

Action Group West - analysis and results

Arnesson, Sten Inge Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia 1994 / p. 132-138: ill

Adaption of a method for involving environmental aspects in spatial planning of river basin management - a case study of the Narva River basin

Piirimäe, Kristjan; Pachel, Karin; Reihan, Alvina Estonian journal of ecology 2010 / p. 302-320 : ill

Agricultural runoff monitoring in Estonia

lital, Arvo; Loigu, Enn "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University 2001 / p. 67-76 : ill

Analysis of long-term river runoff trends and climate change impact on water resources in Estonia = Eesti jõgede äravoolu pikaajaliste trendide analüüs ja kliima muutuste mõju veeressurssidele

Reihan, Alvina 2008 http://www.ester.ee/record=b2367026*est

Baltic agriculture in transition - the contribution to nutrient loads in the Gulf of Riga drainage basin

Vagstad, Nils; Jansons, Viesturs; Loigu, Enn; Deelstra, Johannes International Conference on Agricultural Effects on Ground and Surface Waters : Research and Policy at the Edge of Science and Society : Wageningen, 2000 2000 / p. 1-9
https://www.researchgate.net/publication/267831903_Baltic_agriculture_in_transition-the_contribution_to_nutrient_loads_in_the_Gulf_of_Riga_drainage_basin

Comparative analysis of hydrological and hydrochemical data from small watersheds

Loigu, Enn; Vassiljev, Anatoli; lital, Arvo; Vagstad, Nils; Deelstra, Johannes XX Nordic Hydrological Conference, Helsinki, Finland, 10-13 August, 1998. Vol. 1 1998 / p. 225

Comparison of two one-dimensional nitrogen leaching models at the watershed scale

Vassiljev, Anatoli Environmental engineering science 2006 / 1, p. 225-229 : ill <https://www.liebertpub.com/doi/10.1089/ees.2006.23.225>

Consequences of catchment processes and climate changes on the ecological status of large shallow temperate lakes

Nõges, Tiina; Järvet, Arvo; Laugaste, Reet; Loigu, Enn; Leisk, Ülle; Tõnno, Ilmar; Nõges, Peeter Aquatic ecosystems : conservation, restoration and management 2005 / p. 88-99

Consequences of catchment processes and climatic changes on the ecological status of large shallow temperate lakes

Nõges, Tiina; Loigu, Enn; Järvet, Arvo; Laugaste, Reet; Tõnno, Ilmar; Nõges, Peeter Symposium on Conservation, Restoration and Management of Aquatic Ecosystems 2002 / p. 159-171

Drivers of dissolved organic carbon export in a subarctic catchment : importance of microbial decomposition, sorption-desorption, peatland and lateral flow

Tang, Jing; Yurova, Alla Y.; Schurger, Guy; Miller, Paul A.; Olin, Stefan; Smith, Benjamin; Siewert, Matthias B.; Olefeldt, David; Pilesjö, Petter; Poska, Anneli Science of the total environment 2018 / p. 260-274 : ill <https://doi.org/10.1016/j.scitotenv.2017.11.252> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A dual-porosity model for nitrogen leaching from a watershed

Vassiljev, Anatoli; Grimvall, A.; Larson, M. Hydrological sciences journal 2004 / p. 313-322 <https://doi.org/10.1623/hysj.49.2.313.34836>

Effects of large-scale changes in emissions on nutrient concentrations in Estonian rivers in the Lake Peipsi drainage basin

lital, Arvo; Stalnacke, Per; Deelstra, Johannes; Loigu, Enn; Pihlak, Margus Journal of hydrology 2005 / 1/4, p. 261-273 : ill

Environmental assessment and water protection management of Matsalu Bay catchment area

Velner, Harald-Adam; Loigu, Enn; Leisk, Ülle Tallinna Tehnikaülikooli Toimetised 1994 / lk. 32-40: ill

"Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University

Seepõld, Marit 2001 https://www.ester.ee/record=b1546715*est

Estimation of river runoff for ungauged catchments in Estonia

Kovalenko, Olga; Reihan, Alvina CEMEPE/SECOTOX Conference : June 24-28, 2007, Skiathos island (Greece) 2007 / p. ?

