An investigation of image processing techniques for substrate classification based on dominant grain size using RGB images from UAV
Arif, Mohammad Shafi M.; Gülch, Eberhard; **Tuhtan, Jeffrey Andrew**; Thumser, Philipp; Haas, Christian International journal of remote sensing 2017 / p. 2639-2661 : ill https://doi.org/10.1080/01431161.2016.1249309 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Archimedes screw - an alternative for safe migration through turbines?
Pauwels, Ine S.; **Tuhtan, Jeffrey Andrew**; Coeck, Johan; Buysse, David; Baeyens, Raf Novel Developments for Sustainable Hydropower 2022 / p. 125-133 : ill https://doi.org/10.1007/978-3-030-99138-8_11

Artificial lateral line for aquatic habitat modelling: An example for Lefua echigonia
Garcia-Vega, Ana; Fuentes-Perez, Juan Francisco; Fukuda, Shinji; **Kruusmaa, Maarja**; Sanz-Ronda, Francisco Javier; **Tuhtan, Jeffrey Andrew** Ecological Informatics 2021 / art. 101388 https://doi.org/10.1016/j.ecoinf.2021.101388 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ausblick : Quo vadis Ethohydraulik – welche Entwicklungen gibt es?
Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 45-59 https://doi.org/10.1007/978-3-658-32824-5_4

Automated environmental compliance monitoring of rivers with IoT and open government data
Miasayedava, Lizaveta; McBride, Keegan David Braun; **Tuhtan, Jeffrey Andrew** Journal of environmental management 2022 / art. 114283, 10 p. : ill https://doi.org/10.1016/j.jenvman.2021.114283 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bedload transport measurement in a Japanese gravel river using synchronized hydrodynamic and hydroacoustic pressure sensing
Tsubaki, R.; Fuentes-Perez, Juan Francisco; Kawamura, S.; **Tuhtan, Jeffrey Andrew**; **Sumitomo, K.** River Flow 2020 Proceedings of the 10th Conference on Fluvial Hydraulics (Delft, Netherlands, 7-10 July 2020): River Flow 2020, Online, 7-10 July 2020 2020 / p. 1476-1482 https://doi.org/10.1201/b22619

Beispiele aus der Praxis : Ethohydraulische Befunde - was bedeutet das?
Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 23-43 https://doi.org/10.1007/978-3-658-32824-5_3

Beitrag zu detaillierten Analysen der Hydraulik von Schlitzpässen
Musall, Mark; Oberle, Peter; Carbonell Baeza, Ruth; **Fuentes-Pérez, Juan Francisco**; **Tuhtan, Jeffrey Andrew**; Nestmann, Franz Wasserwirtschaft 2015 / s. 67-72 https://doi.org/10.1007/s35147-015-0551-x Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Benchmarking 3D CFD for studies on turbulent flow around fish shaped bodies
Khan, Ali Hassan; Hussmann, Karla Ruiz; Powala, Dennis; Hoerner, Stefan; **Kruusmaa, Maarja**; **Tuhtan, Jeffrey Andrew** The 14th International Symposium on Ecohydraulics : proceedings 2022 / S3: Ecohydraulics on Micro-scale https://iahr.oss-accelerate.aliyuncs.com/upload/file/20221009/20221009192523_72824.doc

Beyond the surface : exploring fish dynamics with camera based monitoring
Haas, Christian; Engelberger, Leon; Schmalz, Maria; Tuhtan, Jeffrey Andrew Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / 1 p. https://doi.org/10.13140/rg.2.2.35129.38249

Bio-inspired robotic fish for assessment of injury risks during the fish passage
Abbaszadeh, Shokoofeh; **Toming, Gert**; **Tuhtan, Jeffrey Andrew**; Leidhold, Roberto; Hoerner, Stefan Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / 1 p.
https://www.researchgate.net/publication/381655658_Bio-inspired_robotic_fish_for_assessment_of_injury_risks_during_the_fish_passage

Biorobootikute loodud meetodid aitavad kaladel hüdroelektrijaamades ohutumalt liikuda
Mente et Manu 2020 / lk. 32 https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf

Brief Communication : mapping river ice using drones and structure from motion
Alfredsen, Knut; Haas, Christian; **Tuhtan, Jeffrey Andrew**; Zinke, Peggy The cryosphere 2018 / p. 627-633 : ill https://doi.org/10.5194/tc-12-627-2018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Classification of benthic biocenoses of the lowland river Tudovka (Tver region, Russia) using community features
Schletterer, Martin; Füreder, Leopold; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; **Fuentes-Pérez, Juan Francisco**; **Tuhtan, Jeffrey Andrew** Geography, environment, sustainability 2017 / p. 40-56 : ill https://doi.org/10.24057/2071-9388-2017-10-2-40-56 Journal metrics at Scopus Article at Scopus

Classification of benthic biocenosis of the lowland river Tudovka (Tver Region, Russia) using community features

Schletterer, Martin; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; Strokina, Nataliya; **Tuhtan, Jeffrey Andrew** International Geographical Union Regional Conference "Geography, Culture and Society for our Future Earth" : 17-21 August 2015, Moscow, Russia : book of abstracts 2015 / p. 1597

Comparing land and underwater gait characteristics with inertial measurement units
Monoli, Cecilia; Gasparini, Isabella; Piccinini, Luigi; **Tuhtan, Jeffrey Andrew**; Galli, Manuela 26th Congress of the European Society of Biomechanics, July 11-14, 2021, Milan, Italy : conference paper 2021 / 2 p. : ill
https://www.researchgate.net/publication/353803400_Comparing_Land_and_Underwater_Gait_Characteristics_with_Inertial_Measurement_Units

