reservoir sediment sequences on the Chinese Loess Plateau: New insights into the formation and geochemical processes of annual freeze-thaw layers

Geoderma, Volume 279, 1 October 2016, Pages 122–131

[\[Link\]](#)

SR-16-54 Pål Ringkjøb Nielsen, Svein Olaf Dahl, Henrik Løseth Jansen

Mid- to late Holocene aeolian activity recorded in a coastal dunefield and lacustrine sediments on Andøya, northern Norway
The Holocene, 2016, Vol. 26(9) 1486–1501

[\[Link\]](#)

SR-16-55 Colin J. Courtney Mustaphi, Esther N. Githumbi, Lauren R. Shotter, Stephen M. Rucina, Rob Marchant

Subfossil statoblasts of *Lophopodella capensis* (Sollas, 1908) (Bryozoa, Phylactolaemata, Lophopodidae) in the Upper Pleistocene and Holocene sediments of a montane wetland, Eastern Mau Forest, Kenya

Africa Invertebrates 57(1): 39–52 (2016)

[\[Link\]](#)

SR-16-56 Melissa L. Chipman, George W. Kling, Craig C. Lundstrom, Feng Sheng Hu

Multiple thermo-erosional episodes during the past six millennia: Implications for the response of Arctic permafrost to climate change

Geology, v. 44 no. 6 p. 439-442

[\[Link\]](#)

SR-16-57 吴峰, 郭来源, 张道军, 解习农, 尤丽, 杜学斌, 何云龙, 商志垒, 许马光

基于高精度岩心扫描元素数据的高频层序划分: 以西科 1 井第四系生物礁滩体系为例

Geological Science and Technology Information, vol 35, no 5, sept, 2016

[\[Link\]](#)

SR-16-58 Mikkel W. Pedersen, Anthony Ruter, Charles Schweger, Harvey Friebe, Richard A. Staff, Kristian K. Kjeldsen, Marie L. Z. Mendoza, Alwynne B. Beaudoin, Cynthia Zutter, Nicolaj K. Larsen, Ben A. Potter, Rasmus Nielsen, Rebecca A. Rainville, Ludovic Orlando, David J. Meltzer, Kurt H. Kjær, Eske Willerslev

Postglacial viability and colonization in North America's ice-free corridor

Nature 537, 45-49 (01 September 2016)

[\[Link\]](#)

SR-16-59 Markus Czymzik, Stefan Dreibrodt, Ingo Feeser, Florian Adolphi, Achim Brauer

Mid-Holocene humid periods reconstructed from calcite varves of the Lake Woserin sediment record (north-eastern Germany)

The Holocene, 2016, Vol. 26(6) 935-946

[\[Link\]](#)

SR-16-60 Lei Huang, Liping Zhu, Junbo Wang, Jianting Ju, Yong Wang, Jifeng Zhang, Ruimin Yang

Glacial activity reflected in a continuous lacustrine record since the early Holocene from the proglacial Laigu Lake on the southeastern Tibetan Plateau

Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 456, 15 August 2016, Pages 37-45

[\[Link\]](#)

SR-16-61 Niels Emil Sørensen, Bent Vad Odgaard, Anne Birgitte Nielsen, Jesper Olsen, Søren M. Kristiansen

Late Holocene landscape development around a Roman Iron Age mass grave, Alken Enge, Denmark

Vegetation History and Archaeobotany, pp 1-16

[\[Link\]](#)

SR-16-62 Colin V. Murray-Wallace

QSR editorial

Quaternary Science Reviews, Volume 142, 15 June 2016, Pages A1-A2

[\[Link\]](#)

SR-16-63 Tommy Andersson, Otto Hermelin, Alasdair Skelton, Martin Jakobsson

Bottom characterization of Lagoa das Furnas on São Miguel, Azores archipelago

Journal of Volcanology and Geothermal Research, Volume 321, 15 July 2016, Pages 196-207

[\[Link\]](#)

SR-16-64 臺灣大學生物環境系統工程學研究所學位論文

Monitoring Heavy Metal Ions in Water by Using Ion Exchange Resin Packs

DOI : 10.6342/NTU201600491

[\[Link\]](#)

SR-16-65 Nicolaj K. Larsen, Jesper Find, Anders Kristensen, Anders A. Bjørk, Kristian K. Kjeldsen, Bent V. Odgaard, Jesper Olsen, Kurt H. Kjær

Holocene ice marginal fluctuations of the Qassimiut lobe in South Greenland

Sci Rep. 2016; 6: 22362.

[\[Link\]](#)

SR-16-66 L Dezileau, R Lehu, S Lallemand, S-K Hsu

Historical Reconstruction of Submarine Earthquakes Using 210Pb, 137Cs, and 241Am Turbidite Chronology and Radiocarbon Reservoir Age Estimation off East Taiwan

Radiocarbon, 2016, p. 1-12

[\[Link\]](#)

SR-16-67 Elise Doyen, David Etienne

Ecological and human land-use indicator value of fungal spore morphotypes and assemblages

Vegetation History and Archaeobotany, pp 1-11, DOI 10.1007/s00334-016-0599-2

[\[Link\]](#)

SR-16-68 E. Doyen, C. Bégeot, A. Simonneau, L. Millet, E. Chapron, F. Arnaud, B. Vannièrè

Land use development and environmental responses since the Neolithic around Lake Paladru in the French Pre-alps

Journal of Archaeological Science: Reports, Volume 7, June 2016, Pages 48-59

[\[Link\]](#)

SR-16-69 Lydia Mackenzie, Henk Heijnis, Patricia Gadd, Patrick Moss, James Shulmeister

Frequency and intensity of palaeofloods at the interface of Atlantic and Mediterranean climate domains

The Holocene, DOI: 10.1177/0959683616670219

[\[Link\]](#)

SR-16-70 Rebecca Elizabeth Smith, Jonathan James Tyler, Jessica Reeves, Simon Blockley, Geraldine Ellen Jacobsen

First Holocene cryptotephra in mainland Australia reported from sediments at Lake Keilambete, Victoria, Australia

Quaternary Geochronology, Available online 18 August 2016

[\[Link\]](#)

SR-16-71 Xiao Liu, Jie Liu, Xiuli Feng

Study on the marine sedimentary environment evolution of the southern Laizhou Bay under the impact of port projects
Journal of Ocean University of China, June 2016, Volume 15, Issue 3, pp 553–560

[\[Link\]](#)**SR-16-72 Christopher V. Maio, Jeffrey P. Donnelly, Richard Sullivan, Stephanie M. Madsen, Christopher R. Weidman, Allen M. Gontz, Vitalii A. Sheremet**

Sediment dynamics and hydrographic conditions during storm passage, Waquoit Bay, Massachusetts
Marine Geology, Volume 381, 1 November 2016, Pages 67–86

[\[Link\]](#)**SR-16-73 K.M. Grant, R. Grimm, U. Mikolajewicz, G. Marino, M. Ziegler, E.J. Rohling**

The timing of Mediterranean sapropel deposition relative to insolation, sea-level and African monsoon changes
Quaternary Science Reviews, Volume 140, 15 May 2016, Pages 125–141

[\[Link\]](#)**SR-16-74 Markus Czymzik, Florian Adolphi, Raimund Muscheler, Florian Mekhaldi, Celia Martin-Puertas, Ala Aldahan, Göran Possnert, Achim Brauer**

A varved lake sediment record of the 10Be solar activity proxy for the Lateglacial-Holocene transition
Quaternary Science Reviews, Volume 153, 1 December 2016, Pages 31–39

[\[Link\]](#)**SR-16-75 Martin Klug, Ole Bennike, Bernd Wagner**

Late Pleistocene to early Holocene environmental changes on Store Koldewey, coastal north-east Greenland
Polar Research 2016, 35, 21912, <http://dx.doi.org/10.3402/polar.v35.21912>

[\[Link\]](#)**SR-16-76 I. Neugebauer, M. J. Schwab, N. D. Waldmann, R. Tjallingii, U. Frank, E. Hadzhiivanova, R. Naumann, N. Taha, A. Agnon, Y. Enzel, A. Brauer**

Hydroclimatic variability in the Levant during the early last glacial (~ 117–75 ka) derived from micro-facies analyses of deep

Dead Sea sediments

Clim. Past, 12, 75-90, 2016, <http://www.clim-past.net/12/75/2016/>

[\[Link\]](#)**SR-16-77 Agnieszka Wacnik, Wojciech Tylmann, Alicja Bonk, Tomasz Goslar, Dirk Enters, Carsten Meyer-Jacob, Martin Grosjean**

Determining the responses of vegetation to natural processes and human impacts in north-eastern Poland during the last millennium: combined pollen, geochemical and historical data

