

Abrupt rise in the contribution of CH₄ derived carbon to benthic secondary production of a shallow hemiboreal/boreal lake

Belle, Simon; Tõnno, Ilmar; **Stivrinš, Normunds**; Freiberg, Rene; **Veski, Siim** Journal of quaternary science 2018 / p. 969-976 : ill <https://doi.org/10.1002/jqs.3075> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Age, genesis, and seismogenic deformations of the vuoksa river terraces on the karelian isthmus (Northwestern Russia)

Shvarev, S.; Subetto, D.; Zaretskaya, N.; **Molodkov, Anatoli** Russian geology and geophysics 2021 / 21 p. : ill <https://doi.org/10.2113/RGG20204229> [Journal metrics at Scopus](#) [Article at Scopus](#)

Application of lake sediment carbon/nitrogen ratio in post-glacial paleoenvironmental reconstruction = Järvesetete orgaanilise aine süsiniku ja lämmastiku suhte kasutusvõimalused pärastjäähäaegsete keskkonnamuutuste rekonstrueerimisel

Liiv, Merlin 2018 <https://digi.lib.ttu.ee/i/?11143> https://www.ester.ee/record=b5174072*est

A bayesian spatiotemporal model for reconstructing climate from multiple pollen records

Holmström, Lasse; Ilvonen, Liisa; Seppä, Heikki; **Veski, Siim** Annals of Applied Statistics 2015 / p. 1194 - 1225 <https://doi.org/10.1214/15-AOAS832> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biotic turnover rates during the Pleistocene-Holocene transition

Stivrinš, Normunds; Soininen, Janne; **Amon, Leeli**; **Reitalu, Triin**; **Veski, Siim** Quaternary science reviews 2016 / p. 100-110 : ill <https://doi.org/10.1016/j.quascirev.2016.09.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Broadleaf deciduous forest counterbalanced the direct effect of climate on Holocene fire regime in hemiboreal/boreal region (NE Europe)

Feurdean, Angelica; **Veski, Siim**; **Amon-Veskimeister, Leeli**; **Heinsalu, Atko**; **Vassiljev, Jüri** Quaternary science reviews 2017 / p. 378-390 : ill <https://doi.org/10.1016/j.quascirev.2017.05.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The challenge of comparing pollen-based quantitative vegetation reconstructions with outputs from vegetation models - a European perspective

Dallmeyer, Anne; **Poska, Anneli**; Marquer, Laurent; Seim, Andrea; Gaillard, Marie-José Climate of the Past 2023 / p. 1531 - 1557 <https://doi.org/10.5194/cp-19-1531-2023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate variability and associated vegetation response throughout Central and Eastern Europe (CEE) between 60 and 8ka

Feurdean, Angelica; Perşoiu, A.; Tanţău, I.; Stevens, T.; Connor, S.; Magyari, E.K.; Onac, B.P.; Marković, S.; Andrič, M.; **Veski, Siim** Quaternary science reviews 2014 / p. 206-224 : ill <https://doi.org/10.1016/j.quascirev.2014.06.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climatic and vegetational controls of Holocene wildfire regimes in the boreal forest of northern Fennoscandia

Remy, Cecile C.; Magne, Gwenaél; **Stivrinš, Normunds**; Aakala, Tuomas; **Asselin, Hugo**; Seppä, Heikki; Luoto, Tomi P.; Jasiunas, Nauris; Ali, Adam A. Journal of ecology 2023 / p. 845-860 : ill., map <https://doi.org/10.1111/1365-2745.14065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cyclic sedimentation pattern in Lake Veetka, southeast Estonia : a case study

Saarse, Leili Geologos 2015 / p. 59 - 69 <https://doi.org/10.1515/logos-2015-0003> [Journal metrics at Scopus](#) [Article at Scopus](#)

Development of large shallow Lake Peipsi (North-Eastern Europe) over the Holocene based on the stratigraphy of phosphorus fractions