Continuous, near-bed current velocity estimation using pressure and inertial sensing
Ristolainen, Asko; **Tuhtan, Jeffrey Andrew**; **Kruusmaa, Maarja** IEEE sensors journal 2019 / p. 12398 - 12406 : ill
https://doi.org/10.1109/JSEN.2019.2937954 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Current velocity estimation using a lateral line probe
Fuentes-Pérez, Juan Francisco; **Tuhtan, Jeffrey Andrew**; Carbonell Baeza, Ruth; Musall, Mark; **Toming, Gert**; **Muhammad, Naveed**; **Kruusmaa, Maarja** Ecological engineering 2015 / p. 296-300 : ill https://doi.org/10.1016/j.ecoleng.2015.10.008 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Depth-dependent hydraulic roughness and its impact on the assessment of hydropeaking
Kopecki, Ianina; Schneider, Matthias; **Tuhtan, Jeffrey Andrew** Science of the total environment 2017 / p. 1597-1605 : ill
https://doi.org/10.1016/j.scitotenv.2016.10.110 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Design and application of a fish-shaped lateral line probe for flow measurement
Tuhtan, Jeffrey Andrew; **Fuentes-Pérez, Juan Francisco**; Strokina, Nataliya; **Toming, Gert**; Musall, Mark; Noack, M.; Kämäräinen, Joni-Kristian; **Kruusmaa, Maarja** Review of scientific instruments 2016 / p. 045110-1 - 045110-8 : ill
https://doi.org/10.1063/1.4946765 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Differential pressure sensors for underwater speedometry in variable velocity and acceleration conditions
Fuentes-Perez, Juan Francisco; **Meurer, Christian**; **Tuhtan, Jeffrey Andrew**; **Kruusmaa, Maarja** IEEE Journal of Oceanic Engineering 2018 / p. 418-426 : ill https://doi.org/10.1109/JOE.2017.2767786 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Digitalization and real-time control to mitigate environmental impacts along rivers: focus on artificial barriers, hydropower systems and European priorities
Quaranta, Emanuele; Bejarano, Maria Dolores; Comoglio, Claudio; Fuentes-Pérez, Juan Francisco; Pérez-Díaz, Juan Ignacio; Sanz-Ronda, Francisco Javier; **Schletterer, Martin**; Szabo-Meszaros, Marcell; **Tuhtan, Jeffrey Andrew** Science of the total environment 2023 / 22 p. : ill https://www.sciencedirect.com/science/article/pii/S0048969723011051 https://doi.org/10.1016/j.scitotenv.2023.162489 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Do cyprinid fish use lateral flow-refuges during hydropeaking?
Boavida, Isabel; Costa, Maria Joao; Portela, Maria Manuela; Godinho, Francisco; **Tuhtan, Jeffrey Andrew**; Pinheiro, Antonio N. River research and applications 2023 / p. 554-560 https://doi.org/10.1002/rra.3863 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ecohydraulics of non-uniform flows in Vertical Slot Fishways
Branco, Paulo; **Fuentes-Pérez, Juan Francisco**; Eckert, Mario; **Tuhtan, Jeffrey Andrew**; **Kruusmaa, Maarja** Riverine landscapes as coupled socio-ecological systems : 6th biennial Symposium of the International Society for River Science : book of abstracts 2019 / p. 183 https://www.bib.irb.hr/1025362/download/1025362.ISRS2019_book_of_abstracts.pdf

EcoPeak4Fish : a multidisciplinary project targeting the protection of fish populations affected by hydropeaking
Boavida, Isabel; Santos, Jose Maria; Costa, Maria Joao; Leite, Renan; Merianne, Anthony; Portela, Maria Manuela; Godinho, Francisco; Leitao, Pedro; Mota, Rui; **Tuhtan, Jeffrey Andrew**; **Pinheiro, Antonio N.** Biology and life sciences forum 2022 / p. 85
https://doi.org/10.3390/blsf2022013085

Eesti teadlaste loodud süsteem aitab kaladel hüdroelektrijaamas ellu jääda
novaator.err.ee 2020 / fot https://novaator.err.ee/1157348/eesti-teadlaste-loodud-susteem-aitab-kaladel-hudroelektrijaamas-ellu-jaada

Eesti teadlaste loodud süsteem aitab kaladel hüdroelektrijaamas ellu jääda [Võrguväljaanne]
Tuhtan, Jeffrey Andrew novaator.err.ee 2020 / fot Eesti teadlaste loodud süsteem aitab kaladel hüdroelektrijaamas ellu jääda

Effectiveness of Vertical Slot Fishways under experimental non-uniform flows
Eckert, Mario; **Fuentes-Pérez, Juan Francisco**; **Tuhtan, Jeffrey Andrew**; **Kruusmaa, Maarja** Riverine landscapes as coupled socio-ecological systems : 6th biennial Symposium of the International Society for River Science : book of abstracts 2019 / p. 195
https://www.bib.irb.hr/1025362/download/1025362.ISRS2019_book_of_abstracts.pdf

Ein Fisch ist kein Punkt: Analyse von Strömungssignaturen in Fischaufstiegsanlagen mit einem Seitenlinien Sensor
Tuhtan, Jeffrey Andrew; **Fuentes-Pérez, Juan Francisco**; **Toming, Gert**; Schneider, Matthias; Schletterer, Martin

Wasserwirtschaft 2018 / S. 48-53 : Ill https://doi.org/10.1007/s35147-018-0015-1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Einleitung : Ethologie und Hydraulik – wozu wird das benötigt?
Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 1-9 https://doi.org/10.1007/978-3-658-32824-5_1

