

Agricultural activity and river water quality

Vassiljev, Anatoli; Blinova, Irina International conference HYDROTOP 99 : Marseille, France, June 15-17, 1999 1999 / p. 181-187

An assessment of riverine loads of nutrients to the Lake Peipsi

Stalnacke, Per; Sults, Ülo; **Vassiljev, Anatoli**; Skakalski, Boris; Botina, A.; Roll, G.; Pachel, Karin; Maltzman, T. Archiv für Hydrobiologie 2002 / p. 437-457

Analysis of the water flow in the water distribution system from point view of hydraulic energy

Koppel, Tiit; Vassiljev, Anatoli Proceedings of the International Conference "Hydraulics (Science and Discipline)" 2004 / p. 46-47

Automatic calibration module for an urban drainage system model

Annus, Ivar; Vassiljev, Anatoli; Kändler, Nils; Kaur, Katrin Water 2021 / art. 1419 <https://doi.org/10.3390/w13101419> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automatic calibration toolbox for SWMM5

Vassiljev, Anatoli; Suits, Kristjan; Kaur, Katrin; Kändler, Nils; Truu, Murel; Annus, Ivar Advances in engineering software 2023 / art. 103528 <https://doi.org/10.1016/j.advengsoft.2023.103528>

Background leakage assessment for BBLAWN

Vassiljev, Anatoli; Koppel, Tiit; Puust, Raido Procedia engineering 2014 / p. 111-117 : ill

Battle of the water calibration networks

Ostfeld, Avi; **Koppel, Tiit; Vassiljev, Anatoli** Journal of water resources planning and management 2012 / p. 523-532 : ill
<https://ascelibrary.org/doi/10.1061/%28ASCE%29WR.1943-5452.0000191>

Calibration of a model of an operational water distribution system containing pipes of different age

Koppel, Tiit; Vassiljev, Anatoli Advances in engineering software 2009 / 8, p. 659-664 : ill

Calibration of the model of an operational water distribution system

Vassiljev, Anatoli; Koppel, Tiit; Puust, Raido CCWI 2005 : proceedings of the Eighth International Conference on Computing and Control for the Water Industry : Exeter, UK. Volume 1 2005 / p. 155-159 : ill

Calibration of the model of an operational water distribution system

Vassiljev, Anatoli; Koppel, Tiit Proceedings of the Fifth International Conference on Engineering Computational Technology 2006 / Paper 155 [10] p. : ill

Calibration of the model of an operational water distribution system

Koppel, Tiit; Vassiljev, Anatoli World Water Congress : Vienna, Austria, 7-12 September 2008 2008 / [8] p

Calibration of the water distribution network model

Koppel, Tiit; Kändler, Nils; Vassiljev, Anatoli Proc. of the Conference "Water Resources Management 2001" 2001 / p. 207-217

Calibration of water distribution network for BWCN

Koppel, Tiit; Vassiljev, Anatoli Water Distribution System Analysis 2010 : WDSA2010 : Tucson, AZ, USA, Sept. 12-15, 2010 2010 / [10] p.: ill

Changes in nutrient levels in some Eastern European rivers in response to large-scale changes in agriculture

Stalnacke, Per; Vandsemb, Stine; **Vassiljev, Anatoli**; Grimvall, A.; Jolankai, G. Proceedings of 6th International Conference on Diffuse Pollution 2002 / p. 267-274

Changes in nutrient levels in some Eastern European rivers in response to large-scale changes in agriculture

Stalnacke, Per; Vandsemb, Stine; **Vassiljev, Anatoli**; Grimvall, A.; Jolankai, G. Water science and technology 2004 / 3, p. 29-36 : ill

Comparative analysis of hydrological and hydrochemical data from small watersheds

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

Comparison of the MONERIS and MESAW models for the Peipsi lake watershed

Vassiljev, Anatoli; Venohr, M.; Tuvikene, L. First MONERIS user conference : Nutrient Fluxes in River Basins - State of Play and Perspectives : Berlin, November 18th-20th, 2009 2009 / p. 1-2

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>

Complex approach to the water network model calibration and the leakage distribution

Ainola, Leo; Koppel, Tiit; Vassiljev, Anatoli Hydraulic Engineering Software VIII : [Eighth International Conference on Hydraulic Engineering Software : HYDROSOFT 2000] 2000 / p. 91-100 : ill

