

Biostratigraphy, shoreline changes and origin of the Limnea Sea lagoons in northern Estonia: The case study of Lake Harku

Grudzinska, Ieva; Saarse, Leili; Vassiljev, Jüri; Heinsalu, Atko *Baltica* 2014 / p. 15-24 : ill <https://doi.org/10.5200/baltica.2014.27.02>
[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](#)

Drastic changes in lake ecosystem development as a consequence of flax retting: a multiproxy palaeolimnological study of Lake Kooraste Linajärv, Estonia

Liiv, Merlin; Alliksaar, Tiiu; Freiberg, Rene; Heinsalu, Atko; Ott, Ingmar; Reitalu, Triin; Tõnno, Ilmar; Vassiljev, Jüri; Veski, Siim *Vegetation history and archaeobotany* 2018 / p. 437-451 : ill <https://doi.org/10.1007/s00334-017-0650-y> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ein bronzener Brillenspiralanhänger von der Insel Aegna (Estland) : Überlegungen zur Herkunft, Herstellung und zur Insel als Deponierungsort

Sperling, Uwe; Tamla, Ülle; Trommer, Frank; Vassiljev, Jüri; Viljus, Mart *Archäologisches Korrespondenzblatt* 2021 / S. 205-207
<https://doi.org/10.11588/ak.2021.2.89275> [Journal metrics at Scopus](#) [Article at Scopus](#)

Environment of European Last Mammoths : Reconstructing the Landcover of the Eastern Baltic Area at the Pleistocene/Holocene Transition

Krivokorin, Ivan; Poska, Anneli; Vassiljev, Jüri; Veski, Siim; Amon, Leeli *Land* 2025 / art. 178
<https://doi.org/10.3390/land14010178>

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 microbial eukaryotes to metazoan vertebrates : Wide spectrum paleo diversity in sedimentary ancient DNA over the last ~14,500 years

Kisand, Veljo; Talas, Liisi; Kisand, Anu; Stivrinš, Normunds; Reitalu, Triin; Alliksaar, Tiiu; Vassiljev, Jüri; Liiv, Merlin; Heinsalu, Atko; Seppä, Heikki; Veski, Siim *Geobiology* 2018 / p. 628-639 : ill <https://doi.org/10.1111/gbi.12307> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-resolution spectroscopic study of pore-water dissolved organic matter in Holocene sediments of Lake Peipsi (Estonia/Russia)

Leeben, Aina; Heinsalu, Atko; Alliksaar, Tiiu; Vassiljev, Jüri *Hydrobiologia* 2010 / p. 21-31 <https://doi.org/10.1007/s10750-010-0174-2>

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](#)

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 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

Karula kõrgustiku taimkatte ning inimasustuse pärastjääaegne areng

Poska, Anneli; Väli, Vivika; Kama, Pikne; Tomson, Pille; **Vassiljev, Jüri**; Kihno, Kersti *Eesti Geograafia Seltsi aastaraamat* = Yearbook of the Estonian Geographical Society. 42. kd 2017 / lk. 25-42 : ill https://dea.digar.ee/article/JVestgeograafiaselts/2017/04/07/http://egs.ee/wp-content/uploads/2017/10/EGS_aastaraamat_42_2017.pdf http://www.ester.ee/record=b1237665*est

Kopli ja Paljassaare poolsaar olid veel hiljaaegu saared

Saarse, Leili; Vassiljev, Jüri *Eesti Loodus* 2008 / 10, lk. 16-19 : ill http://vana.loodusajakiri.ee/eesti_loodus/artikkel2550_2547.html

Laborid ja muu teadusvarustus : [TTÜ Geoloogia Instituudi]

Aaloe, Aasa; Kaljo, Dimitri; Kaup, Enn; Martma, Tõnu; Vassiljev, Jüri; Molodkov, Anatoli; Hints, Olle; Verš, Evelin; Voolma, Margus; Urtson, Kristjan; Männik, Peep; Alliksaar, Tiiu *Geoloogia instituudi kuuskümmend viis aastat : loomine ja muutumised, inimesed ja teadus, meenutused ja suundumused* 2012 / lk. 65-80 : fot

Late glacial and early Holocene climate and environmental changes in the eastern Baltic area inferred from sediment C/N ratio

Liiv, Merlin; Alliksaar, Tiiu; Amon, Leeli; Freiberg, Rene; **Heinsalu, Atko; Reitalu, Triin; Saarse, Leili**; Seppä, Heikki; **Stivrinš, Normunds**; Tõnno, Ilmar; **Vassiljev, Jüri; Veski, Siim** *Journal of paleolimnology* 2019 / p. 1–16 : ill <https://doi.org/10.1007/s10933-018-0041-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lateglacial vegetation dynamics in the eastern Baltic region between 14,500 and 11,400 cal yr BP : a complete record since the Bølling (GI-1e) to the Holocene