Environmentally adaptive fish or no-fish classification for river video fish counters using high-performance desktop and embedded hardware
Soom, Jürgen; **Pattanaik, Vishwajeet**; **Leier, Mairo**; **Tuhtan, Jeffrey Andrew** Ecological Informatics 2022 / art. 101817, 14 p. : ill https://doi.org/10.1016/j.ecoinf.2022.101817 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estimating fish swimming speed using non-invasive backpacksensors in a laboratory flume at high flow velocities
Kopecki, Iana; **Tuhtan, Jeffrey Andrew**; Wagner, Falko; Roessger, Tom; Hägele, Tobias; Schneider, Matthias; Hoerner, Stefan Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / 1 p. https://www.sjeweb.de/pdf/ISE_QuebecBackpackSensors_FishSpeed.pdf

Estimation of flow turbulence metrics with a lateral line probe and regression
Chen, Ke; **Tuhtan, Jeffrey Andrew**; **Fuentes-Pérez, Juan Francisco**; **Toming, Gert**; Musall, Mark; Strokina, Nataliya; Kämäräinen, Joni-Kristian; **Kruusmaa, Maarja** IEEE transactions on instrumentation and measurement 2017 / p. 651-660 : ill https://doi.org/10.1109/TIM.2017.2658278 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ethohydraulics : a method for nature-compatible hydraulic engineering
Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** 2022 https://doi.org/10.1007/978-3-658-35416-9

Ethohydraulik : Eine Methode für naturverträglichen Wasserbau
Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** 2021 https://doi.org/10.1007/978-3-658-32824-5

Fischverhalten besser verstehen mithilfe von Multiparameterdaten
Bensing, Katharina; **Tuhtan, Jeffrey Andrew**; Lehmann, Boris 45. Dresdner Wasserbaukolloquium 2022 : „Nachhaltigkeit im Wasserbau – Umwelt, Transport, Energie“ : Technische Universität Dresden – Fakultät Bauingenieurwesen Institut für Wasserbau und Technische Hydromechanik 2022 / S. 103-113 : Ill https://henry.baw.de/bitstream/20.500.11970/108930/1/10_Fischverhalten_Multiparameterdaten_Bensing_.pdf

Fish body geometry reduces the upstream velocity profile in subcritical flowing waters
Bensing, Katharina; **Tuhtan, Jeffrey Andrew**; **Toming, Gert**; **Khan, Ali Hassan**; Lehmann, Boris Aquatic sciences 2022 / p. 1-14 : ill https://doi.org/10.1007/s00027-022-00863-6 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fish downstream passage over weirs at low-head hydropower plants : field study of total dissolved gas concentrations
Süss, Gabor; Albayrak, Ismail; Evers, Frederic M.; **Tuhtan, Jeffrey Andrew**; Boes, Robert Proceedings of the 10th International Symposium on Hydraulic Structures 2024 / p. 750 - 759 : ill https://doi.org/10.3929/ethz-b-000676021

Fish fauna and fisheries of large European rivers: examples from the Volga and the Danube
Schletterer, Martin; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; **Tuhtan, Jeffrey Andrew** Hydrobiologia 2018 / p. 45-60 : ill https://doi.org/10.1007/s10750-017-3370-5 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fish under pressure : Examining behavioural responses of Iberian barbel under simulated hydropeaking with instream structures
Costa, Maria Joao; **Fuentes-Pérez, Juan Francisco**; Boavida, Isabel; **Tuhtan, Jeffrey Andrew**; Pinheiro, Antonio N. PLoS ONE 2019 / art. e021111525, 25 p. : ill https://doi.org/10.1371/journal.pone.0211115 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

FishView : developing a hydrodynamic imaging system using a robot fish with an artificial lateral line
Tuhtan, Jeffrey Andrew; **Kruusmaa, Maarja**; **Toming, Gert** 10th International Symposium on Ecohydraulics : Trondheim, Norway, 23-27 June 2014 2014 / [4] p. : ill

Flow feature extraction for underwater robot localization : preliminary results
Muhammad, Naveed; Strokina, Nataliya; **Toming, Gert**; **Tuhtan, Jeffrey Andrew**; Kämäräinen, Joni-Kristian; **Kruusmaa, Maarja** 2015 IEEE International Conference on Robotics and Automation (ICRA) : Washington State Convention Center, Seattle, Washington, May 26-30, 2015 2015 / p. 1125-1130 : ill https://doi.org/10.1109/ICRA.2015.7139317 Conference proceedings at Scopus Article at Scopus Article at WOS

Flow sensing with pressure sensor-based artificial lateral lines : from the laboratory to the field = Veevoolu tajumine rõhusensoritel baseeruvate küljejooneanduritega : laborist välikatseteni

Fuentes-Pérez, Juan Francisco 2019 https://digi.lib.ttu.ee/i/?12014

Flow velocity estimation using a fish-shaped lateral line probe with product-moment correlation features and a neural network
Tuhtan, Jeffrey Andrew; **Fuentes-Pérez, Juan Francisco**; **Toming, Gert**; **Kruusmaa, Maarja** Flow measurement and instrumentation 2017 / p. 1-8 : ill https://doi.org/10.1016/j.flowmeasinst.2016.10.017 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Flussabwärts gerichtete Fischwanderung an mittelgroßen Fließgewässern in Österreich
Schneider, Josef; Ratschan, Clemens; Heisey, Paul; **Tuhtan, Jeffrey Andrew** Wasserwirtschaft 2017 / S. 39-44 : Ill https://www.springerprofessional.de/flussabwaerts-gerichtete-fischwanderung-an-mittelgrossen-fliessg/15274054 https://doi.org/10.1007/s35147-017-0207-0 Journal metrics at Scopus Article at Scopus