Construction of water network model

Kändler, Nils; Koppel, Tiit; Vassiljev, Anatoli 4th International Congress and Trade Fair "Water : Ecology and Technology" : ECWATECH-2000 : Moscow, 30 May - 2 June 2000 : abstracts 2000 / p. 246-247

Controlling peak runoff from plots by coupling street storage with distributed real time control

Kändler, Nils; Annus, Ivar; Vassiljev, Anatoli Urban water journal 2022 / p. 97-108 : ill <https://doi.org/10.1080/1573062X.2021.1958235>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Controlling stormwater runoff from impermeable areas by using smart inlets

Kändler, Nils; Annus, Ivar; Vassiljev, Anatoli; Puust, Raido; Kaur, Katrin New trends in urban drainage modelling : UDM 2018 : Conference proceedings 2019 / p. 263-268 https://doi.org/10.1007/978-3-319-99867-1_44 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Correction of demand patterns on the basis of pressure measurements

Koppel, Tiit; Vassiljev, Anatoli Proceedings of the Thirteenth International Conference on Civil, Structural and Environmental Engineering Computing : Chania, Crete, Greece, 6–9 September 2011 2011 / [9] p
https://www.researchgate.net/publication/269133085_Correction_of_Demand_Patterns_on_the_Basis_of_Pressure_Measurements

Database driven hydraulic model creation procedure

Koor, Margus; Puust, Raido; Vassiljev, Anatoli; Koppel, Tiit WDSA 2012 : 14th Water Distribution Systems Analysis Conference : 24-27 September 2012 in Adelaide, South Australia 2012 / p. 407-414

Database driven updatable hydraulic model for decision making

Koor, Margus; Puust, Raido; Vassiljev, Anatoli Procedia engineering 2014 / p. 959-968 : ill

Decreasing leakage and operational cost for BBLAWN

Vassiljev, Anatoli; Puust, Raido Journal of water resources planning and management 2015 / p. C4015011-1 - C4015011-7 : ill

Determination of the corresponding roughness height in a WDS model containing old rough pipes

Annus, Ivar; Vassiljev, Anatoli; Kändler, Nils; Kaur, Katrin Journal of water supply : research and technology - AQUA 2020 / p. 201–209 <https://doi.org/10.2166/aqua.2019.080>

Different approaches for calibration of an operational water distribution system containing old pipes

Annus, Ivar; Vassiljev, Anatoli Procedia engineering 2015 / p. 526-534 : ill <http://dx.doi.org/10.1016/j.proeng.2015.08.900>

Drained peat soils as diffuse nutrient source

Vassiljev, Anatoli; Blinova, Irina First MONERIS user conference : Nutrient Fluxes in River Basins - State of Play and Perspectives : Berlin, November 18th-20th, 2009 2009 / p. 3-4

Drained peat soils as source of diffuse pollution

Vassiljev, Anatoli; Blinova, Irina Hydrology : from Research to Water Management : XXVI Nordic Hydrological Conference, Nordic Association for Hydrology, Riga, Latvia, August 9-11, 2010 2010 / p. 108-109

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>

Energy-based analysis for rehabilitation of water distribution networks

Ainola, Leo; Koppel, Tiit; Vassiljev, Anatoli Proceedings of the EWA/AGHTM Conference "Operation and Maintenance of Sewer and Water Pipes", Paris, 2003 2003 / p. 163-175

Estimation of emission - and retention coefficients in Estonia rivers

Loigu, Enn; Vassiljev, Anatoli Hydrology and Environment : proceedings of the Baltic States Hydrology Conference, Kaunas, 1997 1997 / p. 117-122

Estimation of real-time demands on the basis of pressure measurements

Vassiljev, Anatoli; Koppel, Tiit Proceedings of the Eight International Conference on Engineering Computational Technology 2012 / Paper 54, [9] p.: ill

Estimation of real-time demands on the basis of pressure measurements by different optimization methods

Vassiljev, Anatoli; Koppel, Tiit Advances in engineering software 2015 / p. 67-71 : ill

Estimation of real-time water fluxes in water distribution system on the basis of pressure measurements

Koppel, Tiit; Vassiljev, Anatoli Advances in engineering software 2013 / p. 19-23 : ill