Vegetation History and Archaeobotany, September 2016, Volume 25, Issue 5, pp 479–498

[\[Link\]](#)**SR-16-78 Laurent Dezileau, Angel Pérez-Ruzafa, Philippe Blanchemanche, Jean-Philippe Degeai, Otmane Raji, Philippe Martinez, Concepcion Marcos, Ulrich Von Grafenstein**

Extreme storms during the last 6500 years from lagoonal sedimentary archives in the Mar Menor (SE Spain)

Clim. Past, 12, 1389-1400, 2016, <http://www.clim-past.net/12/1389/2016/>

[\[Link\]](#)**SR-16-79 Patricia Roeser, Sven O. Franz, Thomas Litt**

Aragonite and calcite preservation in sediments from Lake Izniik related to bottom lake oxygenation and water column depth
Sedimentology, Volume 63, Issue 7, December 2016, Pages 2253–2277

[\[Link\]](#)**SR-16-80 Elisabeth Dietze, Michał Słowiński, Izabela Zawiska, Georg Veh, Achim Brauer**

Multiple drivers of Holocene lake level changes at a lowland lake in northeastern Germany

Boreas, Volume 45, Issue 4, October 2016, Pages 828–845

[\[Link\]](#)**SR-16-81 Ruchi Bhattacharya, Sonja Hausmann, J. Bradford Hubeny, Peter Gell, Jessica L. Black**

Ecological response to hydrological variability and catchment development: Insights from a shallow oxbow lake in Lower Mississippi Valley, Arkansas

Science of The Total Environment, Volumes 569–570, 1 November 2016, Pages 1087–1097

[\[Link\]](#)**SR-16-82 Jasmijn van't Hoff, Tabea Schröder, Peter Held, Stephan Opitz, Bernd Wagner, Klaus Reicherter, Martin Melles**

Modern sedimentation processes in Laguna de Medina, southern Spain, derived from lake surface sediment and catchment soil samples

Journal of Limnology, DOI: <http://dx.doi.org/10.4081/jlimnol.2016.1499>

[\[Link\]](#)**SR-16-83 Léo Chassiot, Emmanuel Chapron, Christian Di Giovanni, Patrick Lajeunesse, Kazuyo Tachikawa, Marta Garcia, Edouard Bard**

Historical seismicity of the Mont Dore volcanic province (Auvergne, France) unraveled by a regional lacustrine investigation: New insights about lake sensitivity to earthquakes

Sedimentary Geology, Volume 339, 15 June 2016, Pages 134–150

[\[Link\]](#)**SR-16-84 Quentin Simon, Nicolas Thouveny, Didier L. Boulès, Laurence Nuttin, Claude Hillaire-Marcel, Guillaume St-Onge**

Authigenic $^{10}\text{Be}/^{9}\text{Be}$ ratios and ^{10}Be -fluxes (^{230}Th -normalized) in central Baffin Bay sediments during the last glacial cycle: Paleoenvironmental implications

Quaternary Science Reviews, Volume 140, 15 May 2016, Pages 142–162

[\[Link\]](#)

SR-16-85 Aleksandra Cvetkoska, Elena Jovanovska, Alexander Francke, Slavica Tofilovska, Hendrik Vogel, Zlatko Levkov, Timme H. Donders, Bernd Wagner, Friederike Wagner-Cremer

Ecosystem regimes and responses in a coupled ancient lake system from MIS 5b to present: the diatom record of lakes Ohrid and Prespa

Biogeosciences, 13, 3147–3162, 2016

[\[Link\]](#)

SR-16-86 陳宇璜 - 臺灣大學海洋研究所學位論文

Modern sedimentation and extreme events in the South China Sea

DOI : 10.6342/NTU201603065

[\[Link\]](#)

SR-16-87 Niklas Leicher, Giovanni Zanchetta, Roberto Sulpizio, Biagio Giaccio, Bernd Wagner, Sebastien Nomade, Alexander Francke, Paola Del Carlo

First tephrostratigraphic results of the DEEP site record from Lake Ohrid (Macedonia and Albania)

Biogeosciences, 13, 2151–2178, 2016

[\[Link\]](#)

SR-16-88 Michael R. Toomey, Jeffrey P. Donnelly, Jessica E. Tierney

South Pacific hydrologic and cyclone variability during the last 3000 years

Paleoceanography, Volume 31, Issue 11, Issue Publication: November 2016

[\[Link\]](#)

SR-16-89 Katharina Häusler, Matthias Moros, Lukas Wacker, Lars Hammerschmidt, Olaf Dellwig, Thomas Leipe, Aarno Kotilainen, Helge W. Arz

Mid- to late Holocene environmental separation of the northern and central Baltic Sea basins in response to differential land uplift

Boreas, DOI: 10.1111/bor.12198

[\[Link\]](#)

SR-16-90 Karoline Henkel, Torsten Haberzettl, Guillaume St-Onge, Junbo Wang, Marieke Ahlborn, Gerhard Daut, Liping Zhu, Roland Mäusbacher

High-resolution paleomagnetic and sedimentological investigations on the Tibetan Plateau for the past 16 ka cal B.P.—The Tangra Yumco record

Geochemistry, Geophysics, Geosystems, Volume 17, Issue 3, March 2016, p 774–790

[\[Link\]](#)

SR-16-91 Alicja Bonk, Małgorzata KinderDirk EntersMartin GrosjeanCarsten Meyer-JacobWojciech Tylmann

Sedimentological and geochemical responses of Lake Żabińskie (north-eastern Poland) to erosion changes during the last millennium

Journal of Paleolimnology, October 2016, Volume 56, Issue 2, pp 239–252

[\[Link\]](#)

SR-16-92 Ferreol Salomon, Simon Keay, Nicolas Carayon, Jean-Philippe Goiran

The Development and Characteristics of Ancient Harbours—Applying the PADM Chart to the Case Studies of Ostia and Portus

PLOS ONE, DOI:10.1371/journal.pone.0162587 September 15, 2016

[\[Link\]](#)

SR-16-93 Camille Thomas, Yael Ebert, Yael Kiro, Mordechai Stein, Daniel Ariztegui, the DSDDP Scientific Team

Microbial sedimentary imprint on the deep Dead Sea sediment

The Depositional Record, Volume 2, Issue 1, May 2016, Pages 118–138

[\[Link\]](#)

SR-16-94 Benjamin Bellwald, Berit Oline Hjelstuen, Hans Petter Sejrup, Hafliði Hafliðason

Postglacial mass movements and depositional environments in a high-latitude fjord system – Hardangerfjorden, Western Norway

Marine Geology, Volume 379, 1 September 2016, Pages 157–175

[\[Link\]](#)

SR-16-95 Laurence Vidal, Ali Rhoujjati, Rachid Adallal, Guillaume Jouve, Edouard Bard, Abdel Benkaddour, Emmanuel Chapron, Thierry Courp, Laurent Dezileau, Marta Garcia, Bertil Hebert, Anaëlle Simonneau, Corinne Sonzogni, Florence Sylvestre, Tachikawa Kazuyo, Christine Vallet-Coulomb, Elisabeth Viry

Past hydrological variability in the Moroccan Middle Atlas inferred from lakes and lacustrine sediments

HAL-INSU: Archives ouvertes CNRS-INSU, Vidaletal.2016-COP22-Chap1.pdf

[\[Link\]](#)

SR-16-96 N. Höbig, R. Mediavilla, L. Gibert, J.I. Santisteban, D.I. Cendón, J. Ibáñez, K. Reicherter

Palaeohydrological evolution and implications for palaeoclimate since the Late Glacial at Laguna de Fuente de Piedra, southern Spain

Quaternary International, Volume 407, Part A, 2 July 2016, Pages 29–46

[\[Link\]](#)

SR-16-97 Karsten Schitteck, Sebastian T. Kock, Andreas Lücke, Jonathan Hense, Christian Ohlendorf, Julio J. Kulemeyer, Liliana C. Lupo, Frank Schäbitz

A high-altitude peatland record of environmental changes in the NW Argentine Andes (24° S) over the last 2100 years

Clim. Past, 12, 1165–1180, 2016

[\[Link\]](#)