Veski, Siim; Amon, Leeli; Heinsalu, Atko; Reitalu, Triin; Saarse, Leili; Stivrinš, Normunds; Vassiljev, Jüri *Quaternary science reviews* 2012 / p. 39-53 : ill <https://sci-hub.ru/10.1016/j.quascirev.2012.02.013>

Long-term drivers of forest composition in a boreonemoral region: The relative importance of climate and human impact

Reitalu, Triin; Seppä, Heikki; Sugita, Shinya; Kangur, Mihkel; Koff, Tiiu; Avel, Eve; Kihno, Kersti; **Vassiljev, Jüri**; Renssen, Hans; Hammarlund, Dan; Heikkilä, Maija; Saarse, Leili; **Poska, Anneli; Veski, Siim** *Journal of Biogeography* 2013 / p. 1524 - 1534 <https://doi.org/10.1111/jbi.12092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Läänemere areng

Vassiljev, Jüri *Eesti merenduse ajalugu* I 2023 / lk. 16-21 https://www.ester.ee/record=b5544776*est

Mattunud järvesetted peegeldavad Läänemere arengulugu

Saarse, Leili; Vassiljev, Jüri *Eesti Loodus* 2010 / 2, lk. 40-41 : ill https://artiklid.elnet.ee/record=b1964263*est

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 <https://doi.org/10.17741/bgsf/85.1.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mire plant diversity change over the last 10,000 years : Importance of isostatic land uplift, climate and local conditions

Blaus, Ansis; Reitalu, Triin; Poska, Anneli; Vassiljev, Jüri; Veski, Siim *Journal of ecology* 2021 / p. 3634-3651 <https://doi.org/10.1111/1365-2745.13742> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multiscale pollen-based reconstructions of anthropogenic land-cover change in Karula Upland, south Estonia

Väli, Vivika; **Vassiljev, Jüri; Alliksaar, Tiiu; Blaus, Ansis**; Kama, Pikne; Kihno, Kersti; **Põldmaa, Maret; Saarse, Leili**; Tomson, Pille; **Poska, Anneli** *Journal of archaeological science* 2024 / art. 105940, 12 p. : ill <https://doi.org/10.1016/j.jas.2024.105940> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

A palaeocoastline reconstruction for the Käsmu and Pärisea peninsulas (northern Estonia) over the last 4000 years

Grudzinska, Ieva; Saarse, Leili; Vassiljev, Jüri; Heinsalu, Atko; Veski, Siim *Estonian journal of earth sciences* 2012 / p. 307-316 : ill <https://doi.org/10.3176/earth.2012.4.09>

Palaeogeographic model for the SW Estonian coastal zone of the Baltic Sea

Rosentau, Alar; **Veski, Siim**; Kriiska, Aivar; Aunap, Raivo; **Vassiljev, Jüri; Saarse, Leili**; Hang, Tiit; **Heinsalu, Atko; Oja, Tõnis** *The Baltic Sea basin* 2011 / p. 165-188 : ill

Palaeoreconstruction of the Baltic Ice Lake in the Eastern Baltic

Vassiljev, Jüri; Saarse, Leili; Rosentau, Alar *The Baltic Sea basin* 2011 / p. 189-202 : ill

Paleoreconstruction of the Baltic Ice Lake in the eastern Baltic

Vassiljev, Jüri; Saarse, Leili; Rosentau, Alar BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 113

Past environmental change and seawater intrusion into coastal Lake Līlāste, 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](#)

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, Tiiu; 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](#)

Quantitative summer and winter temperature reconstructions from pollen and chironomid data between 15 and 8 ka BP in the Baltic-Belarus area

Veski, Siim; Seppä, Heikki; Stančikaite, Migle; Zernitskaya, Valentina; **Reitalu, Triin;** Gryguc, Grażyna; **Heinsalu, Atko; Stivrins, Normunds; Amon, Leeli; Vassiljev, Jüri;** Heiri, Oliver Quaternary International 2015 / p. 4 - 11 <https://doi.org/10.1016/j.quaint.2014.10.059> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reading past landscapes: combining modern and historical records, maps, pollen-based vegetation reconstructions, and the socioeconomic background

Poska, Anneli; Väli, Vivika; Tomson, Pille; **Vassiljev, Jüri;** Kihno, Kersti; **Alliksaar, Tiiu;** Villoslada, Miguel; **Saarse, Leili;** Sepp, Kalev Landscape ecology 2018 / p. 529–546 : ill <https://doi.org/10.1007/s10980-018-0615-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstructing vegetation dynamics in protected woodland at Järvselja, EastEstonia