Estimation of water residence time in rivers for large scale hydrochemical modelling

Liden, Rikard; **Vassiljev, Anatoli** XX Nordic Hydrological Conference, Helsinki, Finland, 10-13 August, 1998. Vol. 2 1998 / p. 576-585: ill

Evaluation of water quality response to sudden changes in the amounts of fertilizers used in Estonia

Loigu, Enn; Vassiljev, Anatoli Hydrology and Environment : proceedings of the Baltic States Hydrology Conference, Kaunas, 1997 1997 / p. 123-130

Excel-based tool for automatic calibration of urban drainage system models

Vassiljev, Anatoli; Annus, Ivar; Kändler, Nils; Truu, Murel; Kaur, Katrin; Suits, Kristjan Environmental Sciences Proceedings 2022 / art. 30 <https://doi.org/10.3390/environsciproc2022021030>

Experience in modeling of water supply systems

Koppel, Tiit; Vassiljev, Anatoli Congress publications of ECWATECH-2004 : 1-4 June 2004, Moscow. 2 2004 / p. 912

Experience of calibration of model of water supply system

Ainola, Leo; Koppel, Tiit; Kändler, Nils; Vassiljev, Anatoli 5th International Congress ECWATECH-2002, Moscow : abstracts 2002 / p. 214-215

Experience on separation of the total flow into fast and slow flow

Vassiljev, Anatoli XX Nordic Hydrological Conference, Helsinki, Finland, 10-13 August, 1998. Vol. 2 1998 / p. 423-429: ill

Flow dynamics in a pipe containing uneven roughness elements

Kaur, Katrin; Vassiljev, Anatoli; Annus, Ivar; Truu, Murel; Kändler, Nils WDSA CCWI : proceedings book 2022 / 11 p. : ill https://drive.google.com/file/d/1sTPCrwL_Pmq-2C0-NX8siSfWp9WLd54A/view

Flow dynamics in a pipe with a sudden change in diameter

Annus, Ivar; Kaur, Katrin; Vassiljev, Anatoli; Laanearu, Janek; Šanin, Märt 14th International CCWI Conference : 7-9 November 2016 2016 / [8] p. : ill

Hydraulic modelling of stratified bi-directional flow in a river mouth

Laanearu, Janek; Vassiljev, Anatoli; Davies, Peter A. Engineering and computational mechanics 2011 / p. 207-216 : ill https://www.researchgate.net/publication/259638019_Hydraulic_modelling_of_stratified_bi-directional_flow_in_a_river_mouth

Hydraulic power analysis of flows in water distribution network

Koppel, Tiit; Ainola, Leo; Vassiljev, Anatoli CCWI 2005 : proceedings of the Eighth International Conference on Computing and Control for the Water Industry : Exeter, UK. Volume 1 2005 / p. 317-322

Hydrological conditions in the salmon rivers

Vassiljev, Anatoli Present and potential production of salmon in Estonian rivers 2001 / p. 11-14 : ill

Insights gained from stormwater e-monitoring in Viimsi, Estonia

Suits, Kristjan; Rajarao, Gunaratna K.; Kändler, Nils; Vassiljev, Anatoli; Annus, Ivar CEST Proceedings 2023 / 4 p <https://doi.org/10.30955/gnc2023.00303>

Integrated decision support system for pluvial flood-resilient spatial planning in urban areas

Truu, Murel; Annus, Ivar; Roosimägi, Janet; Kändler, Nils; Vassiljev, Anatoli; Kaur, Katrin Water 2021 / art. 3340, 19 p. : ill <https://doi.org/10.3390/w13233340> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Investigation of possible nutrient sources in Estonian rivers

Vassiljev, Anatoli; Margus, Gertu; Annus, Ivar; Stalnacke, Per Procedia engineering 2016 / p. 188-195 : ill <http://dx.doi.org/10.1016/j.proeng.2016.11.038>

Investigation of the nutrients source apportionment

Vassiljev, Anatoli; Blinova, Irina; Vennik, Kersti Nordic Hydrological Conference : Uppsala, Sweden, 26-30 June 2000. Vol. 1 2000 / p. 215-222 : ill

Investigation of the temporal changes in the nutrient pollution load from the small watersheds in Estonia