Forschung und Technik
Rost, Ulrich; Weibel, Uwe; Wüst, Steffen; **Fuentes-Pérez, Juan Francisco**; **Tuhtan, Jeffrey Andrew** Biologische Durchgängigkeit von Fließgewässern : Ausgewählte Beiträge aus der Fachzeitschrift WasserWirtschaft 2017 / S. 491-602 http://dx.doi.org/10.1007/978-3-658-13990-2_6

A fuzzy rule-based model for the assessment of macrobenthic habitats under hydropeaking impact
Schneider, Matthias; Kopecki, Ianina; **Tuhtan, Jeffrey Andrew** River research and applications 2017 / p. 377-387 : ill http://dx.doi.org/10.1002/rra.3079

Genetische Analysen von Fischbeständen: Populationsgenetik und eDNA
Weiss, Steven; Deiner, Kristy; **Tuhtan, Jeffrey Andrew**; Gumpinger, Clemens; Schletterer, Martin Wasserwirtschaft 2018 / S. 22-29 : Ill https://www.springerprofessional.de/genetische-analysen-von-fischbestaenden-populationsgenetik-und-e/15499156 https://doi.org/10.1007/s35147-018-0008-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hydraulics of vertical-slot fishways: nonuniform profiles
Fuentes-Pérez, Juan Francisco; **Tuhtan, Jeffrey Andrew**; Eckert, Mario; Romao, F.; Ferreira, Maria Teresa; **Kruusmaa, Maarja**; Branco, Paulo Journal of hydraulic engineering 2019 / p. 06018020-1 - 06018020-6 : ill https://doi.org/10.1061/(ASCE)HY.1943-7900.0001565 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hydroacoustic and pressure turbulence analysis for the assessment of fish presence and behavior upstream of a vertical trash rack at a run-of-river hydropower plant
Schmidt, Marc B.; **Tuhtan, Jeffrey Andrew**; Schletterer, Martin Applied sciences 2018 / art. 1723, 20 p. : ill https://doi.org/10.3390/app8101723 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hydrodynamic classification of natural flows using an artificial lateral line and frequency domain features
Tuhtan, Jeffrey Andrew; Strokina, Nataliya; **Toming, Gert**; **Muhammad, Naveed**; **Kruusmaa, Maarja**; Kämäräinen, Joni-Kristian E-proceedings of the 36th IAHR World Congress : 28 June - 3 July, 2015, The Hague, the Netherlands 2015 / p. 1-8 : ill

Hydromast : a bioinspired flow sensor with accelerometers
Ristolainen, Asko; **Tuhtan, Jeffrey Andrew**; **Kuusik, Alar**; **Kruusmaa, Maarja** Biomimetic and biohybrid systems : 5th International Conference, Living Machines 2016, Edinburgh, UK, July 19-22, 2016 : proceedings 2016 / p. 510-517 : ill https://doi.org/10.1007/978-3-319-42417-0_55 Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

Hydromorphological classification using synchronous pressure and inertial sensing
Ristolainen, Asko; **Kalev, Kaia**; **Tuhtan, Jeffrey Andrew**; **Kuusik, Alar**; **Kruusmaa, Maarja** IEEE transactions on geoscience and remote sensing 2018 / p. 3222-3232 : ill https://doi.org/10.1109/TGRS.2018.2795641 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Impacts and risks of hydropower
Treeck, Ruben van; Geist, Juergen; Pander, Joachim; **Tuhtan, Jeffrey Andrew**; Wolter, Christian Novel Developments for Sustainable Hydropower 2022 / p. 41-60 https://doi.org/10.1007/978-3-030-99138-8_4

Improving the reliability of underwater gait analysis using wearable pressure and inertial sensors
Monoli, Cecilia; Galli, Manuela; **Tuhtan, Jeffrey Andrew** PLoS One 2024 / e0300100, 15 p https://doi.org//10.1371/journal.pone.0300100 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

In water and on land forward and backward spatiotemporal gait characteristics
Monoli, Cecilia; Galli, Manuela; **Tuhtan, Jeffrey Andrew** 8th Congress of the European Society of Biomechanics, July 9-12, 2023, Maastricht, the Netherlands 2023 https://www.researchgate.net/publication/372419899_IN_WATER_AND_ON_LAND_FORWARD_AND_BACKWARD_SPATIOTEMPORAL_GAIT_CHARACTERISTICS

Influence of operation modes and fish behavior on fish passage through turbines

Stoltz, Ulli; Geiger, Franz; **Tuhtan, Jeffrey Andrew** IOP Conference Series: Earth and Environmental Science ; 774 2021 / art. 012125 https://doi.org/10.1088/1755-1315/774/1/012125 Conference Proceedings at Scopus Article at Scopus Article at WOS