- SR-16-98 Scott Mensing, Irene Tunno, Gabriele Cifani, Susanna Passigli, Paula Noble, Claire Archer, Gianluca Piovesan**
Human and climatically induced environmental change in the Mediterranean during the Medieval Climate Anomaly and Little Ice Age: A case from central Italy
Anthropocene, Volume 15, September 2016, Pages 49–59 [\[Link\]](#)
- SR-16-99 Anna Pliikk, Karin F. Helmens, María Fernández-Fernández, Malin Kylander, Ludvig Löwemark, Jan Risberg, J. Sakari Salonen, Minna Väliranta, Jan Weckström**
Development of an Eemian (MIS 5e) Interglacial palaeolake at Sokli (N Finland) inferred using multiple proxies
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 463, 1 December 2016, Pages 11–26 [\[Link\]](#)
- SR-16-100 Lyudmila S. Shumilovskikh, Martin Seeliger, Stefan Feuser, Elena Novenko, Frank Schlütz, Anna Pint, Felix Pirson, Helmut Brückner**
The harbour of Elaia: A palynological archive for human environmental interactions during the last 7500 years
Quaternary Science Reviews, Volume 149, 1 October 2016, Pages 167–187 [\[Link\]](#)
- SR-16-101 Florian Ott, Sabine Wulf, Johanna Serb, Michał Słowiński, Milena Obremska, Rik Tjallingii, Mirosław Błaszczewicz, Achim Brauer**
Constraining the time span between the Early Holocene Håsseldalen and Askja-S Tephra through varve counting in the Lake Czechowskie sediment record, Poland
Journal of Quaternary Science, Volume 31, Issue 2, February 2016, Pages 103–113 [\[Link\]](#)
- SR-16-102 Youbin Sun, Lianji Liang, Jan Bloemendal, Ying Li, Feng Wu, Zhengquan Yao, Yanguang Liu**
High-resolution scanning XRF investigation of Chinese loess and its implications for millennial-scale monsoon variability
Journal of Quaternary Science, Volume 31, Issue 3, April 2016, Pages 191–202 [\[Link\]](#)
- SR-16-103 T. Tesi, F. Muschitiello, R. H. Smittenberg, M. Jakobsson, J. E. Vonk, P. Hill, A. Andersson, N. Kirchner, R. Noormets, O. Dudarev, I. Semiletov, Ö Gustafsson**
Massive remobilization of permafrost carbon during post-glacial warming
Nature Communications 7, Article number: 13653 (2016) [\[Link\]](#)
- SR-16-104 Josefine Lenz, Benjamin M. Jones, Sebastian Wetterich, Rik Tjallingii, Michael Fritz, Christopher D. Arp, Natalia Rudaya, Guido Grosse**
Impacts of shore expansion and catchment characteristics on lacustrine thermokarst records in permafrost lowlands, Alaska Arctic Coastal Plain
Arktos, December 2016, 2:25 [\[Link\]](#)
- SR-16-105 Christoph Butz, Martin Grosjean, Anna Poraj-Górska, Dirk Enters, Wojciech Tylmann**
Sedimentary Bacteriopheophytin a as an indicator of meromixis in varved lake sediments of Lake Jaczno, north-east Poland, CE 1891–2010
Global and Planetary Change, Volume 144, September 2016, Pages 109–118 [\[Link\]](#)
- SR-16-106 Ulrike Kienel, Georgiy Kirillin, Brian Brademann, Birgit Plessen, Reinhard Lampe, Achim Brauer**
Effects of spring warming and mixing duration on diatom deposition in deep Tiefer See, NE Germany
Journal of Paleolimnology, pp 1–13 [\[Link\]](#)
- SR-16-107 Stefan Engels, Achim Brauer, Nico Buddelmeijer, Celia Martín-Puertas, Oliver Rach, Dirk Sachse, Bas van Geel**
Subdecadal-scale vegetation responses to a previously unknown late-Allerød climate fluctuation and Younger Dryas cooling at Lake Meerfelder Maar (Germany)
Journal of Quaternary Science, Volume 31, Issue 7, October 2016, Pages 741–752 [\[Link\]](#)
- SR-16-108 Sonja Berg, Duanne A. White, Ole Bennike, Réka-H. Fülöp, David Fink, Bernd Wagner, Martin Melles**
Unglaciaded areas in East Antarctica during the Last Glacial (Marine Isotope Stage 3) – New evidence from Rauer Group
Quaternary Science Reviews, Volume 153, 1 December 2016, Pages 1–10 [\[Link\]](#)
- SR-16-109 Giuliana Panieri, Carolyn A. Graves, Rachael H. James**
Paleo-methane emissions recorded in foraminifera near the landward limit of the gas hydrate stability zone offshore western Svalbard
Geochemistry, Geophysics, Geosystems, Volume 17, Issue 2, February 2016, p 521–537 [\[Link\]](#)
- SR-16-110 Janna Just, Norbert R. Nowaczyk, Leonardo Sagnotti, Alexander Francke, Hendrik Vogel, Jack H. Lacey, Bernd Wagner**
Environmental control on the occurrence of high-coercivity magnetic minerals and formation of iron sulfides in a 640 ka sediment sequence from Lake Ohrid (Balkans)
Biogeosciences, 13, 2093–2109, 2016 [\[Link\]](#)

SR-16-111 Michael Endler, Rudolf Endler, Jens Wunderlich, Bernd Bobertz, Thomas Leipe, Matthias Morosa, Jørn Bo Jensen, Helge W. Arz

Geo-acoustic modelling of late and postglacial sedimentary units in the Baltic Sea and their acoustic visibility
Marine Geology, Volume 376, 1 June 2016, Pages 86–101

[\[Link\]](#)

SR-16-112 Marieke Ahlborn, Torsten Haberzettl, Junbo Wang, Karoline Henkel, Thomas Kasper, Gerhard Daut, Liping Zhu, Roland Mäusbacher

Synchronous pattern of moisture availability on the southern Tibetan Plateau since 17.5 cal. ka BP – the Tangra Yumco lake sediment record

Boreas, DOI: 10.1111/bor.12204

[\[Link\]](#)

SR-16-113 Anja Isaack, Eberhard Gischler, J. Harold Hudson, Flavio S. Anselmetti, Andreas Lohner, Hendrik Vogel, Eva Garbode, Gilbert F. Camoin,

A new model evaluating Holocene sediment dynamics: Insights from a mixed carbonate–siliciclastic lagoon (Bora Bora, Society Islands, French Polynesia, South Pacific)

Sedimentary Geology, Volume 343, 15 August 2016, Pages 99–118

[\[Link\]](#)

SR-16-114 Matthias Moros, Thorbjørn J. Andersen, Detlef Schulz-Bull, Katharina Häusler, Dennis Bunke, Ian Snowball, Aarno Kotilainen, Lovisa Zillén, Jørn B. Jensen, Karoline Kabel, Ines Hand, Thomas Leipe, Bryan C. Lougheed, Bernd Wagner, Helge W. Arz

Towards an event stratigraphy for Baltic Sea sediments deposited since AD 1900: approaches and challenges

Boreas, DOI: 10.1111/bor.12193

[\[Link\]](#)

SR-16-115 Zhengquan Yao, Xuefa Shi, Xiaoyan Li, Yanguang Liu, Jian Liu, Shuqing Qiao, Yazhi Bai, Xin Wang, Aimei Zhu, Xuchen Wang

Sedimentary environment and paleo-tidal evolution of the eastern Bohai Sea, China since the last glaciation

Quaternary International, Available online 29 April 2016

[\[Link\]](#)

SR-16-116 Marius W. Buechi, Stephan M. Frank, Hans Rudolf Graf, John Menzies, Flavio S. Anselmetti

Subglacial emplacement of tills and meltwater deposits at the base of overdeepened bedrock troughs

Sedimentology, DOI: 10.1111/sed.12319

[\[Link\]](#)

SR-16-117 Hannah E. Baranes, Jonathan D. Woodruff, Davin J. Wallace, Kinuyo Kanamaru, Timothy L. Cook

Sedimentological records of the C.E. 1707 Hōei Nankai Trough tsunami in the Bungo Channel, southwestern Japan

Natural Hazards, November 2016, Volume 84, Issue 2, pp 1185–1205

[\[Link\]](#)

SR-16-118 Avery L. C. Shinneman, Charles E. Umbanhowar Jr., Mark B. Edlund, William O. Hobbs, Philip Camill, Christoph Geiss

Diatom assemblages reveal regional-scale differences in lake responses to recent climate change at the boreal-tundra ecotone, Manitoba, Canada

Journal of Paleolimnology, December 2016, Volume 56, Issue 4, pp 275–298

[\[Link\]](#)

SR-16-119 Laurence VIDAL, Ali RHOJJATI, Rachid ADALLAL, Guillaume JOUVE, Edouard BARD, Abdel BENKADDOUR, Emmanuel CHAPRON, Thierry COURP, Laurent DEZILEAU, Marta GARCIA, Bertil HEBERT, Anaëlle SIMMONEAU, Corinne SONZOGNI, Florence SYLVESTRE, Kazuyo TACHIKAWA, Christine VALLET-COULOMB, Elisabeth VIRY

Past hydrological variability in the Moroccan Middle Atlas inferred from lakes and lacustrine sediments

The Mediterranean Region under Climate Change, A Scientific Update p57-69

[\[Link\]](#)

SR-16-120 Xuefa Shi, Zhengquan Yao, Qingsong Liu, Juan Cruz Larrasoaña, Yazhi Bai, Yanguang Liu, Jihua Liu, Peng Cao, Xiaoyan Li, Shuqing Qiao, Kunshan Wang, Xisheng Fang, Taoyu Xu

Sedimentary architecture of the Bohai Sea China over the last 1 Ma and implications for sea-level changes

Earth and Planetary Science Letters, Volume 451, 1 October 2016, Pages 10–21

[\[Link\]](#)

SR-16-121 Jorien E. Vonk, Angela F. Dickens, Liviu Giosan, Zainab A. Hussain, Bokyoung Kim, Samuel C. Zipper, Robert M. Holmes, Daniel B. Montlucon, Valier Galy, Timothy I. Eglinton

Arctic Deltaic Lake Sediments As Recorders of Fluvial Organic Matter Deposition

Front. Earth Sci., 17 August 2016 |

[\[Link\]](#)

SR-16-122 Tyler S. Winkler, Peter J. van Hengstum, Meghan C. Horgan, Jeffrey P. Donnelly, Joseph H.

