

**Assessment of paleo-recharge under the Fennoscandian Ice Sheet and its impact on regional groundwater flow in the northern Baltic Artesian Basin using numerical model**

Sterckx, Arnaud; Lemieux, Jean-Michel; **Vaikmäe, Rein** Hydrogeology journal 2018 / p. 2793–2810 : ill <https://doi.org/10.1007/s10040-018-1838-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Development of the late glacial Baltic basin and the succession of vegetation cover as revealed at Palaeolake Haljala, northern Estonia**

**Saarse, Leili**; Niinemets, Eve; **Amon, Leeli**; **Heinsalu, Atko**; **Veski, Siim**; Sohar, Kadri Estonian journal of earth sciences 2009 / 4, p. 317-333 : ill [https://artiklid.einet.ee/record=b1944248\\*est](https://artiklid.einet.ee/record=b1944248*est)

**Groundwater residence time and paleohydrology in the Baltic Artesian basin: isotope geochemical data**

**Vaikmäe, Rein**; Gerber, C.; **Purtschert, Roland**; **Aeschbach-Hertig, Werner**; **Raidla, Valle** AGU Fall Meeting 2016 : San Francisco, California, 12-16 December 2016 2016 / p. H43E-1491

**Isotoop-paleoklimatoloogia ja -hüdroloogia**

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**Late Pleistocene and Holocene groundwater flow history in the Baltic Artesian Basin : a synthesis of numerical models and hydrogeochemical data**

**Vaikmäe, Rein**; **Pärn, Joonas**; **Raidla, Valle**; **Ivask, Jüri**; **Kaup, Enn**; **Martma, Tõnu** Estonian journal of earth sciences 2021 / p. 152-164 : ill <https://doi.org/10.3176/earth.2021.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Origin and geochemical evolution of palaeogroundwater in the northern part of the Baltic artesian basin = Paleopõhjave te päritolu ja geokeemiline areng Balti arteesiabasseini põhjaosas**

**Pärn, Joonas** 2018 <https://digi.lib.ttu.ee/i/?10917> [https://www.ester.ee/record=b5158223\\*est](https://www.ester.ee/record=b5158223*est)

**Redox zonation and organic matter oxidation in palaeogroundwater of glacial origin from the Baltic Artesian Basin**

**Pärn, Joonas**; Affolter, Stephane; **Ivask, Jüri**; Kirsimäe, Kalle; **Martma, Tõnu**; **Raidla, Valle**; **Vaikmäe, Rein** Chemical geology 2018 / p. 149-161 : ill <https://doi.org/10.1016/j.chemgeo.2018.04.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Transient 3D simulation of 18O concentration by codes MODFLOW2005 and MT3DMS in a regional scale aquifer system : an example from the Estonian Artesian Basin**

Vallner, Leo; **Ivask, Jüri**; Marandi, Andres; **Vaikmäe, Rein**; **Raidla, Valle**; **Raukas, Anto** Estonian journal of earth sciences 2020 / p. 154–174 : ill <https://doi.org/10.3176/earth.2020.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)