Blinova, Irina; Vassiljev, Anatoli Proc. 8th IWA International Conference on Diffuse/Nonpoint Pollution : 24-29 Oct. 2004, Kyoto, Japan 2004 / p. 893-900

Investigation of trends of concentrations in Estonian rivers and emission coefficients

Vassiljev, Anatoli; Blinova, Irina Nordic Hydrological Conference : Uppsala, Sweden, 26-30 June 2000. Vol. 1 2000 / p. 208-214 : ill

Is water quality based stormwater management actually feasible? A SWMM-based study on the trade-offs of various stormwater management approaches

Suits, Kristjan; Vassiljev, Anatoli; Annus, Ivar; Kändler, Nils WDSA CCWI : proceedings book 2022 / 11 p. : ill

https://drive.google.com/file/d/1sTPCwL_Pmq-2C0-NX8siSfWp9WLI54A/view

Lake Peipsi

Nõges, Tiina; Leisk, Ülle; Loigu, Enn; lital, Arvo; Hannus, Maila; Vassiljev, Anatoli; Blinova, Irina 2001

https://www.ester.ee/record=b1487291*est

Land use change in Europe and implications for agriculture and water resources

Krysanova, Valentina; Wechsung, Frank; Meiner, Andrus; Vassiljev, Anatoli Harmonisation with the Western economics : Estonian economic developments and related conceptual and methodological frameworks : collection of papers 1999 / p. 361-384: ill

Macrophytes in the biological monitoring of small rivers

Blinova, Irina; Vassiljev, Anatoli 10th International Specialised Conference on Diffuse Pollution and Sustainable Basin Management : Sep. 18-22, 2006, Istanbul, Turkey 2006 / [8] p

Model of management of the water supply system

Koppel, Tiit; Seemendi, Sirje; **Vassiljev, Anatoli** XXII Nordic Hydrological Conference : Roros, Norway 4-7 August 2002. Vol. II 2002 / p. 729-737 : ill

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

Modeling wash-off and leaching of pollutants by spring-time flow

Vassiljev, Anatoli Journal of hydrology 1994 / 159, p. 215-222

Modelling of exchange flow in horizontal channels with quadratic-shape cross sections : Pärnu river mouth case study

Laanearu, Janek; Vassiljev, Anatoli; Davies, Peter First IAHR European Division Congress : Herriot Watt University, Edinburgh, UK, 4th, 5th, 6th May 2010 : paper abstracts 2010 / p. 18

Modelling of nitrogen concentrations in water from drained peat soils

Vassiljev, Anatoli; Annus, Ivar; Kändler, Nils; Kaur, Katrin Journal of water supply : research and technology - AQUA 2019
<https://doi.org/10.2166/aqua.2019.104>

Modelling of nitrogen leaching from watersheds with large drained peat areas

Vassiljev, Anatoli; Kaur, Katrin; Annus, Ivar Advances in engineering software 2018 / p. 94-100 : ill
<https://doi.org/10.1016/j.advengsoft.2018.03.007> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Modelling of stormwater discharge and quality in urban area

Koppel, Tiit; Vassiljev, Anatoli; Puust, Raido; Laanearu, Janek International journal of ecological science and environmental

Modelling of the influence of drained areas on the environment

Vassiljev, Anatoli Proceedings of the Fifteenth International Conference on Civil, Structural and Environmental Engineering Computing : Prague, Czech Republic, 1-4 September 2015 2015 / Paper 280 <http://dx.doi.org/10.4203/ccp.108.280>

Modelling of the wastal waters pollution from agricultural vatershed

Krysanova, Valentina; Meiner, Andrus; Roosaare, Jüri; **Vassiljev, Anatoli** Annales Geophysicae 1992 1992 / p. 323

Nitrogen source apportionment - a comparison between a dynamic and a statistical model

Liden, R.; **Vassiljev, Anatoli**; Stalnacke, Per; Loigu, Enn; Wittgren, H.B. Ecological modelling 1999 / p. 235-250: ill

Nitrogen surface water retention in the Baltic Sea drainage basin

Stalnacke, Per; Pengerud, Annelene; **Vassiljev, Anatoli** Hydrology and earth system sciences 2015 / p. 981-996 : ill