Kisand, Anu; Kirs, Anna-Liisa; Ehapalu, Kristiina; **Alliksaar, Tiiu**; **Heinsalu, Atko**; Tõnno, Ilmar; Leeben, Aina; Nõges, Peeter Journal of paleolimnology 2017 / p. 43-56 : ill <https://doi.org/10.1007/s10933-017-9954-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Diatom stratigraphy and relative sea level changes of the Eastern Baltic Sea over the Holocene = Ränivetikate stratigraafia ja Läänemere idaosa veetaseme muutused Holotseenis

Grudzinska, Ieva 2015 <https://digi.lib.ttu.ee/i/?3919> https://www.ester.ee/record=b4531163*est

Drivers of change and ecosystem status in a temperate lake over the last Post-Glacial period from 14.5 kyr [Online resource]

Tõnno, Ilmar; Freiberg, Rene; Talas, Liisi; Kisand, Anu; Belle, Simon; **Stivrinš, Normunds**; **Alliksaar, Tiiu**; **Heinsalu, Atko**; **Veski, Siim**; Kisand, Veljo bioRxiv 2020 / 26 p. : ill <https://doi.org/10.1101/2020.03.27.011502>

Ei midagi uut päikese all

Väli, Vivika; **Reitalu, Triin**; **Poska, Anneli** Taastaumise teooria 2023 / lk. 89-100 : ill https://www.ester.ee/record=b5573343*est <https://kevadkool.elus.ee/2023/ei-midagi-ut-paikese-all/>

Environmental changes during Younger Dryas/holocene transition recorded in sediment sections from southern part of Gulf of Finland

Ploom, K.; **Kiipli, Tarmo** Regional Conference Europe 2003, Polish Geological Institute 2003 / p. 47-48

Environmental drivers and abrupt changes of phytoplankton community in temperate lake Lielais Svētīņu, Eastern Latvia, over the last Post-Glacial period from 14.5 kyr

Tõnno, Ilmar; Talas, Liisi; Freiberg, Rene; Kisand, Anu; Belle, Simon; **Stivrinš, Normunds; Alliksaar, Tiiu; Heinsalu, Atko; Veski, Siim**; Kisand, Veljo Quaternary science reviews 2021 / art. 107006 <https://doi.org/10.1016/j.quascirev.2021.107006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

European pollen-based REVEALS land-cover reconstructions for the Holocene : methodology, mapping and potentials

Githumbi, Esther; Fyfe, Ralph; Gaillard, Marie-Jose; Trondman, Anna-Kari; Mazier, Florenze; Nielsen, Anne Birgitte; **Poska, Anneli**; Sugita, Shinya; **Veski, Siim** Earth system science data 2022 / p. 1581–1619 <https://doi.org/10.5194/essd-14-1581-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe

Feurdean, Angelica; Vanniere, Boris; Finsinger, Walter; **Poska, Anneli; Vassiljev, Jüri; Veski, Siim** Biogeosciences 2020 / p. 1213–1230 <https://doi.org/10.5194/bg-17-1213-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From bog to fen : palaeoecological reconstruction of the development of a calcareous spring fen on Saaremaa, Estonia

Blaus, Ansis; Reitalu, Triin; Amon, Leeli; Vassiljev, Jüri; Alliksaar, Tiiu; Veski, Siim Vegetation history and archaeobotany 2020 / p. 373–391 : ill <https://doi.org/10.1007/s00334-019-00748-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From deglaciation to the Early Holocene in the northern Appalachians : Aamultiproxy palaeoenvironmental record from Scotstown Bog, Québec, Canada

Amon, Leeli; St-Jacques, Jeannine-Marie; Ershova, Ekaterina; Hargan, Kathryn E.; Whyte, Charlotte Mary Cotter; Sachse, Dirk; Rach, Oliver; Peros, Matthew Charles Journal of Quaternary Science 2024 / p. 1-16 <https://doi.org/10.1002/jqs.3685> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From modern pollen–plant relationships to Holocene vegetation diversity reconstructions = Õietolmu ja taimestiku seostest tänapäeva maastikes taimede mitmekesisuse rekonstruktsioonideni läbi Holotseeni