Experience of an application of the HBV model for runoff computation in Estonia

Reihan, Alvina; Kovalenko, Olga "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental

Factors influencing water quality at the watershed level

Ostrowska, E.B.; Sapek, A.; Azis, B. Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia : abstracts 1993 / p. 13

Hydrogen isotope biogeochemistry of plant waxes in paired lake catchments

Eensalu, Mariliis; Nelson, Daniel B.; Buczynska, Anna; Rach, Oliver; Klein, Eric S.; Dodd, Justin P.; **Poska, Anneli**; Stansell, Nathan D. Organic geochemistry 2023 / art. 104674, 17 p. : ill <https://doi.org/10.1016/j.orggeochem.2023.104674> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrological pathways and nitrogen runoff in agricultural dominated catchments in Nordic and Baltic countries

Deelstra, Johannes; **lital, Arvo**; Povilaitis, Arvydas; Kyllmar, Katarina; Greipsland, Inga; Blicher-Mathiesen, Gitte; Jansons, Viesturs; Koskiaho, Jari; Lagzdins, Ainis Agriculture, ecosystems and environment 2014 / p. 211-219 : ill <https://doi.org/10.1016/j.agee.2014.06.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrological processes in small agricultural catchments

Deelstra, Johannes; Eggestad, Hans Olav; **lital, Arvo**; Jansons, Viesturs Proceedings of the 10th International Drainage Workshop of ICID Working Group on Drainage : Helsinki/Tallinn 6-11. July 2008 2008 / p. 314-333 : ill

Interactions between hydrology and nutrient runoff in small agricultural catchments. A comparative study of Estonian, Latvian and Norwegian catchments

Deelstra, Johannes; Vagstad, Nils; **Loigu, Enn**; **Vassiljev, Anatoli**; Jansons, Viesturs XX Nordic Hydrological Conference, Helsinki, Finland, 10-13 August, 1998. Vol. 1 1998 / p. 120-128: ill

Investigation of effluence from drained peatlands on diffuse nutrient load from watershed

Vassiljev, Anatoli; **Blinova, Irina**; **Ennet, Peeter**; Ilomets, M. Book of abstracts : 12th International Conference on Integrated Diffuse Pollution Management (IWA DIPCON 2008) : Thailand, 25-29 August 2008 2008 / [6] p

Land cover and land use changes as a driver for the changes in Earth's system in the Baltic Sea region [Online resource]

Poska, Anneli Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 16 : ill https://www.baltic-earth.eu/multipledrivers2018/material/No.14_Tallinn2018.pdf

Long-term monitoring of nutrient losses from agricultural catchments in the Nordic–Baltic region – a discussion of methods, uncertainties and future needs

Kyllmar, Katarina; Bechmann, Marianne; Deelstra, Johannes; **lital, Arvo**; Blicher-Mathiesen, Gitte; Jansons, Viesturs; Koskiaho, Jari; Povilaitis, Arvydas Agriculture, ecosystems and environment 2014 / p. 4-12 : ill <https://doi.org/10.1016/j.agee.2014.07.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Läänemere valgla hooajaliste massivariatsioonide arvutamine satelliitgravimeetriliste andmete põhjal

Gruno, Anti Geodeet 2011 / lk. 38-46

Modeling of nitrogen leaching from a watershed

Vassiljev, Anatoli Proc. 8th IWA International Conference on Diffuse/Nonpoint Pollution : 24-29 Oct. 2004, Kyoto, Japan 2004 / p. 235-240

Modeling of the water flow and quality in rivers

Vassiljev, Anatoli; Grimvall, Anders; Larsson, Martin "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University 2001 / p. 94-102 : ill

Modeling of wash-off and leaching of pollutants from watershed by spring flow for analyzing monitoring data

Vassiljev, Anatoli; **Blinova, Irina** Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia 1994 / p. 160-165: ill

Modeling wash off and leaching of pollutants from watershed by spring flow for analyzing monitoring data

Vassiljev, Anatoli; **Blinova, Irina** Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia : abstracts 1993 / p. 44-45: ill