Detrital cave sediments record Late Quaternary hydrologic and climatic variability in northwestern Florida, USA

Sedimentary Geology, Volume 335, 15 April 2016, Pages 51–65

[\[Link\]](#)

SR-16-123 Jörn Profe, Bernd Zolitschka, Wolfgang Schirmer, Manfred Frechen, Christian Ohlendorf

Geochemistry unravels MIS 3/2 paleoenvironmental dynamics at the loess–paleosol sequence Schwalbenberg II, Germany
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 459, 1 October 2016, Pages 537–551

[\[Link\]](#)

SR-16-124 Kristen K. Beck, Michael-Shawn Fletcher, Patricia Gadd, Henk Heijnis, Geraldine Jacobsen

An early onset of ENSO influence in the extra-tropics of the southwest Pacific inferred from a 14, 600 year high resolution multi-proxy record from Paddy's Lake, northwest Tasmania

Quaternary Science Reviews 157 (2017) 164-175

[\[Link\]](#)

SR-16-125 Lucía Guerra, Eduardo L. Piovano, Francisco E. Córdoba, Kazuyo Tachikawa, Frauke Rostek, Marta Garcia, Edouard Bard, Florence Sylvestre

Climate change evidences from the end of the Little Ice Age to the Current Warm Period registered by Melincué Lake (Northern Pampas, Argentina)

Quaternary International, Available online 26 July 2016

[\[Link\]](#)

SR-16-126 Eirik Gjerløw, H. Haflidason, R.B. Pedersen

Holocene explosive volcanism of the Jan Mayen (island) volcanic province, North-Atlantic

Journal of Volcanology and Geothermal Research, Volume 321, 15 July 2016, Pages 31–43

[\[Link\]](#)

SR-16-127 Friederike Stock, Maria Knipping, Anna Pint, Sabine Ladstätter, Hugo Delile, Andreas G. Heiss, Hannes Laermanns, Piers D. Mitchell, René Ployer, Martin Steskal, Ursula Thanheiser, Ralf Urz, Volker Wennrich, Helmut Brückner

Human impact on Holocene sediment dynamics in the Eastern Mediterranean – the example of the Roman harbour of Ephesus

Earth Surf. Process. Landforms, DOI: 10.1002/esp.3914 (2016)

[\[Link\]](#)

SR-16-128 Bakke Jostein, Vasskog Kristian, Ramanathan AL, Mandal Arindan, Kumar Om, Nesje Atle

The Water Tower of India in a Long-term Perspective – A Way to Reconstruct Glaciers and Climate in Himachal Pradesh during the last 13,000 Years

Journal of Climate Change, Vol. 2, No. 1 (2016), pp. 103–112.

[\[Link\]](#)

REFEREED (SEDIMENTS) 2017**WR-17-01 G. Bradd Witt, Nathan B. English, Daniel Balanzategui, Quan Hua, Patricia Gadd, Henk Heijnis, Michael I. Bird**The climate reconstruction potential of *Acacia cambagei* (gidgee) for semi-arid regions of Australia using stable isotopes and elemental abundances*Journal of Arid Environments*, Volume 136, January 2017, Pages 19–27[\[Link\]](#)**SR-17-02 M. Plaza-Morlote, D. Rey, J.F. Santos, S. Ribeiro, D. Heslop, A. Bernabeu, K.J. Mohamed, B. Rubio, V. Martíns**

Southernmost evidence of large European Ice Sheet-derived freshwater discharges during the Heinrich Stadials of the Last Glacial Period (Galician Interior Basin, Northwest Iberian Continental Margin)

Earth and Planetary Science Letters, Volume 457, 1 January 2017, Pages 213–226[\[Link\]](#)**SR-17-03 Christoph Zielhofer, William J. Fletcher, Steffen Mischke, Marc De Batist, Jennifer F.E. Campbell, Sebastien Joannin, Rik Tjallingii, Najib El Hamouti, Annett Junginger, Andreas Stele, Jens Bussmann, Birgit Schneider, Tobias Lauer, Katrin Spitzer, Michael Strupler, Thomas Brachert, Abdeslam Mikdad**

Atlantic forcing of Western Mediterranean winter rain minima during the last 12,000 years

Quaternary Science Reviews 157 (2017) 29e51[\[Link\]](#)**SR-17-04 SAMUEL BARRETT, REINHARD STARNBERGER, RIK TJALLINGII, ACHIM BRAUER, CHRISTOPH SPÖTL**

The sedimentary history of the inner-alpine Inn Valley, Austria: extending the Baumkirchen type section further back in time with new drilling

JOURNAL OF QUATERNARY SCIENCE (2017) 32(1) 63–79[\[Link\]](#)**SR-17-06**[\[Link\]](#)

REFERENCES FROM OTHER RESEARCH FIELDS

REFEREED (GEOLOGY)

GR-06-1 Melcher F., Oberthür T., Rammlmair D.

Geochemical and mineralogical distribution of germanium in Khusib Springs Cu-Zn-Pb-Ag sulfide deposit, Otavi Mountain Land, Namibia

Ore Geology Reviews (2006) v28 p32-56

[\[Link\]](#)

GR-07-1 Houben G.J., Wagner F.

Hyperfiltration of nickel sulphate solutions through silty sandstone and its effect on hydraulic conductivity

Applied Geochemistry (2007) v22 p2029-2044

[\[Link\]](#)

GR-12-1 Rammlmair D., Redwan M., Oke S.A.

Application of Edxrf Handheld to Optimize Exploration Strategies

Proceedings of the 10th International Congress for Applied Mineralogy, DOI: 10.1007/978-3-642-27682-8_71, p597-604 [\[Link\]](#)

GR-12-2 Redwan M., Rammlmair D.

Understanding Micro-Environment Development in Mine Tailings Using MLA and Image Analysis

Proceedings of the 10th International Congress for Applied Mineralogy, DOI: 10.1007/978-3-642-27682-8_71, p589-596 [\[Link\]](#)

GR-12-3 Rammlmair D., Huebner E. , Sitnikova M.

Investigation on Microhardpan Texture using μ -CT and MLA

Proceedings of the 10th International Congress for Applied Mineralogy, DOI: 10.1007/978-3-642-27682-8_71, p581-588 [\[Link\]](#)

REFEREED (WOOD)

WR-00-1 Grudd H., Briffa K.R., Gunnarson B.E., Linderholm H.W.

Swedish tree rings provide new evidence in support of a major, widespread environmental disruption in 1628 BC. Geophysical Research Letters, 27(18), 2957-2960.

[\[Link\]](#)**WR-01-2 Bergsten U., Lindeberg J., Rindby A., Evans R.**

Batch measurements of wood density on intact or prepared drill cores using x-ray microdensitometry. Wood Science and Technology 35, p 435-452

[\[Link\]](#)**WR-01-3 Roig, F.A., Le-Quesne, C., Boninsegna, J.A., Briffa, K.R., Lara, A., Grudd, H., Jones, P.D., Villagran, C.**

Climate variability 50,000 years ago in midlatitude Chile as reconstructed from tree rings. Nature, 410, 567-570.

[\[Link\]](#)**WR-02-1 Grudd H., Briffa K.R., Karlén W., Bartholin T.S., Jones P.D., Kromer B.**

A 7400-year tree-ring chronology in northern Swedish Lapland: natural climatic variability expressed on annual to millennial timescales.