Blaus, Ansis 2020 https://www.ester.ee/record=b5373628*est <https://digikogu.taltech.ee/et/Item/3ad0b229-a4d3-4e5a-88a8-531ea86ad09a>

Functional vegetation change over millennia

Reitalu, Triin; Nogué, Sandra Nature Ecology and Evolution 2023 / p. 174 - 175 <https://doi.org/10.1038/s41559-022-01949-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Holocene buried organic sediments in Estonia

Saarse, Leili; Vassiljev, Jüri; Miidel, Avo; Niinemets, Eve Proceedings of the Estonian Academy of Sciences. Geology 2006 / 4, p. 296-320 : ill

Holocene fire activity during low-natural flammability periods reveals scale-dependent cultural human-fire relationships in Europe

Dietze, Elisabeth; Theuerkauf, Martin; Bloom, Karolina; **Poska, Anneli; Stivrinš, Normunds; Vassiljev, Jüri; Veski, Siim** Quaternary science reviews 2018 / p. 44-56 : ill <https://doi.org/10.1016/j.quascirev.2018.10.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Holocene hydroclimate variability in the eastern Baltic region inferred from open and closed-basin lake sediment stable isotope records

Stansell, Nathan; **Eensalu, Mariliis**; Terasmaa, Jaanus; **Poska, Anneli; Veski, Siim** IPA-IAL 2018 Joint Meeting : Unravelling the Past and Future of Lakes : abstract book 2018 / p. 112 <http://dx.doi.org/10.5281/zenodo.1287585>

Holocene quantitative pollen-based vegetation reconstructions in Europe for climate modelling: LandClim II [Online resource]

Githumbi, Esther; Fyfe, R.; Kjellström, Erik; **Poska, Anneli**; Sugita, Shinya 20th Congress of the International Union for Quaternary Research (INQUA): INQUA Congress 2019: Dublin, From 25 Jul 2019 - 31 Jul 2019 2019 <https://app.oxfordabstracts.com/events/574/program-app/submission/84376>

Holocene rapid climate changes and ice-rafting debris events reflected in high-resolution European charcoal records

Florescu, Gabriela; Brown, Kendrick J.; Carter, Vachel A.; **Veski, Siim** Quaternary science reviews 2019 / art. 105877, 13 p. : ill <https://doi.org/10.1016/j.quascirev.2019.105877> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A holocene relative sea-level database for the Baltic Sea

Rosentau, Alar; Klemann, Volke; Bennike, Ole; Steffen, Holger; Wehr, Jasmin; Latinović, Milena; Bagge, Meike; Ojala, Antti; Berglund,

Mikael; Becher, Gustaf Peterson; Schoning, Kristian; Hansson, Anton; Nielsen, Lars; Clemmensen, Lars B.; Hede, Mikkel U.; Kroon, Aart; Pejrup, Morten; Sander, Lasse; Stattegger, Karl; Schwarzer, Klaus; Lampe, Reinhard; Lampe, Matthias; Uścińowicz, Szymon; Bitinas, Albertas; Grudzinska, Ieva; **Vassiljev, Jüri**; Nirgi, Triine; Kublitskiy, Yuriy; Subetto, Dmitry Quaternary Science Reviews 2021 / Art. nr. 107071 <https://doi.org/10.1016/j.quascirev.2021.107071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Holocene shifts in the primary producer community of large, shallow European Lake Peipsi, inferred from sediment pigment analysis

Tõnno, Ilmar; Nauts, Kristiina; Belle, Simon; **Alliksaar, Tiit** Journal of paleolimnology 2019 / p. 403–417 : ill <https://doi.org/10.1007/s10933-019-00067-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Holocene shore displacement in the surroundings of Tallinn, North Estonia

Saarse, Leili; Vassiljev, Jüri Estonian journal of earth sciences 2010 / 3, p. 207-215 : ill https://artiklid.elnet.ee/record=b2163667*est

Holotseeni tööruhmade uuringute tulemustest

Saarse, Leili Geoloogia instituudi kuuskümmend viis aastat : loomine ja muutumised, inimesed ja teadus, meenutused ja suundumused 2012 / lk. 130-138 : fot

