

A radical shift from soft-water to hard-water lake: palaeolimnological evidence from Lake Kooraste Kõverjärv, southern Estonia

Alliksaar, Tiiu; Heinsalu, Atko Estonian journal of earth sciences 2012 / p. 317-327 : ill

AAS determination of trace elements in lakewater and sediments

Lepane, Viia; Viitak, Anu ISM'92 : 12-th International Symposium on Microchemical Techniques, Cordoba, Spain, 6-11 Sept. 1992 : abstracts 1992

Anthropogenic transformation of the ecological functioning of small hard-water lakes : analysis of sedimentary pigments and stable isotopes

Mikomägi, Annika; Martma, Tõnu ASLO 2017 : Mountains to the Sea : Hawaii Convention Center, Honolulu, Hawaii, 26 February - 3 March 2017 / [1] p <http://www.sgmeet.com/aslo/honolulu2017/viewabstract.asp?AbstractID=29652>

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

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

Chemical analysis of temporal changes in the structure and quantity of organic biomolecules of lake sediments

Lepane, Viia; Makarõitseva, Natalja; Viitak, Anu; Alliksaar, Tiiu International Humic Substances Society 11th Nordic-Baltic Symposium. Functioning of NOM in the Environment : Joensuu, Finland, June 10-13 : abstracts 2007 / p. 42

Contrasting responses to long-term climate change of carbon flows to benthic consumers in two different sized lakes in the Baltic area

Freiberg, Rene; Belle, Simon; Poska, Anneli; Agasild, Helen; Alliksaar, Tiiu; Tõnno, Ilmar Quaternary science reviews 2018 / p. 168-176 : ill <https://doi.org/10.1016/j.quascirev.2018.03.027> [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](#)

Deposition fluxes of polycyclic aromatic hydrocarbons in the bottom sediments of lake Pihkva

Kapanen, Galina; Terasmaa, Jaanus; Vaasma, Tiit; Raukas, Anto Oil shale 2013 / p. 550-562 : ill https://artiklid.elnet.ee/record=b2651389*est

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](#)

The ecological impact of conquest and colonization on a medieval frontier landscape : combined palynological and geochemical analysis of lake sediments from Radzyń Chełmiński, Northern Poland

Brown, Alex; Banerjee, Rowena; Wynne, Amanda Dawn; Stivrins, Normunds; Jarzebowski, Marc; Shillito, Lisa-Marie; Pluskowski, Aleks Geoarchaeology 2015 / p. 511 - 527 <https://doi.org/10.1002/gea.21525> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ecosystem changes in large and shallow Võrtsjärv, a lake in Estonia - evidence from sediment pigments and phosphorus fractions

Tõnno, Ilmar; Kirs, Anna-Liisa; Freiberg, Rene; Alliksaar, Tiiu; Lepane, Viia; Kõiv, Toomas; Kisand, Anu; Heinsalu, Atko Boreal environment research 2013 / p. 195-208 : ill <https://www.semanticscholar.org/paper/Ecosystem-changes-in-large-and-shallow-V%C3%B5rtsj%C3%A4rv%C2%AC-a-T%C3%B5nno-Kirsi/1b6537bb746d1efabb83b1db1529b453fa231138> [Journal metrics at Scopus](#) [Article at Scopus](#)

Fluorescence spectroscopy of sedimentary pore-water humic substances : a simple tool for retrospective analysis of lake ecosystems

Leeben, Aina; Mikomägi, Annika; Lepane, Viia; Alliksaar, Tiiu Journal of soils and sediments 2014 / p. 269-279 : ill <https://doi.org/10.1007/s11368-013-0768-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kisand, Veljo; Talas, Liisi; Kisand, Anu; Stivrins, 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](#)

Heavy metals in some Estonian lake sediments

Lepane, Viia; Ott, Roman; Varvas, M. Environmental Contamination : 5-th International Conference, Morges, Switzerland, Sept., 1992 1992 / p. 84-86

High-performance size exclusion chromatography analysis of lake sediment pore-water dissolved organic matter

Lepane, Viia; Makarõtsõeva, Natalja; Bonningues, Nicolas; **Leeben, Aina** Humic Substances - Linking Structure to Functions : proceedings of the 13th Meeting of the International Humic Substances Society : July 30 to August 4, 2006, Universität Karlsruhe 2006 / p. 209-212 : ill

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 hydroclimate variability reconstructed from Lake Pangodi sediments in Estonia

Eensalu, Mariliis; Stansell, Nathan D.; Tõnisson, Hannes; Terasmaa, Jaanus; Vandell, Egert; Vaasma, Tiit; Klein, Eric S.; Kuhle, Cameron R.; Nelson, Daniel B. Palaeogeography, Palaeoclimatology, Palaeoecology 2024 / art. 112531 <https://doi.org/10.1016/j.palaeo.2024.112531> [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, Tiiu** 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](#)

Homogeneous microbial diversity in the upper sediment layers of a shallow lake

Tõrtõva, Natalja; **Kisand, Anu;** Baty, Florent; Kisand, Veljo Aquatic Microbial Ecology 2013 / p. 77 - 85 <https://doi.org/10.3354/ame01647> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