The Holocene, 12, 657-665

[\[Link\]](#)**WR-03-1 Kilpeläinen A., Peltola H., Ryyppö A., Sauvala K., Laitinen K., Kellomäki S.**

Wood properties of Scots pines (*Pinus sylvestris*) grown at elevated temperature and carbon dioxide concentration Tree Physiology 23, 889–897

[\[Link\]](#)**WR-04-1 Mattsson S., Bergsten U.**

Pinus contorta growth in northern Sweden as affected by soil scarification New Forests, vol 26 no 3, Nov 2003, p217-231

[\[Link\]](#)**WR-06-2 Balouet J.-C., Oudijk G.**

The Use of Dendroecological Methods to Estimate the Time Frame of Environmental Releases Environmental Claims Journal v 18, n 1 winter 2006, p 35-52

[\[Link\]](#)**WR-06-3 Fries A., Ericsson T.**

Estimating Genetic Parameters for Wood Density of Scots Pine (*Pinus sylvestris* L.) Silvae Genetica 55, 2 (2006) p84-92

[\[Link\]](#)**WR-07-1 Balouet J.-C., Oudijk G., Smith K.T., Petrison I., Grudd H., Stocklassa B.**

Applied Dendroecology and Environmental Forensics. Characterizing and Age Dating Environmental Releases: Fundamentals and Case Studies

Environmental Forensics, v8, n1-2, p1-17

[\[Link\]](#)**WR-07-2 Peltola H., Kilpeläinen A., Sauvala K., Räisänen T., Ikonen V.-P.**

Effects of Early Thinning Regime and Tree Status on the Radial Growth and Wood Density of Scots Pine Silva Fennica 41(3) research articles

[\[Link\]](#)**WR-07-3 Mattson S., Bergsten U., Mörling T.**

Pinus contorta Growth in Boreal Sweden as Affected by Combined Lupin Treatment and Soil Scarification Silva Fennica 41(4) research articles

[\[Link\]](#)**WR-07-4 Campbell R., McCarroll D., Loader N.J., Grudd H., Robertson I., Jalkanen R.**

Blue intensity in *Pinus sylvestris* tree-rings: developing a new palaeoclimate proxy The Holocene, Vol. 17, No. 6, 821-828

[\[Link\]](#)**WR-07-5 Karvinen P., Oksman A., Silvennoinen R., Mikkonen H.**

Complex refractive index of starch acetate used as a biodegradable pigment and filler of paper Optical Materials (2007) v29 p1171-1176

[\[Link\]](#)**WR-08-1 Gerendiain A.Z., Peltola H., Pulkkinen P., Ikonen V.-P., Jaatinen R.**

Differences in Growth and Wood Properties between Narrow and Normal Crowned Types of Norway Spruce Grown at Narrow Spacing in Southern Finland

Silva Fennica 42(3) research articles

[\[Link\]](#)**WR-08-2 Ikonen V.-P., Peltola H., Wilhelmsson L., Kilpeläinen A., Väisänen H., Nuutinen T., Kellomäki S.**

Modelling the distribution of wood properties along the stems of Scots pine (*Pinus sylvestris* L.) and Norway spruce (*Picea abies* (L.) Karst.) as affected by silvicultural management

Forest Ecology and Management: Volume 256, Issue 6, 5 September 2008, Pages 1356-1371

[\[Link\]](#)

WR-08-3 Helama S., Vartiainen M., Kolström T., Peltola H., Meriläinen J.

X-ray microdensitometry applied to subfossil tree-rings: growth characteristics of ancient pines from the southern boreal forest zone in Finland at intra-annual to centennial time-scales

Veget Hist Archaeobot (2008) v17 p675-686

[\[Link\]](#)

WR-08-4 Grudd H.

Torneträsk tree-ring width and density AD 500–2004: a test of climatic sensitivity and a new 1500-year reconstruction of north Fennoscandian summers

Earth and Environmental Science on line 30/1 2008

[\[Link\]](#)

WR-08-5 Smith K.T., Balouet J.C., Oudijk G.

Elemental line scanning of an increment core using EDXRF: From fundamental research to environmental forensics applications

Dendrochronologia v26, n3, p157-163

[\[Link\]](#)

WR-08-6 Touvinen M., McCarroll D., Grudd H., Jalkanen R., Los S.

Spatial and temporal stability of the climatic signal in northern Fennoscandian pine tree-ring width and maximum density

Boreas v38 n1 p1-12 (2009) 10.1111/j.1502-3885.2008.00046.x

[\[Link\]](#)

WR-08-7 Büntgen U., Frank D., Grudd H., Esper J.

Long-term summer temperature variations in the Pyrenees

Climate Dynamics v31 n6 10.1007/s00382-008-0390-x

[\[Link\]](#)

WR-08-8 Helmala S., Vartiainen M., Kolström T., Peltola H., Meriläinen J.

X-ray microdensitometry applied to subfossil tree-rings: growth characteristics of ancient pines from southern boreal forest zone in Finland at intra-annual to centennial time-scales.

Vegetation History and Archaeobotany v17, n6, p675-686, 10.1007/s00334-008-0147-9

[\[Link\]](#)

WR-09-1 Luostarinen K., Huotari N., Tillman-Sutela E.

Effect of Regeneration Method on Growth, Wood Density and Fiber Properties of Downy Birch (*Betula pubescens* Ehrh.)

Silva Fennica v43, n3, p329-338

[\[Link\]](#)

WR-09-2 Peltola H., Gort J., Pulkkinen P., Zubizarreta Gerendiain A., Karpinen J., Ikonen V.-P.

Differences in Growth and Wood Density Traits in Scots Pine (*Pinus Sylvestris* L.) Genetic Entries Grown at Different Spacing and Sites

Silva Fennica v43, n3, p339-354

[\[Link\]](#)

WR-09-3 Zubizarreta Gerendiain A., Peltola H., Pulkkinen P.

Growth and Wood Property Traits in Narrow Crowned Norway Spruce (*Picea abies* f. *pendula*) Clones Grown in Southern Finland

Silva Fennica v43, n3, p369-382

[\[Link\]](#)

WR-09-4 Fries A., Ericsson T.

Genetic parameters for earlywood and latewood densities and development with increasing age in Scots pine

Annals of Forest Science (2009) v66 n4 404

[\[Link\]](#)

WR-09-5 Zubizarreta Gerendiain A., Peltola H., Pulkkinen P., Kalliomäki S

Effects of genetic entry and competition by neighbouring trees on growth and wood properties of cloned Norway spruce (*Picea abies*)

Annals of Forest Science (2009) v66 n8 806

[\[Link\]](#)

WR-09-6 Gort J., Zubizarreta Gerendiain A., Peltola H., Pulkkinen P., Routa P., Jaatinen R.

Differences in Fiber Properties in Scots Pine (*Pinus Sylvestris* L.) Genetic Entries Grown at Different Spacing and Sites

Silva Fennica v43, n3, p355-368

[\[Link\]](#)

WR-09-7 Y. Puentes Rodriguez, a A. Zubizarreta Gerendiain, a, A. Pappinen, a, H. Peltola, a, P. Pulkkinen.

Differences in wood decay by *Heterobasidion parviporum* in cloned Norway spruce (*Picea abies*)

Canadian Journal of Forest Research, 2009, 39(1): 26-35, 10.1139/X08-159

[\[Link\]](#)

WR-10-1 Linderholm H.W., Gunnarson B.E., Liu Y.

Comparing Scots pine tree-ring proxies and detrending methods among sites in Jämtland, west-central Sweden

Dendrochronologia (2010 in press)

[\[Link\]](#)

WR-10-2 Gunnarson B.E., Linderholm H.W., Moberg A.

Improving a tree-ring reconstruction from west-central Scandinavia: 900 years of warm-season temperatures

Climate Dynamics (2010 in press) DOI: 10.1007/s00382-010-0783-5

[\[Link\]](#)

WR-10-3 Gort J., Zubizarreta Gerendiain A., Peltola H., Kilpeläinen A., Pilkkinen P., Jaatinen R., Kellomäki S.