Lake ecosystem responses to Holocene environmental changes: two diatom-based high-resolution case studies from southern Estonia

Heinsalu, Atko; Poska, Anneli; Veski, Siim The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 23

Large earthquakes in the Katun Fault zone (Gorny Altai) : Paleoseismological and archaeoseismological evidence

Deev, Evgeny; Turova, Irina; Borodovskiy, Andrey; **Molodkov, Anatoli** Quaternary science reviews 2019 / p. 68–89 : ill <https://doi.org/10.1016/j.quascirev.2018.11.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Large herbivore population and vegetation dynamics 14,600–8300 years ago in central Latvia, northeastern Europe

Stivrīns, Normunds; Cerina, Aija; Galka, Mariusz; **Heinsalu, Atko**; Lõugas, Lembi; **Veski, Siim** Review of palaeobotany and palynology 2019 / p. 42-51 : ill <https://doi.org/10.1016/j.revpalbo.2019.04.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lateglacial and early Holocene environmental dynamics in northern Lithuania : a multi-proxy record from Ginkunai Lake

Stančikaite, Miglė; Šeiriene, Vaida; Kisieliene, Dalia; **Martma, Tõnu**; Kisieliene, Dalia; Zinkute, Rimante; Mažeika, Jonas; Šinkunas, Petras Quaternary International 2015 / p. 44-57 <https://doi.org/10.1016/j.quaint.2014.08.036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Late-Holocene expansion of a south Swedish peatland and its impact on marginal ecosystems: Evidence from dendrochronology, peat stratigraphy and palaeobotanical data

Edvardsson, Johannes; **Poska, Anneli**; Van der Putten, Nathalie; Rundgren, Mats; Linderson, Hans; Hammarlund, Dan Holocene 2014 / p. 466-476 : ill <https://doi.org/10.1177/0959683613520255> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Latitudinal gradients in the phylogenetic assembly of angiosperms in Asia during the Holocene

Bhatta, Kuber P.; Mottl, Ondřej; Felde, Vivian A.; Grytnes, John-Arvid; **Reitalu, Triin**; Birks, Hilary H.; Birks, H. John B.; Vetaas, Ole R. Scientific reports 2024 / art. 17940, 16 p. : ill <https://doi.org/10.1038/s41598-024-67650-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Local and regional Holocene vegetation dynamics at two sites in eastern Latvia

Stivrīns, Normunds; Kalnina, Laimdota; **Veski, Siim**; Zeimule, Sandra Boreal environment research 2014 / p. 310-322 : ill <https://helda.helsinki.fi/server/api/core/bitstreams/058c48fe-ebcd-46e2-be77-f5952af1ab6b/content> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term effects of climate change on carbon flows through benthic secondary production in small lakes

Belle, Simon; Musazzi, Simona; Tõnno, Ilmar; **Poska, Anneli**; Leys, Bérangère; Lami, Andrea Freshwater biology 2018 / p. 530-538 : ill <https://doi.org/10.1111/fwb.13090> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lõuna-Eesti väikejärvede pärastjääaegsest arenguloost Tõugjärve näitel

Heinsalu, Atko; Veski, Siim Järvekomisjon 100 2007 / lk. 43-48 : ill

Methane seepage at Vestnesa Ridge (NW Svalbard) since the LastGlacial Maximum

Schneider, A.; Panieri, Giuliana; **Lepland, Aivo** Quaternary science reviews 2018 / p. 98-117 : ill <https://doi.org/10.1016/j.quascirev.2018.06.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mid- and late-Holocene shoreline changes along southern coast of the Gulf of Finland

Grudzinska, Ieva; Saarse, Leili; Vassiljev, Jüri; **Heinsalu, Atko** Bulletin of the Geological Society of Finland 2013 / p. 19-34 : ill

Mid-Holocene European climate revisited : new high-resolution regional climate model simulations using pollen-based land-cover