Joint estimation of bulk flow velocity and angle using a lateral line probe
Strokina, Nataliya; Kämäräinen, Joni-Kristian; **Tuhtan, Jeffrey Andrew**; **Fuentes-Pérez, Juan Francisco**; **Kruusmaa, Maarja** IEEE transactions on instrumentation and measurement 2016 / p. 601-613 : ill https://doi.org/10.1109/TIM.2015.2499019 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Kamerabasiertes Monitoring von Fischen in Deutschland und der Schweiz
Haas, Christian; Meyer, Matthias; Schmalz, Maria; **Tuhtan, Jeffrey Andrew** WasserWirtschaft 2024 / p. 19 - 29 https://doi.org/10.1007/s35147-024-2401-1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Land and underwater gait analysis using wearable IMU
Monoli, Cecilia; Fuentez-Perez, Juan Francisco; Cau, Nicola; Capodaglio, Paolo; Galli, Manuela; **Tuhtan, Jeffrey Andrew** IEEE sensors journal 2021 / p. 11192-11202 https://doi.org/10.1109/JSEN.2021.3061623 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Leitströmung an Fischaufstiegsanlagen : Bewertung und Optimierung über ethohydraulische Modellierung
Kopecki, Ianina; Schneider, Matthias; **Tuhtan, Jeffrey Andrew** Wasserwirtschaft 2016 / S. 37-42 : Ill https://www.springerprofessional.de/leitstroemung-an-fischaufstiegsanlagen-bewertung-und-optimierung/10803392

Lightweight assimilation of open urban ambient air quality monitoring data and numerical simulations with unknown uncertainty
Miasayedava, Lizaveta; **Kaugerand, Jaanus**; **Tuhtan, Jeffrey Andrew** Environmental modeling & assessment 2023 / p. 961–975 https://doi.org/10.1007/s10666-023-09909-x Journal metrics at Scopus Article at Scopus Journal metrisc at WOS Article at WOS

Lightweight open data assimilation of Pan-European urban air quality
Miasayedava, Lizaveta; **Kaugerand, Jaanus**; **Tuhtan, Jeffrey Andrew** IEEE access 2023 / p. 84670–84688 : ill., map https://doi.org//10.1109/ACCESS.2023.3302348 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Luude seisundit uuritakse kaaluta olekus
Imeline Teadus 2024 / lk. 20 : fot https://www.ester.ee/record=b2747925*est

Man-made flows from a fish's perspective : autonomous classification of turbulent fishway flows with field data collected using an artificial lateral line
Tuhtan, Jeffrey Andrew; **Fuentes-Pérez, Juan Francisco**; **Toming, Gert**; Schneider, Matthias; Schwarzenberger, Richard; Schletterer, Martin; **Kruusmaa, Maarja** Bioinspiration & biomimetics 2018 / art. 046006, 17 p. : ill https://doi.org/10.1088/1748-3190/aabc79 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Map-based localization and loop-closure detection from a moving underwater platform using flow features
Muhammad, Naveed; **Fuentes-Pérez, Juan Francisco**; **Tuhtan, Jeffrey Andrew**; **Toming, Gert**; **Kruusmaa, Maarja**; Musall, Mark Autonomous robots 2019 / p. 1419-1434 : ill https://doi.org/10.1007/s10514-018-9797-3 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A method to improve instationary force error estimates for undulatory swimmers
Tuhtan, Jeffrey Andrew; **Toming, Gert**; **Ruuben, Toomas**; **Kruusmaa, Maarja** Underwater technology 2016 / p. 141-151 : ill https://doi.org/10.3723/ut.33.141 Journal metrics at Scopus Article at Scopus

Monitoring upstream fish passage through a bypass pipe and drop at the fish lift Runserau : comparing dynamic pressure measurements on live fish with passive electronic fish surrogates
Tuhtan, Jeffrey Andrew; **Fuentes-Pérez, Juan Francisco**; Angerer, Thomas; Schletterer, Martin 2018 / 4 p. : ill https://amber.international/event/12th-international-symposium-on-ecohydraulics-ise-2018/ https://www.etis.ee/Portal/Publications/Display/909d1462-ad33-4f9e-a319-8718098cb63e

More than depth : developing pressure sensing systems for aquatic environments
Schletterer, Martin; **Tuhtan, Jeffrey Andrew**; **Fuentes-Pérez, Juan Francisco**; **Kruusmaa, Maarja** HydroSenSoft, International Symposium and Exhibition on Hydro-Environment Sensors and Software : 1-3 March 2017, Madrid, Spain 2017 / p. 1-7 : ill

Multiscale change detection in a supraglacial stream using surface drifters
Tuhtan, Jeffrey Andrew; **Kruusmaa, Maarja**; Alexander, Andreas; **Fuentes-Pérez, Juan Francisco** River Flow 2020 Proceedings of the 10th Conference on Fluvial Hydraulics (Delft, Netherlands, 7-10 July 2020): River Flow 2020, Online, 7-10 July 2020 2020 / p. 1483-1492 https://doi.org/10.1201/b22619

Multi-species assessment of injury, mortality, and physical conditions during downstream passage through a large Archimedes hydrodynamic screw (Albert Canal, Belgium)
Pauwels, Ine S.; Baeyens, Raf; **Toming, Gert**; **Tuhtan, Jeffrey Andrew** Sustainability 2020 / art. 8722, 25 p. : ill

https://doi.org/10.3390/su12208722 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A new, non-invasive fish backpack biologger to measure the physical conditions experienced byswimming fish during downstream passage
Wagner, Falko; Busch, Andre; Buysse, David; Hoerner, Stefan; Kenndorf, Moritz; Pouwels, Ine; Rössger, Tom; Roth, Marcio Salgueiro; Schletterer, Martin; Stamm, Jürgen; **Toming, Gert**; **Tuhtan, Jeffrey Andrew** Fish Passage 2022 : Opportunities and Innovation in a Changing World : 13–16 June 2022 2022 / p. 147 https://fishpassage.fisheries.org/wp-content/uploads/sites/57/2022/08/FPC_Program_YouTube-Links.pdf