Differences in branch characteristics of Scots pine (*Pinus sylvestris* L.) genetic entries grown at different spacing
Annals of Forest Science (2010) v67 n7 p705

[\[Link\]](#)**WR-10-4 Helmala S., Vartiainen M., Kolström T., Meriläinen J.**

Dendrochronological investigation of wood extractives
Wood Science Technology (2010) v44 n2 p335-351

[\[Link\]](#)**WR-11-1 Gunnarson B.E., Linderholm H.W., Moberg A.**

Improving a tree-ring reconstruction from west-central Scandinavia: 900 years of warm-season temperatures
Clim Dyn (2011) v36 p97-108

[\[Link\]](#)**WR-11-2 Gort-Oromi J., Mehtätalo L., Peltola H., Zubizarreta-Gerendiain A., Pulkkinen P., Venäläinen A.**

Effects of spacing and genetic entry on radial growth and ring density development in Scots pine (*Pinus sylvestris* L.)
Annals of Forest Science (2011) v68 p1233-1243

[\[Link\]](#)**WR-11-3 Wood L.J., Smith D.J., Demuth M.N.**

Extending the Place Glacier mass-balance record to AD 1585, using tree rings and wood density
Quaternary Research (2011) v76 p305-313

[\[Link\]](#)**WR-11-4 McCarroll D., Tuovinen M., Campbell R., Gagen M., Grudd H., Jalkanen R., Loader N.J., Robertson I.**

A critical evaluation of multi-proxy dendroclimatology in northern Finland
J of Quaternary Science (2011) v26 n1 p7-14

[\[Link\]](#)**WR-11-5 Delgado-Matas C., Pukkala T.**

Comparison of the Growth of Six Eucalyptus Species in Angola
International Journal of Forestry Research (2011) doi:10.1155/2011/980259

[\[Link\]](#)**WR-11-6 Luostarinen K., Heräjärvi H.**

Dependence of shear strength on wood properties in cultivated *Larix sibirica*
Wood Material Science and Engineering (2011) v6 n4 p177-184

[\[Link\]](#)**WR-11-7 Jyske T., Manner M., Mäkinen H., Nöjd P., Peltola H., Repo T.**

The effects of artificial soil frost on cambial activity and xylem formation in Norway spruce
Trees - Structure and Function (2011) DOI: 10.1007/s00468-011-0601-7

[\[Link\]](#)**WR-12-1 Zubizarreta-Gerendiain A., Gort-Oromi J., Mehtätalo L., Peltola H., Venäläinen A., Pulkkinen P.**

Effects of cambial age, clone and climatic factors on ring width and ring density in Norway spruce (*Picea abies*) in southeastern Finland
Forest Ecology and Management (2012) v263 p9-16

[\[Link\]](#)**WR-12-2 Starheim C.C.A., Smith D.J., Prowse T.D.**

Dendrohydroclimate reconstructions of July–August runoff for two nival-regime rivers in west central British Columbia
Hydrol. Process. 27, 405–420 (2013) (2012), DOI: 10.1002/hyp.9257

[\[Link\]](#)**WR-12-3 Helama S., Bégin Y., Vartiainen M., Peltola H., Kolström T., Meriläinen J.**

Quantifications of dendrochronological information from contrasting microdensitometric measuring circumstances of experimental wood samples
Applied Radiation and Isotopes v70 p1014–1023 (2012)

[\[Link\]](#)**WR-12-4 Fries A.**

Genetic parameters, genetic gain and correlated responses in growth, fibre dimensions and wood density in a Scots pine breeding population
Annals of Forest Science (2012), DOI 10.1007/s13595-012-0202-7

[\[Link\]](#)**WR-12-5 Luostarinen, K.**

Tracheid Wall Thickness and Lumen Diameter in Different Axial and Radial Locations in Cultivated *Larix sibirica* Trunks
Silva Fennica 46(5) p707-716

[\[Link\]](#)**WR-12-6 Mäkinen H., Hynynen J.**

Predicting wood and tracheid properties of Scots pine
Forest Ecology and Management 279 (2012) p11–20

[\[Link\]](#)**WR-12-7 Björklund J.A., Gunnarson B.E., Krusic P.J., Grudd H., Josefsson T., Östlund L., Linderholm H.W.**

Advances towards improved low-frequency tree-ring reconstructions, using an updated *Pinus sylvestris* L. MXD network from the Scandinavian Mountains
Theor Appl Climatol DOI 10.1007/s00704-012-0787-7

[\[Link\]](#)

WR-12-8 Balouet J.C., Burken J.G., Karg F., Vroblesky D., Smith K.T., Grudd H., Rindby A., Beaujard F., Chalot M.

Dendrochemistry of Multiple Releases of Chlorinated Solvents at a Former Industrial Site
Environ. Sci. Technol. 2012, 46, p9541–9547

[\[Link\]](#)**WR-12-9 Routa J., Kellomäki S., Strandman H., JOHAN Bergh J., Pulkkinen P., Peltola H.**

The timber and energy biomass potential of intensively managed cloned Norway spruce stands
GCB Bioenergy (2013) 5, p43–52, doi: 10.1111/gcbb.12002

[\[Link\]](#)**WR-12-10 Melvin T.M., Grudd H., Briffa K.R.**

Potential bias in 'updating' tree-ring chronologies using regional curve standardisation: Re-processing 1500 years of Torneträsk density and ring-width data
The Holocene 23(3) p364–373 DOI: 10.1177/0959683612460791

[\[Link\]](#)**WR-12-11 Gunnarson B.E., Josefsson T., Linderholm H.W., Östlund L.**

Legacies of pre-industrial land use can bias modern tree-ring climate calibrations
CR Vol. 53, No. 1. Online publication date: May 24, 2012 ISSN: 0936-577X; Online ISSN: 1616-1572

[\[Link\]](#)**WR-12-12 Starheim C.C.A., Smith D.J., Prowse T.D.**

Multi-century reconstructions of Pacific salmon abundance from climate-sensitive tree rings in west central British Columbia, Canada
Ecohydrology Volume 6, Issue 2, pages 228–240, April 2013 DOI: 10.1002/eco.1261

[\[Link\]](#)**WR-12-13 Puentes Rodriguez Y.*, Morales L., Willför S., Pulkkinen P., Peltola H., Pappinen A.**

Wood decay caused by Heterobasidion parviporum in juvenile wood specimens from normal- and narrow-crowned Norway spruce
Scandinavian Journal of Forest Research DOI:10.1080/02827581.2012.746387

[\[Link\]](#)**WR-13-1 Wood L.J., Smith D.J.**

Climate and glacier mass balance trends from ad 1780 to present in the Columbia Mountains, British Columbia, Canada
The Holocene DOI: 10.1177/0959683612465450

[\[Link\]](#)**WR-13-2 Frühwald K., Hasenstab A., Osterloh K.**

Detection of Incipient Decay of Wood with Non- and Minor-Destructive Testing Methods
Nondestructive Testing of Materials and Structures; O. Büyükoztürk et al. (eds.), DOI 10.1007/978-94-007-0723-8_51

[\[Link\]](#)**WR-13-3 Luostarinen K., Heräjärvi H.**

Relation of arabinogalactans to density, growth rate and shear strength in wood of cultivated Siberian larch
Eur. J. Wood Prod. (2013) 71: p29–36 DOI 10.1007/s00107-012-0651-6

[\[Link\]](#)**WR-13-4 Kara J. Pitman, Dan J. Smith.**

A dendroclimatic analysis of mountain hemlock (*Tsuga mertensiana*) ring-width and maximum density parameters, southern British Columbia Coast Mountains, Canada
Dendrochronologia, Volume 31, Issue 3, 2013, Pages 165-174

[\[Link\]](#)**WR-13-5 Colette C. A. Starheim, Dan J. Smith, Terry D. Prowse.**

Dendrohydroclimate reconstructions of July–August runoff for two nival-regime rivers in west central British Columbia
Hydrological Processes, Volume 27, Issue 3, pages 405–420, 30 January 2013

[\[Link\]](#)**WR-13-6 Johanna Routa, Seppo Kellomäki, Harri Strandman, Johan Bergh, Pertti Pulkkinen, Heli Peltola.**

The timber and energy biomass potential of intensively managed cloned Norway spruce stands
GCB Bioenergy, Volume 5, Issue 1, pages 43–52, January 2013

[\[Link\]](#)**WR-14-01 Jesper A. Björklund, Björn E. Gunnarson, Paul J. Krusic, Håkan Grudd, Torbjörn Josefsson, Lars Östlund, Hans W. Linderholm.**

Advances towards improved low-frequency tree-ring reconstructions, using an updated *Pinus sylvestris* L. MXD network from the Scandinavian Mountains
Theoretical and Applied Climatology August 2013, Volume 113, Issue 3-4, pp 697-710

[\[Link\]](#)**WR-14-02 Kevin T. Smith, Jean Christophe Balouet, Walter C. Shortle, Michel Chalot, François Beaujard, Håkan Grudd, Don A. Vroblesky, Joel G. Burken.**

Dendrochemical patterns of calcium, zinc, and potassium related to internal factors detected by energy dispersive X-ray fluorescence (EDXRF)
Chemosphere, Volume 95, January 2014, Pages 58-62

[\[Link\]](#)**WR-14-03 Miloš Rydval, Lars-Åke Larsson, Laura Mcglynn, Björn Gunnarson, Neil J. Loader, Giles H.F. Young, Rob Wilson.**