Strandberg, Gustav; Lindström, Johan; **Poska, Anneli**; Zhang, Qiong; Fyfe, Ralph; Githumbi, Esther; Kjellström, Erik; Mazier, Florenze; Nielsen, Anne Birgitte; Sugita, Shinya; Trondman, Anna-Kari; Woodbridge, Jessie; Gaillard, Marie-Jose Quaternary science reviews 2022 / art. 107431, 21 p. : ill., map <https://doi.org/10.1016/j.quascirev.2022.107431> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modern pollen–plant diversity relationships inform palaeoecological reconstructions of functional and phylogenetic diversity in calcareous fens

Blaus, Ansis; Reitalu, Triin; Gerhold, Pille; Hiiesalu, Inga; Massante, Jhonny Capichoni; **Veski, Siim** Frontiers in ecology and evolution 2020 / 22 p. : ill <https://doi.org/10.3389/fevo.2020.00207> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A multi-proxy centennial-resolution paleoecological record of Holocene lake sediments in the marginal zone of Last Scandinavian Glaciation (Tver Region, Russia)

Nosova, M.B.; Zakharov, A.L.; Lavrenov, N.G.; Zaretskaya, N.E.; Mazei, N.G.; Kupriyanov, D.A.; Pastukhova, Y.A.; Bakumenko, Varvara; Severova, E.E.; Konstantinov, E.A. Quaternary international 2025 / art. 109778 <https://doi.org/10.1016/j.quaint.2025.109778>

A new formal subdivision of the Holocene Series/Epoch in Estonia

Hang, Tiit; **Veski, Siim**; Vassiljev, Jüri; **Poska, Anneli**; Kriiska, Aivar; **Heinsalu, Atko** Estonian journal of earth sciences 2020 / p. 269–280 <https://doi.org/10.3176/earth.2020.15> [Journal metrics at Scopus](#) [Article at Scopus](#)

Palaeoecological implications of the subfossil *Pediastrum argentinense*-type in Europe

Lenarczyk, Joanna; Kolaczek, Piotr; Jankovská, Vlasta; Turner, Falko; Karpińska-Kolaczek, Monika; Pini, Roberta; Pedziszewska, Anna; Zimny, Marcelina; **Stivriņš, Normunds**; Szymczyk, Artur Review of Palaeobotany and Palynology 2015 / p. 129 - 138 <https://doi.org/10.1016/j.revpalbo.2015.08.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoecological reconstruction of late-glacial vegetation dynamics in Eastern Baltic Area : a view based on plant macrofossil analysis = Hilisjäaaegsed taimkattemuutused Ida-Baltikumis taimsete makrojäanuste analüüsi põhjal

Amon, Leeli 2011 http://www.ester.ee/record=b2723506*est

Paleoökoloogid "rändasid" Saaremaa allikasoos ajas tagasi 9200 aastat [Võrguväljaanne]

novaator.err.ee 2019 / fot [Paleoökoloogid "rändasid" Saaremaa allikasoos ajas tagasi 9200 aastat](#)

Past environmental change and seawater intrusion into coastal Lake Lilaste, Latvia

Grudzinska, Ieva; Vassiljev, Jüri; Saarse, Leili; Reitalu, Triin; Veski, Siim Journal of paleolimnology 2017 / p. 257-271 : ill <https://doi.org/10.1007/s10933-017-9945-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Patterns in recent and Holocene pollen accumulation rates across Europe - the Pollen Monitoring Programme Database as a tool for vegetation reconstruction

Vojtěch, Abraham; Hicksa, Sheila; Svobodová-Svitavská, Helena; Koff, Tiiu; **Veski, Siim** Biogeosciences 2021 / p. 4511–4534 : ill <https://doi.org/10.5194/bg-18-4511-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Patterns of modern pollen and plant richness across northern Europe

Reitalu, Triin; Bjune, Anne E.; Blaus, Ansis; Gesecke, Thomas Journal of ecology 2019 / p. 1662-1677 : ill <https://doi.org/10.1111/1365-2745.13134> [Eesti teadlased: järvepõhjast pärit õietolm peegeldab taimede liigirikkust](#) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Peat stratigraphy and changes in peat formation during the Holocene in Latvia