Not just the pump; broader considerations for downstream migrating silver eels at a 'fishfriendly' pumping station
Evans, Oliver; Bolland, Jonathan; Carter, Liam; Hutchinson, Thomas; Collier, Stephen; Don, Andrew; Wright, Rosalind; **Tuhtan, Jeffrey Andrew**; **Toming, Gert** Fish Passage 2022 : Opportunities and Innovation in a Changing World : 13–16 June 2022 2022 / p. 34 https://fishpassage.fisheries.org/wp-content/uploads/sites/57/2022/08/FPC_Program_YouTube-Links.pdf

A novel approach for aquatic gait analysis using wearable inertial and hydrodynamic pressure sensors = Uudne lähenemisviis veealuse kõnnaku analüüsiks, kasutades kantavaid inertsiaalseid ja hüdrodünaamilisi rõhuandureid
Monoli, Cecilia 2024 https://www.ester.ee/record=b5685206*est https://digikogu.taltech.ee/et/Item/f6ca5db2-99f6-48c2-98f8-c6ae343ddf7f https://doi.org/10.23658/taltech.22/2024

Numerical simulation and experimental verification of downstream fish migration in a bulb turbine
Benigni, Helmut; Schneider, Josef; **Reckendorfer, Walter**; Schiffer, J.; **Tuhtan, Jeffrey Andrew**; Leithner, S.; Zenz, Gerald; Meusburger, P. 31st IAHR Symposium on Hydraulic Machinery and Systems 26/06/2022 - 01/07/2022 Trondheim, Norway. Vol. 1079 2022 / 10 p. : ill https://doi.org/10.1088/1755-1315/1079/1/012101 Conference proceedings at Scopus Article at Scopus

Numerical simulation and experimental verification of downstream fish migration in a Kaplan turbine
Benigni, Helmut; Schneider, Josef; Reckendorfer, Walter; Jaberg, Helmut; Zenz, Gerald; **Tuhtan, Jeffrey Andrew** IOP Conference Series: Earth and Environmental Science ; 774 2021 / art. 012149 https://doi.org/10.1088/1755-1315/774/1/012149 Conference Proceedings at Scopus Article at Scopus Article at WOS

On the shoulders of giants : colourful argument trees for academic writing
Kruusmaa, Maarja; **Moktefi, Amirouche**; **Tuhtan, Jeffrey Andrew** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 520-524 https://doi.org/10.1007/978-3-030-54249-8_48 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

An open 3D CFD model for the investigation of flow environments experienced by freshwater fish
Khan, Ali Hassan; Hussmann, Karla Ruiz; Powalla, Dennis; Hoerner, Stefan; **Kruusmaa, Maarja**; **Tuhtan, Jeffrey Andrew** Ecological Informatics 2022 / art. 101652, 12 p. : ill https://doi.org/10.1016/j.ecoinf.2022.101652 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Open environmental data assimilation under unknown uncertainty and multiple spatio-temporal scales [Electronic resource] = Keskkonna avaandmete assimilatsioon tundmatu määramatuse ning erinevate aeg-ruumi skaalade korral
Miasayedava, Lizaveta 2024 https://www.ester.ee/record=b5673370*est https://digikogu.taltech.ee/et/Item/9084dbfd-dadb-4f0c-b146-781bc6a5c487 https://doi.org/10.23658/taltech.13/2024

An open surface drifter for river flow field characterization
Fuentes-Pérez, Juan Francisco; Sanz-Ronda, Francisco Javier; **Tuhtan, Jeffrey Andrew** Sensors 2022 / art. nr. 9918 https://doi.org/10.3390/s22249918 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A Pan-European environmental flow concept
Parasiewicz, Piotr; **Tuhtan, Jeffrey Andrew**; Prus, Pawel; Suska, Katarzyna Riverine landscapes as coupled socio-ecological systems : 6th biennial Symposium of the International Society for River Science : book of abstracts 2019 / p. 108 https://www.bib.irb.hr/1025362/download/1025362.ISRS2019_book_of_abstracts.pdf

Philosophie und Methode : Fachdisziplin Ethohydraulik – wie geht das?
Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 11-22 https://doi.org/10.1007/978-3-658-32824-5_2

Pressure and inertia sensing drifters for glacial hydrology flow path measurements
Alexander, Andreas; **Kruusmaa, Maarja**; **Tuhtan, Jeffrey Andrew**; Hodson, Andrew J.; Schuler, Thomas V.; Kääb, Andreas The cryosphere 2020 / p. 1009-1023 https://doi.org/10.5194/tc-14-1009-2020 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Pressure LaPlacian measurement with a bioinspired fish-shaped lateral line probe
Tuhtan, Jeffrey Andrew; **Fuentes-Pérez, Juan Francisco**; Schletterer, Martin; **Kruusmaa, Maarja** HydroSenSoft, International Symposium and Exhibition on Hydro-Environment Sensors and Software : 1-3 March 2017, Madrid, Spain 2017 / p. 1-6 : ill

Projekte und Praxis

Meyer, Matthias; Schweizer, Steffen; Göz, Daniel; **Tuhtan, Jeffrey Andrew** Biologische Durchgängigkeit von Fließgewässern : Ausgewählte Beiträge aus der Fachzeitschrift WasserWirtschaft 2017 / S. 181-295 https://doi.org/10.1007/978-3-658-13990-2_3

Random forests hydrodynamic flow classification in a vertical slot fishway using a bioinspired artificial lateral line probe
Fukuda, Shinji; **Tuhtan, Jeffrey Andrew**; **Fuentes-Pérez, Juan Francisco**; Schletterer, Martin; **Kruusmaa, Maarja** Intelligent Robotics and Applications : 9th International Conference, ICIRA 2016, Tokyo, Japan, August 22-24, 2016 : proceedings. Part II 2016 / P. 297-307 : ill https://doi.org/10.1007/978-3-319-43518-3_29 Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