HPLC approach for revealing age-related changes of aquatic dissolved organic matter in sediment core

Lepane, Viia; Tõnno, Ilmar; Alliksaar, Tiiu Procedia chemistry 2010 / p. 101-108 : ill <https://www.sciencedirect.com/science/article/pii/S1876619609004124>

HPLC fingerprints of porewater organic compounds as markers for environmental conditions

Lepane, Viia International perspectives on global environmental change 2012 / p. 311-328 : ill https://www.researchgate.net/publication/221923691_HPLC_Fingerprints_of_Porewater_Organic_Compounds_as_Markers_for_Environmental_Conditions

Interaction of humic substances with metal cations

Übner, Monika 2004 https://www.ester.ee/record=b1990652*est

Interaction of metal cations with different humic substances from sea and lake sediments

Übner, Monika; Treumann, Maili; Viitak, Anu; Lopp, Margus Proceedings of the Estonian Academy of Sciences. Chemistry 2005 / 1, p. 24-34 : ill

Järvelubi - kaasaeg või ajalugu?

Õnnis, Ave-Õne XVII aprillikonverentsi "Unustatud maavarad" teesid : [3. aprill 2009, Tallinn] 2009 / lk. 34-35 https://www.ester.ee/record=b2522366*est

Laminated Estonian lake sediment record as an indicator of past precipitation changes

Eensalu, Mariliis; Stansell, Nathan; **Poska, Anneli; Veski, Siim** IPA-IAL 2018 Joint Meeting : Unravelling the Past and Future of Lakes : abstract book 2018 / p. 116 <http://doi.org/10.5281/zenodo.1287585>

Mattunud järvesettide 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](#)

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Multimethod analysis of organic constituents and selected metals in lake sediments and interstitial water

Lepane, Viia; Makarõtsõeva, Natalja; Viitak, Anu; Alliksaar, Tiiu; Havel, J. Euroanalysis XIV : Antwerp (Belgium), 9-14 September 2007 : book of abstracts 2007 / p. 112

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>

Partitioning of metals between operational fractions in the sediment record from Lake Peipsi

Lepane, Viia; Morriset, Malvina; Viitak, Anu; Laane, Maile; Alliksaar, Tiiu Chemistry and ecology 2010 / Suppl., p. 35-48 : ill
<https://doi.org/10.1080/02757540.2010.501031>

Petrography and the REE-composition of apatite in the Paleoproterozoic Pilgijärvi Sedimentary Formation, Pechenga Greenstone Belt, Russia

Joosu, Lauri; Lepland, Aivo; Kreitsmann, Timmu Geochimica et cosmochimica acta 2016 / p. 135-153 : ill
<https://doi.org/10.1016/j.gca.2016.04.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sedimentary Ancient DNA (sedaDNA) Reveals Fungal Diversity and Environmental Drivers of Community Changes throughout the Holocene in the Present Boreal Lake Lielais Svētīņu (Eastern Latvia)

Talas, Liisi; Stivrīns, Normunds; Veski, Siim; Tedersoo, Leho; Kisand, Veljo Microorganisms 2021 / art. 719, 21 p. : ill., map
<https://doi.org/10.3390/microorganisms9040719> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sedimentary carbon forms in relation to climate and phytoplankton biomass in a large, shallow, hard-water boreal lake

Ehapalu, Kristiina; Tönno, Ilmar; Reitalu, Triin; Alliksaar, Tiiu; Liiv, Merlin; Freiberg, Rene; Nöges, Peeter Journal of paleolimnology 2017 / p. 81-93 : ill <https://doi.org/10.1007/s10933-016-9931-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sedimentary record of heavy metals in Lake Rõuge Liinjärv, southern Estonia

Lepane, Viia; Varvas, Mart; Viitak, Anu; Alliksaar, Tiiu; Heinsalu, Atko Estonian journal of earth sciences 2007 / 4, p. 221-232 : ill

Structural analysis of sediments from Lake Peipsi, Estonia, by FTIR and Py-GC/MS

Makarõtševa, Natalja; Bikovens, O.; Alliksaar, Tiiu; Lepane, Viia Programme and Abstracts : 13th Nordic-Baltic IHSS Symposium. The role of natural organic matter in the environment : Oskarsborg, Norway, June 19-22, 2011 2011 / p. 30

The interactions of metal cations with different humic substances

Übner, Monika; Treumann, Maili; Lopp, Margus 9th Nordic IHSS Symposium on Abundance and Functions of Natural Organic Matter Species in Soil and Water : Sundsvall, Sweden, 2003 : abstracts 2003 / p. 53P https://kirj.ee/wp-content/plugins/kirj/pub/chem-1-2005-24-34_20211020090234.pdf

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>

Изучение озерно-болотных формаций в целях палеогеографических реконструкций : тезисы докладов совещания, Лохусалу, 17-19 марта, 1986 г.

1986 https://www.ester.ee/record=b1302386*est