Numerical and experimental investigation on flow dynamics in a pipe with an abrupt change in diameter

Annus, Ivar; Kartušinski, Aleksander; Vassiljev, Anatoli; Kaur, Katrin Journal of fluids engineering 2019 / art. 101301, 9 p. : ill
<https://doi.org/10.1115/1.4043233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical investigation of the impact of irregular pipe wall build-up on velocity in the water distribution system

Kaur, Katrin; Vassiljev, Anatoli; Annus, Ivar; Kändler, Nils; Roosimägi, Janet Journal of Water Supply: Research and Technology - AQUA 2020 / p. 647-655 <https://doi.org/10.2166/aqua.2020.035>

Nutrient retention and export to surface waters in Lithuanian and Estonian river basins

Povilaitis, Arvidas; Stalnacke, Per; **Vassiljev, Anatoli** Hydrology research 2012 / lk. 359-373 : ill
<https://iwaponline.com/hr/article/43/4/359/977/Nutrient-retention-and-export-to-surface-waters-in>

On determination of flow routes in a stormwater network using the least squares method

Laanearu, Janek; Annus, Ivar; Vassiljev, Anatoli; Koppel, Tiit Integrating Water Systems : proceedings of the Tenth International Conference on Computing and Control in the Water Industry 2009 : CCWI2009 : Sheffield, UK, 1-3 September 2009 2009 / p. 731-734

Optimal pump count prediction algorithm for identical pumps working in parallel mode

Koor, Margus; Vassiljev, Anatoli; Koppel, Tiit Procedia engineering 2014 / p. 951-958 : ill

Optimization of pump efficiencies with different pumps characteristics working in parallel mode

Koor, Margus; Vassiljev, Anatoli; Koppel, Tiit Advances in engineering software 2016 / p. 69-76 : ill
<http://dx.doi.org/10.1016/j.advengsoft.2015.10.010>

Optimization of pump efficiency in a water distribution system

Koor, Margus; Vassiljev, Anatoli; Koppel, Tiit Proceedings of the Ninth International Conference on Engineering Computational Technology 2014 / Paper 91, p. 1-10 : ill

Overview of water quality problems in Estonia with the focus on drained peat areas as a source of nitrogen

Vassiljev, Anatoli; Blinova, Irina Understanding Freshwater Quality Problems in a Changing World : [proceedings] 2013 / p. 69-76 : ill

Peak flow reduction from small catchments using smart inlets

Kändler, Nils; Annus, Ivar; Vassiljev, Anatoli; Puust, Raido Urban water journal 2020 / p. 577-586
<https://doi.org/10.1080/1573062X.2019.1611888> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Pipeline rehabilitation combined strategy for urban water systems

Annus, Ivar; Kändler, Nils; Vaksman, Marti; Kaur, Katrin; Truu, Murel; Koor, Margus; Vassiljev, Anatoli; Kütt, Urmas Urban water journal 2023 <https://doi.org/10.1080/1573062X.2023.2273535>

Principle of locality and its application to water network model calibration

Ainola, Leo; Koppel, Tiit; Kändler, Nils; Vassiljev, Anatoli Water software systems : theory and applications. Vol. 1 2001 / p. 111-120

Real time controlled sustainable urban drainage systems in dense urban areas

Kändler, Nils; Annus, Ivar; Vassiljev, Anatoli; Puust, Raido Journal of water supply : research and technology - AQUA 2020 / p. 238-247 : ill <https://doi.org/10.2166/aqua.2019.083>

Real water network comparative calibration studies considering the whole process from engineer's perspective
Puust, Raido; Vassiljev, Anatoli Procedia engineering 2014 / p. 702-709 : ill

Real-time control optimization of water distribution system with storage = Mahutitega veevarustussüsteemi juhtimise optimeerimine reaajas
Sunela, Markus 2017 <https://digi.lib.ttu.ee/i/?9007>

Real-time demands and calibration of water distribution systems
Vassiljev, Anatoli; Koor, Margus; Koppel, Tiit Advances in engineering software 2015 / p. 108-113 : ill