Blue Intensity for Dendroclimatology: Should we have the blues? Experiments from Scotland
Dendrochronologia, In Press, Accepted Manuscript, Available online 17 May 2014

[\[Link\]](#)

- WR-14-04 David Auty, Alexis Achim, Elspeth Macdonald, Andrew D. Cameron, Barry A. Gardiner.**
Models for predicting wood density variation in Scots pine
Forestry 2014; 0, 1–10, doi:10.1093/forestry/cpu005 [\[Link\]](#)
- WR-14-05 J. A. Björklund, B. E. Gunnarson, K. Seftigen, J. Esper, H. W. Linderholm.**
Blue intensity and density from northern Fennoscandian tree rings, exploring the potential to improve summer temperature reconstructions with earlywood information
Clim. Past, 10, 877-885, 2014 [\[Link\]](#)
- WR-14-06 Ali Akrami, Marius C. Barbu, Arno Fruehwald.**
Characterization of properties of oriented strand boards from beech and poplar
Eur. J. Wood Prod. (2014) 72:393–398 [\[Link\]](#)
- WR-14-07 Yvonne Fors, Håkan Grudd, Anders Rindby, Farideh Jalilehvand, Magnus Sandström, Ingemar Cato, Lennart Bornmalm.**
Sulfur and iron accumulation in three marine-archaeological shipwrecks in the Baltic Sea: The Ghost, the Crown and the Sword
Scientific Reports 4, Article number: 4222 doi:10.1038/srep04222 [\[Link\]](#)
- WR-14-08 C. Pritzkow, I. Heinrich, H. Grudd, G. Helle**
Relationship between wood anatomy, tree-ring widths and wood density of *Pinus sylvestris* L. and climate at high latitudes in northern Sweden
Dendrochronologia, Volume 32, Issue 4, 2014, Pages 295-302 [\[Link\]](#)
- WR-14-09 Miloš Rydval, Lars-Åke Larsson, Laura McGlynn, Björn E. Gunnarson, Neil J. Loader, Giles H.F. Young, Rob Wilson**
Blue intensity for dendroclimatology: Should we have the blues? Experiments from Scotland
Dendrochronologia, Volume 32, Issue 3, 2014, Pages 191-204 [\[Link\]](#)
- WR-14-10 Kevin T. Smith, Jean Christophe Balouet, Walter C. Shortle, Michel Chalot, François Beaujard, Håkan Grudd, Don A. Vroblesky, Joel G. Burken**
Dendrochemical patterns of calcium, zinc, and potassium related to internal factors detected by energy dispersive X-ray fluorescence (EDXRF)
Chemosphere, Volume 95, January 2014, Pages 58-62 [\[Link\]](#)
- WR-14-11 Mehtätalo, Lauri; Peltola, Heli; Kilpeläinen, Antti; Ikonen, Veli-Pekka**
The Response of Basal Area Growth of Scots Pine to Thinning: A Longitudinal Analysis of Tree-Specific Series Using a Nonlinear Mixed-Effects Model
Forest Science, Volume 60, Number 4, 31 August 2014, pp. 636-644(9) [\[Link\]](#)
- WR-14-12 Jan Esper, Elisabeth Duthorn, Paul J. Krusic, Mauri Timonen, Ulf Bütgen**
Northern European summer temperature variations over the Common Era from integrated tree-ring density records
Journal of Quaternary Science Volume 29, Issue 5, pages 487–494, July 2014 [\[Link\]](#)
- WR-14-13 David Auty, Alexis Achim, Elspeth Macdonald, Andrew D. Cameron, Barry A. Gardiner**
Models for predicting wood density variation in Scots pine
Forestry (2014) 87 (3): 449-458 [\[Link\]](#)
- WR-14-14 J. A. Björklund, B. E. Gunnarson, K. Seftigen, J. Esper, H. W. Linderholm**
Blue intensity and density from northern Fennoscandian tree rings, exploring the potential to improve summer temperature reconstructions with earlywood information
Clim. Past, 10, 877-885, 2014 [\[Link\]](#)
- WR-14-15 Ali Akrami, Marius C. Barbu, Arno Fruehwald**
Characterization of properties of oriented strand boards from beech and poplar
European Journal of Wood and Wood Products, May 2014, Volume 72, Issue 3, pp 393-398 [\[Link\]](#)
- WR-14-16 Lisa J. Wood, Dan J. Smith**
Intra-annual dendroclimatic reconstruction for northern British Columbia, Canada, using wood properties
Trees, November 2014 [\[Link\]](#)
- WR-14-17 Jesper Björklund, Björn E Gunnarson, Kristina Seftigen, Peng Zhang, Hans W Linderholm**
Using adjusted Blue Intensity data to attain high-quality summer temperature information: A case study from Central Scandinavia
The Holocene December 9, 2014 [\[Link\]](#)

- WR-14-18 Hans W. Linderholm, Jesper Björklund, Kristina Seftigen, Björn E. Gunnarson, Mauricio Fuentes**
Fennoscandia revisited: a spatially improved tree-ring reconstruction of summer temperatures for the last 900 years
Climate Dynamics, October 2014 [\[Link\]](#)
- WR-14-19 Cristobal Delgado-Matas, Timo Pukkalac**
Growth models for six Eucalyptus species in Angola
Southern Forests: a Journal of Forest Science [\[Link\]](#)
- WR-14-20 Samuli Helama, Matti Vartiainen, Jari Holopainen, Hanna M. Mäkelä, Taneli Kolström, Jouko Meriläinen**
A palaeotemperature record for the Finnish Lakeland based on microdensitometric variations in tree rings
Geochronometria, September 2014, Volume 41, Issue 3, pp 265-277 [\[Link\]](#)
- WR-14-21 Yvonne Fors, Håkan Grudd, Anders Rindby, Farideh Jalilehvand, Magnus Sandström, Ingemar Cato, Lennart Bornmalm**
Sulfur and iron accumulation in three marine-archaeological shipwrecks in the Baltic Sea: The Ghost, the Crown and the Sword
Scientific Reports 4, Article number: 4222 [\[Link\]](#)
- SR-14-22 Pei Xing, Qi-Bin Zhang, Li-Xin Lv**
Absence of late-summer warming trend over the past two and half centuries on the eastern Tibetan Plateau
Global and Planetary Change, Volume 123, Part A, December 2014, Pages 27-35 [\[Link\]](#)
- SR-14-23 Jianping Duan, Qi-Bin Zhang**
A 449 year warm season temperature reconstruction in the southeastern Tibetan Plateau and its relation to solar activity
Journal of Geophysical Research: Atmospheres, Volume 119, Issue 20, pages 11,578–11,592, 27 October 2014 [\[Link\]](#)
- WR-15-01 Andrew D. Cameron, Barry A. Gardiner, James Ramsay, Tom A. Drewett**
Effect of early release from intense competition within high density natural regeneration on the properties of juvenile and mature wood of 40-year-old Sitka spruce (*Picea sitchensis* (Bong.) Carr.)
Annals of Forest Science, January 2015, Volume 72, Issue 1, pp 99-107 [\[Link\]](#)
- WR-15-02 J. Diego Galván, Ulf Büntgen, Christian Ginzler, Håkan Grudd, Emilia Gutiérrez, Inga Labuhn, J. Julio Camarero**
Drought-induced weakening of growth–temperature associations in high-elevation Iberian pines
Global and Planetary Change, Volume 124, January 2015, Pages 95-106 [\[Link\]](#)
- WR-15-03 P. Zhang, H. W. Linderholm, B. E. Gunnarson, J. Björklund, D. Chen**
1200 years of warm-season temperature variability in central Fennoscandia inferred from tree-ring density
Clim. Past Discuss., 11, 489–519, 2015 [\[Link\]](#)
- WR-15-04 Yvonne Fors, Håkan Grudd, Anders Rindby, Lennart Bornmalm**
X-ray fluorescence for cultural heritage: scanning biochemical fingerprints in archaeological shipwrecks
Spectroscopy Europe, vol 27, No 1, 2015 [\[Link\]](#)
- WR-15-05 Ernst van der Maaten, Marieke van der Maaten-Theunissen, Allan Buras, Tobias Scharnweber, Sonia Simard, Knut Kaiser, Sebastian Lorenz, Martin Wilmking**
Can We Use Tree Rings of Black Alder to Reconstruct Lake Levels? A Case Study for the Mecklenburg Lake District, Northeastern Germany
PLOS ONE, August 28, 2015 DOI: 10.1371/journal.pone.0137054 [\[Link\]](#)
- WR-15-06 Peng Zhang, Jesper Björklund, Hans W. Linderholm**
The influence of elevational differences in absolute maximum density values on regional climate reconstructions
Trees, August 2015, Volume 29, Issue 4, pp 1259-1271 [\[Link\]](#)
- WR-15-07 Bernd Wagner, Ole Bennike**
Holocene environmental change in the Skallingen area, eastern North Greenland, based on a lacustrine record
Boreas, Volume 44, Issue 1, pages 45–59, January 2015 [\[Link\]](#)
- WR-15-08 Lisa J. Wood, Dan J. Smith**
Intra-annual dendroclimatic reconstruction for northern British Columbia, Canada, using wood properties
Trees, April 2015, Volume 29, Issue 2, pp 461-474 [\[Link\]](#)
- WR-15-09 Jesper Björklund, Björn E Gunnarson, Kristina Seftigen, Peng Zhang, Hans W Linderholm**
Using adjusted Blue Intensity data to attain high-quality summer temperature information: A case study from Central Scandinavia
The Holocene March 2015 vol. 25 no. 3 547-556 [\[Link\]](#)