RAPTOR-UAV : real-time particle tracking in rivers using an unmanned aerial vehicle
Thumser, Philipp; Haas, Christian; **Tuhtan, Jeffrey Andrew**; **Fuentes-Pérez, Juan Francisco**; **Toming, Gert** Earth surface processes and landforms 2017 / p. 2439-2446 : ill https://doi.org/10.1002/esp.4199 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The relevance of fluid-body interactions for habitat selection of two Iberian cyprinids during hydropeaking
Costa, Maria Joao; Godinho, Francisco; Romao, Filipe; Fuentes-Perez, Juan Francisco; **Tuhtan, Jeffrey Andrew**; Pinheiro, Antonio N.; Boavida, Isabel Proceedings 39th IAHR World Congress 2022 / p. 1454−1459 https://doi.org/10.3850/IAHR-39WC2521711920221269

Research overview on multi-species downstream migration measures at the fithydro test case HPP Bannwil
Kriewitz-Byun, Carl Robert; **Tuhtan, Jeffrey Andrew**; **Toming, Gert**; Albayrak, Ismail; Kammerer, Stephan; Vetsch, David Florian; Peter, Armin; Stoltz, Ulli; Gabl, Walter; Marbacher, Daniel FIThydro 2018 / 5 p. : ill https://doi.org/10.3929/ethz-b-000308171

Rethinking fish-friendliness of pumps by shifting focus to both safe and timely fish passage for effective conservation
Evans, Oliver J.; Norman, Josh; Carter, Liam J.; Hutchinson, T.; Don, A.; Wright, Rosalind M.; **Tuhtan, Jeffrey Andrew**; **Toming, Gert**; Bolland, Jonathan D. Scientific reports 2024 / art. 17888, 12 p. : ill https://doi.org/10.1038/s41598-024-67870-5 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Rivers 2.0 - transforming rivers into digital landscapes using unmanned aerial vehicles
Haas, Christian; Thumser, Philipp; **Tuhtan, Jeffrey Andrew** Hydrolink 2019 / p. 13–15 : ill https://fithydro.eu/wp-content/uploads/2019/03/HaasC._ThumserP._Tuhtan.J.A._2019_Rivers-2.0-Transforming_-Rivers_-into_-Digital_-Landscapes_Hydrolink.pdf

Robotkala mõõtis, mida tunneb päriskala veehulga järsul muutumisel
Himma, Marju novaator.err.ee 2019 https://novaator.err.ee/922869/robotkala-mootis-mida-tunneb-pariskala-veehulga-jarsul-muutumisel

Salmon behavioural response to robots in an aquaculture sea cage
Kruusmaa, Maarja; **Gkliva, Roza**; **Tuhtan, Jeffrey Andrew**; Tuvikene, A.; Alfredsen, J.A. Royal Society open science 2020 / art. 191220, 14 p. : ill https://doi.org/10.1098/rsos.191220 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sensing drifters for glacial hydrology measurements
Alexander, Andreas; **Kruusmaa, Maarja**; **Tuhtan, Jeffrey Andrew**; Hodson, Andreas J. Svalbard Science Conference 2019 : book of abstracts 2019 / p. 50 https://www.forskningsradet.no/contentassets/f464e19d364c40b59170a1956a98e747/book-of-abstracts-ssc2019.pdf

Smart fish counter for monitoring species, size, migration behaviour and environmental conditions
Tuhtan, Jeffrey Andrew; **Dubrovinskaya, Elizaveta**; **Miasayedava, Lizaveta**; **Pattanaik, Vishwajeet**; **Soom, Jürgen**; Mockenhaupt, Bernd; Schütz, Cornelia; Haas, Christian; Thumser, Philipp 14th International Symposium on Ecohydraulics (ISE 2022) : October 10-14, 2022 : Nanjing, China 2022 / p. 1-4 : ill https://iahr.oss-accelerate.aliyuncs.com/upload/file/20221009/20221009192625_67371.docx

Spatial preferences of Iberian barbel in a vertical slot fishway under variable hydrodynamic scenarios
Fuentes-Pérez, Juan Francisco; Eckert, Mario; **Tuhtan, Jeffrey Andrew**; Ferreira, Maria Teresa; **Kruusmaa, Maarja**; Branco, Paulo Ecological engineering 2018 / p. 131-142 : ill https://doi.org/10.1016/j.ecoleng.2018.10.014 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Surface vessel localization from wake measurements using an array of pressure sensors in the littoral zone
Rätsep, Margus; **Parnell, Kevin Ellis**; **Soomere, Tarmo**; **Kruusmaa, Maarja**; **Ristolainen, Asko**; **Tuhtan, Jeffrey Andrew** Ocean engineering 2021 / art. 109156 https://doi.org/10.1016/j.oceaneng.2021.109156 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Zur Bedeutung bioinspirierter Messtechnik in der Ethohydraulik
Bensing, Katharina; Lehmann, Boris; **Tuhtan, Jeffrey Andrew**; **Toming, Gert** Wasserwirtschaft 2024 / p. 26-33 https://doi.org/10.1007/s35147-024-2412-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

TalTechi IT-teadlased hakkavad uurima luude tervist mikrogravitatsioonis
mu.ee 2024 TalTechi IT-teadlased hakkavad uurima luude tervist mikrogravitatsioonis IT-teadlased hakkavad uurima luude tervist mikrogravitatsioonis

TalTechi teadlane : Eestis loodud veealused kaamerad aitavad jõgesid üle Euroopa taaselustada ja kaardistada veealust liiklust
Tuhtan, Jeffrey Andrew geenius.ee 2022 TalTechi teadlane : Eestis loodud veealused kaamerad aitavad jõgesid üle Euroopa taaselustada ja kaardistada veealust liiklust