Väli, Vivika; Poska, Anneli; Vassiljev, Jüri 11th European Palaeobotany and Palynology Conference : abstracts, program and proceedings 2022 / p. 242 <https://jirangopub.s3.eu-north-1.amazonaws.com/Files/2123/EPPC%20Abstracts%20Volume%20Final.pdf>

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

Vassiljev, Jüri; Saarse, Leili; Grudzinska, 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](#)

Sea level changes and Neolithic hunter-fisher-gatherers in the centre of Tallinn, southern coast of the Gulf of Finland, Baltic Sea

Muru, Merle; Rosentau, Alar; Kriiska, Aivar; **Vassiljev, Jüri; Saarse, Leili** The Holocene 2017 / p. 917-928 : ill <https://doi.org/10.1177/0959683616678462> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spring onset and seasonality patterns during the Late Glacial period in the eastern Baltic region

Amon, Leeli; Wagner-Cremer, Friederike; **Vassiljev, Jüri; Veski, Siim** Climate of the Past 2022 / p. 2143-2153 : ill., map <https://doi.org/10.5194/cp-18-2143-2022> [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](#)

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 sarase geoloogias ja rannajoone muutustest Holotseenis

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

The n-alkane composition of the Late-glacial lake sediments from eastern Baltic correlates with paleoclimatic episodes

Amon, Leeli; Veski, Siim; Liiv, Merlin; Alliksaar, Tiiu; Vassiljev, Jüri; Sachse, Dirk Geophysical Research Abstracts 2018 / p. EGU2018-16115-1 <https://meetingorganizer.copernicus.org/EGU2018/EGU2018-16115-1.pdf> <http://adsabs.harvard.edu/abs/2018EGUGA..2016115A>

The Reading Palaeofire Database : an expanded global resource to document changes in fire regimes from sedimentary charcoal records

Harrison, Sandy P.; Villegas-Diaz, Roberto; Cruz-Silva, Esmeralda; Gallagher, Daniel; Kesner, David; Lincoln, Paul; Lisitsyna, Olga; Poska, Anneli; Stivrins, Normunds; Vassiljev, Jüri Earth system science data 2022 / p. 1109–1124 <https://doi.org/10.5194/essd-14-1109-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Verijärv area, South Estonia over the last millennium: A high resolution quantitative land-cover reconstruction based on pollen and historical data

Poska, Anneli; Saarse, Leili; Koppel, Kalev; Nielsen, Anne B.; Avel, Eve; **Vassiljev, Jüri;** Väli, Vivika Review of palaeobotany and palynology 2014 / p. 5-17 : ill <https://doi.org/10.1016/j.revpalbo.2014.04.001> [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](#)

Timing of the Baltic Ice Lake in the eastern Baltic

Vassiljev, Jüri; Saarse, Leili Bulletin of the Geological Society of Finland 2013 / p. 9-18 : ill <https://doi.org/10.17741/bgsf/85.1.001>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Timing of the deglaciation and the late-glacial vegetation development on the Pandivere Upland, North Estonia

Amon, Leeli; Saarse, Leili; Vassiljev, Jüri; Heinsalu, Atko; Veski, Siim Bulletin of the Geological Society of Finland 2016 / p. 69-83 : ill <https://doi.org/10.17741/bgsf/88.2.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tree taxa immigration to the eastern Baltic region, southeastern sector of Scandinavian glaciation during the Late-glacial period (14,500-11,700 cal. b.p.)

Amon, Leeli; Veski, Siim; Vassiljev, Jüri Vegetation history and archaeobotany 2014 / p. 207-216 : ill <https://doi.org/10.1007/s00334-014-0442-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Water-level changes and palaeogeography of the Baltic Sea and displacement of Stone Age human occupations in Pärnu area, southwest Estonia

Rosentau, Alar; **Veski, Siim;** Kriiska, Aivar; Hang, Tiit; **Vassiljev, Jüri; Saarse, Leili;** Aunap, Raivo; **Heinsalu, Atko; Oja, Tõnis** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 195

Õietolmupõhiste taimkatte rekonstruktsioonide sõltuvus uuritava järve valikust

Palusalu, Maret; **Poska, Anneli;** Väli, Vivika; **Vassiljev, Jüri; Eensalu, Mariliis;** Stansell, Nathan Eesti Geograafia Seltsi aastaraamat = Yearbook of the Estonian Geographical Society. 46. kd 2023 / lk. 48-61 : ill http://egs.ee/wp-content/uploads/2024/04/EGS_aastaraamat_46-parandatud.pdf https://www.ester.ee/record=b1237665*est