Monitoring of surface water quality in small agricultural watersheds : methodology and optimisation of monitoring network

lital, Arvo 2005 https://www.ester.ee/record=b2041770*est

Nitrogen and phosphorus losses in Nordic and Baltic agricultural monitoring catchments-Spatial and temporal variations in relation to natural conditions and mitigation programmes

Kyllmar, Katarina; Bechmann, Marianne; Blicher-Mathiesen, Gitte; Fischer, Franziska Katharina; Folster, Jens; **lital, Arvo**; Lagzdins,

Ainis; Povilaitis, Arvydas; Rankinen, Katri CATENA 2023 / art. 107205 <https://doi.org/10.1016/j.catena.2023.107205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen content and trends in agricultural catchments in Estonia

lital, Arvo; Klõga, Marija; Pihlak, Margus; Pachel, Karin; Zahharov, Andre; Loigu, Enn Agriculture, ecosystems and environment 2014 / p. 44-53 : ill <https://doi.org/10.1016/j.agee.2014.03.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nutrient losses and NAMPP balances in small agricultural watersheds in Estonia

lital, Arvo; Loigu, Enn; Vagstad, Nils Nordic hydrology 2003 / 5, p. 531-542 : ill https://www.researchgate.net/publication/279600565_Nutrient_Losses_and_N_P_Balances_in_Small_Agricultural_Watersheds_in_Estonia

Nutrient losses and NP balances in small agricultural watersheds in Estonia

lital, Arvo; Loigu, Enn; Vagstad, Nils XXII Nordic Hydrological Conference : Roros, Norway, 4-7 August 2002. Vol. I 2002 / p. 221-228 : ill

Nõukogu direktiivi 91/676/EMÜ, veekogude kaitsmise kohta põllumajandusest lähtuva nitraadireostuse eest, täitmine Eestis 2004-2007

Raia, Tiiu; **lital, Arvo** 2008 https://www.ester.ee/record=b2477431*est

Peipsi järve valgla reostuskoormus ja jõgede vee kvaliteet

Loigu, Enn; lital, Arvo; Karlova, Svetlana; Leisk, Ülle; Pachel, Karin; Sults, Ülo; Trapido, Marina; Vassiljev, Anatoli; Veldre, Ingeborg Peipsi 1999 / lk. 66-80: ill

Pollution load from livestock farming on the territory of Estonia in lake Peipsi-Pihkva catchment basin

Pärnapuu, Mare; Loigu, Enn Theses of the reports of the VIII Symposium Concerning the Problems of Waterbodies Water Quality, Tallinn, Oct. 23-25, 1990 1990 / p. 53-54

Quantitative land-cover change in space and time over the last 11 000 years in the Baltic Sea catchment area and Norway - implications for studies on vegetation-climate interactions and land-use as a forcing of climate change

Trondman, Anna-Kari; Gaillard, Marie-Jose; Nielsen, Anne Birgitte; **Veski, Siim** Geophysical research abstracts 2016 / p. EGU2016-6169 <http://meetingorganizer.copernicus.org/EGU2016/EGU2016-6169.pdf>

Reprint of "Hydrological pathways and nitrogen runoff in agricultural dominated catchments in Nordic and Baltic countries"

Deelstra, Johannes; **lital, Arvo; Povilaitis, Arvydas; Kyllmar, Katarina; Greipsland, Inga; Blicher-Mathiesen, Gitte; Jansons, Viesturs; Koskiaho, Jari; Lagzdins, Ainis** Agriculture, ecosystems and environment 2014 / p. 65-73 : ill <https://doi.org/10.1016/j.agee.2014.06.032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Source apportionment of nutrients in Estonian rivers

Vassiljev, Anatoli; Blinova, Irina; Ennet, Peeter 10th International Specialised Conference on Diffuse Pollution and Sustainable Basin Management : Sep. 18-22, 2006, Istanbul, Turkey 2006 / [8] p <https://www.sciencedirect.com/science/article/abs/pii/S0011916408001549>

Statistical modelling of riverine nutrient sources and retention in the Lake Peipsi drainage basin

Vassiljev, Anatoli; Stalnacke, Per Water science & technology Water science and technology 2005 / 3/4, p. 309-317 : ill

Status of the rivers in the catchment basin of L.Peipsi - the largest transboundary lake in Europe