The EcoPeak4Fish Project : an integrated approach to support self-sustaining fish populations downstream hydropower plants
Boavida, Isabel; Santos, Jose Maria; Costa, Maria Joao; Leite, Renan; Portela, Maria Manuela; Godinho, Francisco; Leitao, Pedro; Mota, Rui; **Tuhtan, Jeffrey Andrew**; Pinheiro, Antonio N. Proceedings 39th IAHR World Congress 2022 / p. 1434-1438
https://doi.org/10.3850/IAHR-39WC2521711920221160

The RETERO Project : 3R motivated risk assessment methods for downstream fish passage through hydraulic structures
Hoerner, Stefan; Abbaszadeh, Shokoofeh; Busch, Andre; Kopecki, Ianina; Leidhold, Roberto; Müller, Nadine; Powalla, Dennis; Rössger, Tom; Roth, Marcio Salgueiro; Schneider, Matthias; Stamm, Jürgen; Thevenin, Dominique; **Toming, Gert**; **Tuhtan, Jeffrey Andrew**; Wagner, Falko; Warth, Peter 14th International Symposium on Ecohydraulics (ISE 2022) : October 10-14, 2022 : Nanjing, China 2022 / p. 1-5 : ill https://iahr.oss-accelerate.aliyuncs.com/upload/file/20221009/20221009192646_12566.pdf

This fish does not exist : fish species dataset augmentation using stable diffusion
Dubrovinskaya, Elizaveta; **Tuhtan, Jeffrey Andrew** OCEANS 2023 - Limerick 2023 / 6 p.
https://doi.org/10.1109/OCEANSLimerick52467.2023.10244720

3D modelling of non-uniform and turbulent flow in vertical slot fishways
Fuentes-Pérez, Juan Francisco; Silva, A.T.; **Tuhtan, Jeffrey Andrew**; Garcia-Vega, Ana; Carbonell Baeza, Ruth; Musall, Mark; **Kruusmaa, Maarja** Environmental modelling & software 2018 / p. 156-169 : ill https://doi.org/10.1016/j.envsoft.2017.09.011 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Towards a reliable and validated toolbox to replace live fish tests for the assessment of injury and mortality during downstream passage
Hoerner, Stefan; **Kösters, Wolf Iring**; Abbaszadeh, Shokoofeh; Wagner, Falko; **Tuhtan, Jeffrey Andrew** Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / p. 1 https://hal.science/hal-04642604

Towards understanding fish behavior near an angled rack : an approach for fish tracing using open-source software
Kopecki, Ianina; Schneider, Matthias; Bensing, Katharina; Lehmann, Boris; Becker, Andreas; Ortlepp, Johannes; **Tuhtan, Jeffrey Andrew** 14th International Symposium on Ecohydraulics (ISE 2022) : October 10-14, 2022 : Nanjing, China 2022 / p. 1-2
https://iahr.oss-accelerate.aliyuncs.com/upload/file/20221009/20221009195954_71750.docx

Täielik kosmos! TalTechi teadlased osalevad murrangulises terviseprojektis
digi.geenius.ee 2024 Täielik kosmos! TalTechi teadlased osalevad murrangulises terviseprojektis

Underwater bioinspired sensing: New opportunities to improve environmental monitoring
Tuhtan, Jeffrey Andrew; **Nag, Saptarshi**; **Kruusmaa, Maarja** IEEE instrumentation & measurement magazine 2020 / p. 30-36
https://doi.org/10.1109/MIM.2020.9062685 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Underwater vehicle speedometry using differential pressure sensors : preliminary results [Online resource]
Fuentes-Pérez, Juan Francisco; **Kalev, Kaia**; **Tuhtan, Jeffrey Andrew**; **Kruusmaa, Maarja** Autonomous Underwater Vehicles 2016 : AUV 2016 : 6-9 November 2016 : IIS, the University of Tokyo, Tokyo, Japan 2016 / p. 156-160 : ill
https://doi.org/10.1109/AUV.2016.7778664

Using spectrograms from underwater total pressure sensors to detect passing vessels in a coastal environment
Rätsep, Margus; **Parnell, Kevin Ellis**; **Soomere, Tarmo**; **Kruusmaa, Maarja**; **Ristolainen, Asko**; **Tuhtan, Jeffrey Andrew**
Journal of atmospheric and oceanic technology 2020 / p. 1353-1363 : ill https://doi.org/10.1175/JTECH-D-19-0192.1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Using UAV generated data for the characterisation of riverine systems - case study in the headwaters of the Volga River
Haas, Christian; Thumser, Philipp; **Tuhtan, Jeffrey Andrew**; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; Schletterer, Martin International Geographical Union Regional Conference "Geography, Culture and Society for our Future Earth" : 17-21 August 2015, Moscow, Russia : book of abstracts 2015 / p. 1594

Wearable technologies for monitoring aquatic exercises : a systematic review
Monoli, Cecilia; **Tuhtan, Jeffrey Andrew**; Piccinini, Luigi; Galli, Manuela Clinical Rehabilitation 2023 / p. 791-807
https://doi.org/10.1177/02692155221141039 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Viis kolleegi uuel positsioonil
Pärgmäe, Reet; **Karolin, Aet**; **Hanson, Raul**; **Lill, Irene**; **Tuhtan, Jeffrey Andrew** Mente et Manu 2021 / lk. 25-27 : portr Mente et Manu 2/2021

Vorwort

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. VII-VIII https://doi.org/10.1007/978-3-658-32824-5