Sensitivity of calibration results to uncertainties in input data: case of operational water distribution system
Vassiljev, Anatoli; Koppel, Tiit; Saare, Arvo Urban Water Management: Challenges and Opportunities : proceedings of the 11th International Conference on Computing and Control for the Water Industry (CCWI 2011), University of Exeter, 5-7 September 2011 2011 / p. 713-718 : ill
https://www.researchgate.net/publication/290656813_Sensitivity_of_calibration_results_to_uncertainties_in_input_data_Case_of_operational_water_distribution_system

Some problems in calculation of pollutant transport in rivers
Vassiljev, Anatoli Nordic Hydrological Conference 1996, Akureyri, Iceland, 13-15 August 1996 : [proceedings]. Vol. 2 1996 / p. 773-782: ill

Source apportionment of nitrogen and phosphorus influencing the water quality in the Lake Peipsi basin
Vassiljev, Anatoli; Stalnacke, Per Abstract volume from VI Russian Hydrological Congress (28 Sept. - 1 Oct. 2004). 4 2004 / p. 5-6

Source apportionment of nitrogen in Estonian rivers
Kaur, Katrin; Vassiljev, Anatoli; Annus, Ivar; Stalnacke, Per Journal of water supply : research and technology - AQUA 2017 / p. 469-480 <https://doi.org/10.2166/aqua.2017.036>

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>

Source apportionment of nutrients in Estonian rivers
Vassiljev, Anatoli; Blinova, Irina; Ennet, Peeter Desalination 2008 / p. 222-230 : ill
<https://www.sciencedirect.com/science/article/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

Statistical modelling of riverine nutrient sources and retention in the Lake Peipsi drainage basin
Vassiljev, Anatoli; Stalnacke, Per Diffuse Pollution and Basin Management : proceedings of the 7th IWA International Conference : 18th to 22nd August 2003, Dublin 2003 / p. 10-41 - 10-46 : ill

Survetorude hüdrodünaamika probleemid
Koppel, Tiit; Ainola, Leo; Vassiljev, Anatoli Teadusmõtte Eestis. 4, Tehnikateadused. 2 2007 / lk. 33-40 : ill

The influence of drained peat soils on diffuse nitrogen pollution of surface water
Vassiljev, Anatoli; Blinova, Irina Hydrology research 2012 / p. 352-358 : ill <https://iwaponline.com/hr/article/43/4/352/976/The-influence-of-drained-peat-soils-on-diffuse>

The use of error dynamics for calibration of water distribution systems
Koppel, Tiit; Vassiljev, Anatoli Proceedings of the Twelfth International Conference on Civil, Structural and Environmental Engineering Computing : 1-4 September 2009, Madeira 2009 / p. Paper 247 [14 p.]
<https://www.sciencedirect.com/science/article/pii/S0965997811002638>

The use of modelling for the analysis of river water quality monitoring data
Vassiljev, Anatoli; Blinova, Irina Tallinna Tehnikaülikooli Toimetised 1994 / lk. 24-31: ill

Use of a matrix model for estimation of emission- and retention coefficients in Estonian rivers
Vassiljev, Anatoli; Loigu, Enn; Grimvall, A.; Stalnacke, Per Nordic Hydrological Conference 1996, Akureyri, Iceland, 13-15 August 1996 : [proceedings]. Vol. 2 1996 / p. 783-791

Use of error analysis for calibration of water distribution systems
Vassiljev, Anatoli; Koppel, Tiit; Puust, Raido Water Distribution System Analysis 2010 : WDSA2010 : Tucson, AZ, USA, Sept. 12-15, 2010 2010 / [13] p.: ill

Use of GIS for identification of critical areas of nonpoint pollution

Velner, Harald-Adam; Vassiljev, Anatoli; Loigu, Enn GIS-Baltic Sea States '95 : exhibition, conference - Tallinn, Estonia, 13-15 December, 1995 : abstracts, catalogue 1995 / p. 51

Use of GIS for identification of critical areas of nonpoint pollution

Velner, Harald-Adam; Vassiljev, Anatoli; Loigu, Enn GIS - Baltic Sea States '95 : exhibition and conference, 13-15 December 1995 - Tallinn, Estonia : proceedings 1997 / p. 141-149

Use of modeling for analysing of water quality monitoring data

Vassiljev, Anatoli; Blinova, Irina International conference HYDROTOP 94, Marseille, France, April 12-15, 1994 1994 / p. 405-411

Use of modelling error dynamics for the calibration of water distribution systems