Kalnina, Laimdota; **Stivriņš, Normunds**; Kuske, Eliza; Ozola, Ilze; Pujate, Agnese; Zeimule, Sandra; **Grudzinska, Ieva**; Ratniece, Vita Quaternary International 2015 / p. 186 - 195 <https://doi.org/10.1016/j.quaint.2014.10.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phytoplankton response to the environmental and climatic variability in a temperate lake over the last 14,500 years in eastern Latvia

Stivriņš, Normunds; Kolaczek, Piotr; **Reitalu, Triin**; Seppä, Heikki T.; **Veski, Siim** Journal of Paleolimnology 2015 / p. 103 - 119 <https://doi.org/10.1007/s10933-015-9840-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Plant macrofossil evidence for an early onset of the Holocene summer thermal maximum in northernmost Europe

Väliranta, Minna M.; Salonen, J. Sakari; Heikkilä, Maija P.; **Amon, Leeli**; Helmens, Karin F.; Klimaschewski, Andrea; Kuhry, Peter; Kultti, Seija; **Poska, Anneli**; Shala, Shygrete; **Veski, Siim**; Birks, Hilary H. Nature Communications 2015 / art. 6809 <https://doi.org/10.1038/ncomms7809> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pollen-based maps of past regional vegetation cover in Europe over 12 millennia—evaluation and potential

Githumbi, Esther; Pirzamanbein, Behnaz; Lindström, Johan; **Poska, Anneli**; Fyfe, Ralph; Mazier, Florence; Nielsen, Anne Brigitte; Sugita, Shinya; Trondman, Anna-Kari; Woodbridge, Jessie; Gaillard, Marie-José *Frontiers in Ecology and Evolution* 2022 / art. 795794 <https://doi.org/10.3389/fevo.2022.795794> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pollen-based quantitative reconstructions of Holocene regional vegetation cover (plant-functional types and land-cover types) in Europe suitable for climate modelling

Trondman, Anna Kari; Gaillard, Marie José; Mazier, Florence; Sugita, Shinya; Fyfe, Ralph M.; Nielsen, Anne Birgitte; Twiddle, Claire L.; Barratt, Philip; Birks, Hillary John Betteley; Bjune, Anne Elisabeth; **Veski, Siim** *Global Change Biology* 2015 / p. 676 - 697 <https://doi.org/10.1111/gcb.12737> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pollen-based REVEALS estimates of plant cover in Europe for 36 grid-cells and the last 11700 years [Online resource]

Marquer, Laurent; Gaillard, Marie-José; Sugita, Shinya; **Poska, Anneli**; Kangur, Mihkel; Koff, Tiit PANGAEA 2019 <https://doi.org/10.1594/PANGAEA.900966>

Postglacial Climate Change in Eastern Europe : Focus on Chironomid-based Reconstruction of Summer Temperatures and Continentality = Pärastjääaja kliimamuutus Ida-Euroopas : fookus Hironomiidide-põhisele suvetemperatuuride ja kontinentaalsuse rekonstruktsioonile

Bakumenko, Varvara 2025 https://www.ester.ee/record=b5757545*est <https://digikogu.taltech.ee/et/Item/6fdd0fb0-4152-4502-944e-c0ab7af0b10d> <https://doi.org/10.23658/taltech.53/2025>

Postglacial environmental conditions, vegetation succession and human impact In Latvia = Pärastjääaja keskkonnatingimused, taimestik ja inimõju Lätis

Stivriņš, Normunds 2015 https://www.ester.ee/record=b4447416*est

Postglacial flooding and vegetation history on the Ob River terrace, central Western Siberia based on the palaeoecological record from Lake Svetlenkoye

Amon, Leeli; Blaus, Ansis; Alliksaar, Tiit; Heinsalu, Atko; Lapshina, Elena; **Liiv, Merlin; Reitalu, Triin; Vassiljev, Jüri; Veski, Siim** *The Holocene* 2020 / p. 618–631 <https://doi.org/10.1177/0959683619895582> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Postglacial paleoseismic deformations of the southeastern Fennoscandia and Estonia