WR-16-01 Lisa J. Wood, Dan J. Smith, Ian D. Hartley

Predicting softwood quality attributes from climate data in interior British Columbia, Canada
Forest Ecology and Management, Volume 361, 1 February 2016, Pages 81–89

[\[Link\]](#)**WR-16-02 Hanxue Liang, Lixin Lyu, Muhammad Wahab**

A 382-year reconstruction of August mean minimum temperature from tree-ring maximum latewood density on the southeastern Tibetan Plateau, China
Dendrochronologia, Volume 37, March 2016, Pages 1–8

[\[Link\]](#)**WR-16-03 Marieke van der Maaten-Theunissen, Hanna Bümmerstede, Janette Iwanowski, Tobias Scharnweber, Martin Wilmking, Ernst van der Maaten**

Drought sensitivity of beech on a shallow chalk soil in northeastern Germany – a comparative study
Forest Ecosystems 20163:24, DOI: 10.1186/s40663-016-0083-6

[\[Link\]](#)**WR-16-04 Geoffrey Hope**

Extended vegetation histories from ultramafic karst depressions
Australian Journal of Botany 63(4) 222-233

[\[Link\]](#)**WR-16-05 Marcin Klisz, Marcin Koprowski, Joanna Ukalska, Cristina Nabais**

Does the Genotype Have a Significant Effect on the Formation of Intra-Annual Density Fluctuations? A Case Study Using Larix decidua from Northern Poland
Front Plant Sci. 2016; 7: 691.

[\[Link\]](#)**WR-16-06 J. Lange , R. Cruz-García , M. Gurskaya, R. Jalkanen, J.-W. Seo, M. Wilmking**

Can microsite effects explain divergent growth in treeline Scots pine?
TRACE – Tree Rings in Archaeology, Climatology and Ecology, Volume 14. Scientific Technical Report 16/04, GFZ German Research Centre for Geosciences, p. 93-101

[\[Link\]](#)**WR-16-07 Peng Zhang, Hans W. Linderholm, Björn E. Gunnarson, Jesper Björklund, Deliang Chen**

1200 years of warm-season temperature variability in central Scandinavia inferred from tree-ring density
Clim. Past, 12, 1297–1312, 2016

[\[Link\]](#)**WR-16-08 Jan T. Benthien, Martin Ohlmeyer**

Influence of face-to-core layer ratio and core layer resin content on the properties of density-decreased particleboards
European Journal of Wood and Wood Products, pp 1–8

[\[Link\]](#)**WR-16-09 Tobias Scharnweber, Andrea Hevia, Allan Buras, Ernst van der Maaten, Martin Wilmking**

Common trends in elements? Within- and between-tree variations of wood-chemistry measured by X-ray fluorescence — A dendrochemical study
Science of The Total Environment, Volumes 566–567, 1 October 2016, Pages 1245–1253

[\[Link\]](#)**WR-16-10 Miloš Rydval, Björn E. Gunnarson, Neil J. Loader, Edward R. Cook, Daniel L. Druckenbrod, Rob Wilson**

Spatial reconstruction of Scottish summer temperatures from tree rings
DOI: 10.1002/joc.4796,

[\[Link\]](#)**WR-16-11 R.P. Flood, M.R. Bloemsmas, G.J. Weltje, I.D. Barr, S.M. O'Rourke, J.N. Turner, J.D. Orford**

Compositional data analysis of Holocene sediments from the West Bengal Sundarbans, India: Geochemical proxies for grain-size variability in a delta environment
Applied Geochemistry, Volume 75, December 2016, Pages 222–235

[\[Link\]](#)

EGU

SR-16-18 Huang, Jyh-Jaan; Lin, Sheng-Chi; Löwemark, Ludvig; Liou, Ya-Hsuan; Chang, Queenie; Chang, Tsun-Kuo; Wei, Kuo-Yen; Croudace, Ian W.

A novel approach to measure elemental concentrations in cation exchange resins using XRF-scanning technique, and its potential in water pollution studies

EGU General Assembly 2016, held 17-22 April, 2016 in Vienna Austria, p.5443

[\[Link\]](#)

SR-16-19 Chen, Yu-Huang; Su, Chih-Chieh

Modern sedimentation and extreme event in the South China Sea

EGU General Assembly 2016, held 17-22 April, 2016 in Vienna Austria, p.3798

[\[Link\]](#)

SR-16-22 Roe, Helen M; Patterson, R Timothy; Nasser, Nawaf; Edwards, Robin J; Graham, Conor

Development of integrated protocols to track the deposition and impacts of metal contaminants in tidal riverine environments

EGU General Assembly 2016, held 17-22 April, 2016 in Vienna Austria, p.15439

[\[Link\]](#)

SR-16-23 Lee, An-Sheng; Lu, Wei-Li; Huang, Jyh-Jaan; Chang, Queenie; Wei, Kuo-Yen; Lin, Chin-Jung; Liou, Sofia Ya Hsuan

Multivariate analysis of heavy metal contamination using river sediment cores of Nankan River, northern Taiwan

EGU General Assembly 2016, held 17-22 April, 2016 in Vienna Austria, p.5740

[\[Link\]](#)

SR-16-25 Alderson, Danielle; Evans, Martin; Rothwell, James; Boulton, Stephen; Rhodes, Edward

The fate of residual carbon in floodplain sediments, originating from eroding peatlands

EGU General Assembly 2016, held 17-22 April, 2016 in Vienna Austria, p.3309

[\[Link\]](#)

SR-16-28 Bauchi Danladi, Iliya; Akçer-Ön, Sena

The Imprints of the Solar Activity during the Little Ice Age and the Medieval Climatic Anomaly in SW Anatolia from Lake Sediments

EGU General Assembly 2016, held 17-22 April, 2016 in Vienna Austria, p.97

[\[Link\]](#)

SR-16-62 HARNISCH, Emma E., NEWTON, Robert M.

HEAVY METAL CONTAMINATION OF BOTTOM SEDIMENTS FROM PAST MINING OPERATIONS AT COOKS POND, MADISON, NEW HAMPSHIRE

Northeastern Section - 51st Annual Meeting – 2016, Paper No. 41-5

[\[Link\]](#)

SR-16-50 Geordie M Donaldson

1931 Waikari River Tsunami: New Zealand's largest historical tsunami

UNSW Thesis

[\[Link\]](#)

SR-16-134 Abigail M. Williams

Paleolimnological implications of Late Holocene sediments in the western Sea of Galilee, Israel

A THESIS SUBMITTED TO THE FACULTY OF UNIVERSITY OF MINNESOTA

[\[Link\]](#)

SR-16-137 Danae Motta

Signature of the 2005 Flood Event in the Sediments of Lake Brienz: Implications for Flood Reconstruction Master's Thesis Faculty of Science, University of Bern

[\[Link\]](#)

SR-16-139 Tommy Andersson

Geology of Lagoa das Furnas, a crater lake on São Miguel, Azores archipelago

Licentiate thesis, Department of Geological Sciences, Stockholm University

[\[Link\]](#)

SR-16-75 Jennerheim, Jessica

Evaluation of methods to characterise the geochemistry of limestone and its fracturing in connection to heating

In Dissertations in Geology at Lund University GEOR02 20161

[\[Link\]](#)

SR-16-124 Elizabeth Grace Fox

Disturbance in the North Island of New Zealand: A case study using floodplain cores from the Coromandel to determine anthropogenic disturbance - See more at: <http://mro.massey.ac.nz/handle/10179/9924#sthash.sGXatBDD.dpuf>

<http://hdl.handle.net/10179/9924#sthash.sGXatBDD.dpuf>

[\[Link\]](#)

SR-16-47 Amy L. Hudson

Geochemical Attributes of Hydraulically Active Fractures and Their Influence on Groundwater Quality

Doctoral Dissertations May 2014 - current. Paper 699

[\[Link\]](#)