Koppel, Tiit; Vassiljev, Anatoli Advances in engineering software 2012 / p. 188-196 : ill
<https://www.sciencedirect.com/science/article/pii/S0965997811002638>

Use of nonlinear regression for estimating emission of nitrogen to Estonian rivers

Vassiljev, Anatoli; Annus, Ivar; Kaur, Katrin; Kändler, Nils Ecology & safety 2017 / p. 33-40 : ill <https://www.scientific-publications.net/en/article/1001351/>

Use of pressure differentials for calibration of the operational water distribution system

Vassiljev, Anatoli; Minguell Font, L.; Puust, Raido Water Management Challenges in Global Change : proceedings of the 9th Computing and Control for the Water Industry (CCWI2007) and Sustainable Urban Water Management (SUWM2007) Conferences : Leicester, UK, 3-5 September, 2007 2007 / p. 205-209

Use of pressure dynamics for calibration of water distribution system and leakage detection

Koppel, Tiit; Vassiljev, Anatoli; Lukjanov, D.; Annus, Ivar Proceedings of WDSA 2008 : Water Distribution Systems Analysis : 17-20 August 2008, South Africa 2008 / p. 704-715

Use of relative roughness and changed diameters for old pipes when calibrating an operational water distribution system

Vassiljev, Anatoli; Martaud, M.; Koppel, Tiit Integrating Water Systems : proceedings of the Tenth International Conference on Computing and Control in the Water Industry 2009 : CCWI2009 : Sheffield, UK, 1-3 September 2009 2009 / p. 283-286

Use of the real-time demands for calibration of water distribution systems

Vassiljev, Anatoli; Koppel, Tiit Proceedings of the Fourteenth International Conference on Civil, Structural and Environmental Engineering Computing 2013 / p. 1-9 : ill [Paper 233]

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

Water distribution model for decision-making with updatable data links

Puust, Raido; Koor, Margus; Vassiljev, Anatoli Journal of Water Supply: Research and Technology - AQUA 2015 / p. 596-609 : joon <http://dx.doi.org/10.2166/aqua.2014.038>

Water distribution system modelling and pumping optimization based on real network of Tallinn = Tallinna linna

ühisveevärgi modelleerimine ja pumpamise optimeerimine

Koor, Margus 2015 https://www.ester.ee/record=b4478906*est

Water network model calibration based on grouping pipes with similar leakage and roughness estimates

Ainola, Leo; Koppel, Tiit; Tiiter, K.; Vassiljev, Anatoli Proceedings of ASCE's 2000 : Joint Conference on Water Resources Engineering and Water Resources Planning & Management 2000 / [9] p., [CD-ROM]
https://www.researchgate.net/publication/268593940_Water_Network_Model_Calibration_Based_on_Grouping_Pipes_with_Similar_Leakage_and_Roughness_Estimates

Water quality in networks in the conditions of substantial decrease of water consumption

Koppel, Tiit; Kändler, Nils; Tiiter, K.; Vassiljev, Anatoli Proceedings : Frontiers in urban water management : Deadlock or hope? : symposium, 18-20 June 2001, Marseille, France 2001 / p. 38-45 : ill

Определение шероховатости труб для модели сети водоснабжения

Koppel, Tiit; Vassiljev, Anatoli International Trade Fair and Congress 2008 / [1] p

Определение шероховатости труб для модели системы водоснабжения, включающей трубы различного возраста

Koppel, Tiit; Vassiljev, Anatoli ЭКВАТЕК2006 Москва : сборник докладов. 1 2006 / с. 536

Оценка источников загрязнения биогенами в реках Эстонии

Vassiljev, Anatoli; Blinova, Irina ЭКВАТЕК2006 Москва : сборник докладов. 1 2006 / с. 337-338

Разработка модели системы водопроводной сети

Kändler, Nils; Koppel, Tiit; Vassiljev, Anatoli Четверты международный конгресс "Вода : экология и технология" : ЭКВАТЕК-2000 : Москва, 30 мая - 2 июня 2000 : тезисы докладов 2000 / с. 369-370

Расчет расходов воды на реках Эстонии при неустановившемся режиме течения

Vassiljev, Anatoli Tallinna Tehnikaülikooli Toimetised 1992 / lk. 16-24: ill