Sõstra, Ülo The 43rd Nordic Seismology Seminar : October 24-26, 2012, Nordic Hotel Forum, Tallinn, Estonia : programme, abstracts, list of participants 2012 / p. 31 <https://kirjandus.geoloogia.info/reference/45732>

Quantifying the effects of land use and climate on Holocene vegetation in Europe

Marquer, Laurent; Gaillard, Marie-José; Sugita, Shinya; **Poska, Anneli** *Quaternary science reviews* 2017 / p. 20-37 : ill <https://doi.org/10.1016/j.quascirev.2017.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantifying the land-use climate forcing in the past : a modelling approach focusing on Europe and the Holocene (LandClim II) [Online resource]

Githumbi, Esther; Trondman, A.-K.; Fyfe, R.; Kjellström, Erik; **Poska, Anneli** 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 179-180 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Quaternary deposits of the pritaymyr islands (the Kara Shelf)

Gusev, E.A.; Yarzhembovsky, Ya.D.; Makariev, A.A.; **Molodkov, A.N.**; Maksimov, F.E.; Kupriyanova, N.V.; Kostromina, N.A.; Rudenko, O.V.; Krylov, A.V.; Sharin, V.V.; Sharapova, A.Yu. *Russian geology and geophysics* 2023 / p. 582-594 : ill <https://doi.org/10.2113/RGG20224510> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rapidly transforming Holocene strandplain, affected by port jetty and hydroclimatic shifts – natural laboratory of past and future shoreline behavior

Tõnisson, Hannes; Luik, Katre; Suursaar, Ülo; Buynevich, Ilya; Kont, Are; **Männikus, Rain**; Ravis, Reimo; Suuroja, Sten; Vilumaa, Kadri *Journal of coastal research* 2024 / p. 715–719 <https://doi.org/10.2112/JCR-SI113-141.1>

Relative sea level changes and development of the Hiiumaa Island, Estonia, during the Holocene

Vassiljev, Jüri; Saarse, Leili; Grudzińska, Ieva; Heinsalu, Atko *Geological Quarterly* 2015 / p. 517 - 530 <https://doi.org/10.7306/gq.1227> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stone Age settlement and Holocene shore displacement in the Narva-Luga Klint Bay area, eastern Gulf of Finland

Rosentau, Alar; Muru, Merle; Kriiska, Aivar; Subetto, Dmitry A.; **Vassiljev, Jüri**; Hang, Tiit; Gerasimov, Dmitry; Nordqvist, Kerkko; Ludikova, Anna; Lõugas, Lembi; Raig, Hanna; Kihno, Kersti; Aunap, Raivo; Letyka, Nikolay *Boreas* 2013 / p. 912 - 931 <https://doi.org/10.1111/bor.12004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stop 6: Holocene lake responses to land-use induced catchment changes and disturbances in southern Estonia : linking land and lake

Heinsalu, Atko; Poska, Anneli; Veski, Siim Extent and timing of the Weichselian Glaciation southeast of the Baltic Sea : International Field Symposium of the INQUA Peribaltic Working Group : Tartu, September 13-17, 2009 : [abstracts & guidebook] 2009 / p. 75-76 : ill

Study of cyclicity in the evolution of vegetation and climate of the Neopleistocene for searching of palaeoenvironmental analogue of the Holocene [Online resource]

Bolikhovskaya, Nataliya; **Molodkov, Anatoli** Practical Geography and XXI Century Challenges. International Geographical Union Thematic Conference dedicated to the Centennial of the Institute of Geography of the Russian Academy of Sciences, 4–6 June 2018, Moscow. Conference Book. Part 1. 2018 / p. 142-151 : ill <https://bit.ly/2FPHFIL>

Submarine terraces of the Eastern Gulf of Finland: results of survey and reconstruction of evolution in Holocene

Ryabchuk, Daria; Leont'yev, Igor; Zhamoida, Vladimir; Spiridonov, Michail; Nesterova, Elena; **Kurennoy, Dmitry** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 130