Loigu, Enn; Leisk, Ülle; Olli, K.; Pall, P.; Timm, Henn; Järvekülg, A.; Viik, M.; Porgassaar, M.; Nõges, Tiina Sustainable Management of Transboundary Waters in Europe : Second International Conference, Poland, Miedzydroje, 21-24 April, 2002 : lecture and posters 2002 / p. 355-363 : ill

Stormwater quantity and quality of large urban catchment in Tallinn = Sademevee äravool ja kvaliteet suure linna valgalal Tallinna näitel

Maharjan, Bharat 2016 <https://digi.lib.ttu.ee/i/?7131> https://www.ester.ee/record=b4640577*est

Temporal trends in nitrogen concentrations and losses from agricultural catchments in the Nordic and Baltic countries

Stalnacke, Per; Aakeroy, Paul Andreas; **lital, Arvo** Agriculture, ecosystems and environment 2014 / p. 94-103 : ill <https://doi.org/10.1016/j.agee.2014.03.028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The estimation of total and anthropogenic chemical load from the catchment area of the Neva River into the Gulf of Finland

Skakalski, Boris Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia : abstracts 1993 / p. 19

The flashiness index and transport/retention of nutrients and suspended solids

Deelstra, Johannes; **lital, Arvo** NJF Seminar 373 : Transport and Retention of Pollutants from Different Production Systems : Tartu, Estonia, 11-14 June 2006 / p. 62-69 : ill., map https://artiklid.elnet.ee/record=b2645417*est

The physical environment: Lake Peipsi and its drainage basin

Stalnacke, Per; Vandsemb, Stine; **Loigu, Enn; Heinsalu, Atko**; Skakalski, Boris Integrated transboundary water management in theory and practice : experiences from the new EU eastern border 2006 / p. 25-54 : ill

The use of the flashiness index as a possible indicator for nutrient loss prediction in agricultural catchments

Deelstra, Johannes; **lital, Arvo** Boreal environment research 2008 / 3, p. 209-221 : ill
<https://www.borenav.net/BER/archive/pdfs/ber13/ber13-209.pdf>

Time resolution and hydrological characteristics in agricultural catchments

Deelstra, Johannes; Eggstad, Hans Olav; **lital, Arvo**; Jansons, Viesturs; Barkved, Line J. Status and perspectives of hydrology in small basins 2010 / p. 138-143
https://www.researchgate.net/publication/215743143_Time_resolution_and_hydrological_characteristics_in_agricultural_catchments

Toitainete ärakanne väikestelt põllumajandusvalglatelt

lital, Arvo Keskkonnatehnika 1999 / 4, lk. 5-6 https://artiklid.elnet.ee/record=b1001629*est

Transboundary diagnostic analysis of lake Peipsi/Chudskoe

Stalnacke, Per; **Loigu, Enn**; Melnik, Marina; Nõges, Tiina; Vetemaa, Markus 2005
<https://iwlearn.net/resolveuid/801cbe20ff876b0b5dfba60b985488e2>

Use of two one-dimensional models, describing leach[i]ng of nitrogen, on watershed scale

Vassiljev, Anatoli; Blinova, Irina XXII Nordic Hydrological Conference : Roros, Norway 4-7 August 2002. Vol. I 2002 / p. 249-258 : ill

Watershed management in the Matsalu Bay Catchment Area : experiences and conclusions

lital, Arvo; Loigu, Enn Halduskultuur 2002 : teaduskonverentsi ettekanded 2003 / p. 234-243
https://artiklid.elnet.ee/record=b1014734*est

Вынос загрязняющих веществ с водосбора малых водотоков

Loigu, Enn; Velner, Harald-Adam; Saava, Astrid Неустановившееся движение жидкости в трубах 1980 / с. 103-110 : илл
https://www.ester.ee/record=b1263941*est <https://digikogu.taltech.ee/et/Item/aeac2da9-cb51-4746-9dc3-c435104586eb>

Нагрузка загрязнениями водосбора Псково-Чудского озера и качество воды в реках

Loigu, Enn; Reihan, Alvina; Leisk, Ülle; lital, Arvo; Pachel, Karin Псково-Чудское озеро 2012 / с. 185-208 : ил