

Artificial lateral lines : assessing fish passages sensing like a fish [Online resource]

Fuentes-Pérez, Juan Francisco International Conference on Engineering and Ecohydrology for Fish Passage, June 19-21, 2017, Oregon State University, Corvallis, Oregon (USA) : presentation abstracts 2017 / p. 91
http://fishpassage.umass.edu/conference2017/sites/default/files/FishPassage2017_Abstracts.pdf

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

Biorobotikud uurisid Keila-Joal robotkaladega kalade läbipääse

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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

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

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>

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](#)

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](https://doi.org/10.1061/(ASCE)HY.1943-7900.0001565) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Leitströmung an Fischeaufstiegsanlagen : Bewertung und Optimierung über ethohydraulische Modellierung

Kopecki, Janina; Schneider, Matthias; **Tuhtan, Jeffrey Andrew** Wasserwirtschaft 2016 / S. 37-42 : Ill
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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](#)

Non-uniform hydraulic behavior of pool-weir fishways : A tool to optimize its design and performance

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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>

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](#)

Villemonte's approach : a general method for modeling uniform and non-uniform performance in stepped fishways

Fuentes-Pérez, Juan Francisco; Garcia-Vega, Ana; Sanz-Ronda, Francisco Javier; Martinez de Azagra Paredes, Andres
Knowledge and management of aquatic ecosystems 2017 / art. 23, p. 1-11 : ill <https://doi.org/10.1051/kmae/2017013>

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>