Tallinna ala arengust Holotseenis = Holocene history of Tallinn

Saarse, Leili; Vassiljev, Jüri Tallinna geoloogia = Geology of Tallinn 2010 / lk. 118-129 : ill https://www.ester.ee/record=b2634906*est

Tallinna geoloogia = Geology of Tallinn

2010 https://www.ester.ee/record=b2634906*est

Tallinna sarase geoloogiast ja rannajoone muutustest Holotseenis

Saarse, Leili; Vassiljev, Jüri Muinas-Tallinna otsimas 2019 / lk. 90-105 : ill https://www.ester.ee/record=b5232100*est

Testing the effect of relative pollen productivity on the REVEALS model: a validated reconstruction of Europe-wide holocene vegetation

Serge, M.A.; Mazier, F.; Fyfe, Ralph; Gaillard, M.-J.; Klein, T.; Lagnoux, A.; **Poska, Anneli; Lisitsyna, Olga; Stivrins, Normunds; Veski, Siim** Land 2023 / art. 986, 31 p. : ill <https://doi.org/10.3390/land12050986> [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The final meltdown of dead-ice at the Holocene Thermal Maximum (8500–7400 cal. yr BP) in western Latvia, eastern Baltic

Stivrins, Normunds; Liiv, Merlin; Heinsalu, Atko; Galka, Mariusz; **Veski, Siim** The Holocene 2017 / p. 1146-1157 : ill

<https://doi.org/10.1177/0959683616683255> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Holocene isotopic record of aquatic cellulose from Lake Äntu Sinijärv, Estonia: Influence of changing climate and organic-matter sources

Street-Perrott, F. Alayne; Holmes, Jonathan A.; Robertson, Iain; Ficken, Katherine J.; Koff, Tiiu; **Martma, Tõnu** Quaternary science reviews 2018 / p. 68-83 : ill <https://doi.org/10.1016/j.quascirev.2018.05.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of climate, forest fires and human population size in Holocene vegetation dynamics in Fennoscandia

Kuosmanen, Niina; Marquer, Laurent; Tallavaara, Miikka; **Reitalu, Triin** Journal of vegetation science 2018 / p. 382–392 : ill

<https://doi.org/10.1111/jvs.12601> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A 14 500 - year multi-proxy reconstruction of climate and environment change in eastern Baltics : case study from Southern Estonia : [manuscript]

Bakumenko, Varvara; Lanka, Anna; Poska, Anneli; Vassiljev, Jüri; Alliksaar, Tiiu; Heiri, Oliver; Belle, Simon; Veski, Siim Postglacial Climate Change in Eastern Europe : Focus on Chironomid-based Reconstruction of Summer Temperatures and Continentality = Pärastjääaja kliimamuutus Ida-Euroopas : fookus Hironomiidide-põhisele suvetemperatuuride ja kontinentaalsuse rekonstruktsioonile 2025 / p. 130-176 : ill., map <https://digikogu.taltech.ee/et/Item/6fdd0fb0-4152-4502-944e-c0ab7af0b10d>
<https://digikogu.taltech.ee/et/Item/354a970b-7d88-4605-9772-6c372ffef8a8>

Timing and drivers of local to regional scale land-cover changes in the hemiboreal forest zone during the Holocene : a pollen-based study from South Estonia

Poska, Anneli; Väli, Vivika; Vassiljev, Jüri; Alliksaar, Tiiu; Saarse, Leili Quaternary Science Reviews 2022 / art. 107351

<https://doi.org/10.1016/j.quascirev.2021.107351> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Рельеф, строение и возраст четвертичных отложений долины р. Лены в Якутской излучине

Pravkin, Sergei; Bolšijanov, Dmitri; Saveljeva, Larisa; Pomortsev, Oleg; **Molodkov, Anatoli** Вестник Санкт-Петербургского университета. Науки о Земле 2018 / С. 209–229 : илл <https://doi.org/10.21638/11701/spbu07.2018.206>

<https://escjournal.spbu.ru/article/view/1243/1081> [Journal metrics at Scopus](#) [Article at Scopus](#)