

Analytical solutions for tsunami waves generated by submarine landslides in narrow bays and channels

Didenkulova, Irina; Pelinovsky, Efim Pure and applied geophysics 2013 / p. 1661-1671 : ill <https://doi.org/10.1007/s00024-012-0510-8>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Autoteede projekteerimise metoodiline juhend. Vooluvete juhtimine. Maastikuline projekteerimine

1978 https://www.ester.ee/record=b1278673*est

Barotropic effects on surface layer on water exchange through horizontal channels with quadratic-shape cross-sections

Laanearu, Janek; Davies, Peter A. Proceedings of Sixth International Symposium on Stratified Flows : Perth, 11-14.12.2006 2006 / p. 336-341

Behälter, Maste, Schornsteine, Rohrleitungen : mit 611 Textabbildungen

1934 https://www.ester.ee/record=b2741162*est

Dense gravity currents in rotating, up-sloping and converging channel

Cuthbertson, Alan; Davies, Peter; **Laanearu, Janek**; Wahlin, Anna Proceedings of VII International Symposium on Stratified Flows (ISSF2011), 22nd-26th of August, Rome, Italy 2011
https://www.researchgate.net/publication/283792789_Dense_Gravity_Currents_in_a_Rotating_Up-sloping_Converging_Channel

Dense-water overflow in a converging and up-sloping channel

Laanearu, Janek; Cuthbertson, Alan; Davies, Peter Proceedings of VII International Symposium on Stratified Flows (ISSF2011), 22nd-26th of August, Rome, Italy 2011 https://www.researchgate.net/publication/283792680_Dense-Water_Overflow_in_A_Converging_and_Up-sloping_Channel

Experimental and numerical modelling of stratified exchange flows and blocking over a submerged sill

Cuthbertson, Alan; Berntsen, Jarle; **Laanearu, Janek**; Asplin, Magdeli 6th IAHR Europe Congress, Warsaw, Poland : abstract book 2021 / p. 237-238 : ill <https://iahr2020.pl/wp-content/uploads/2021/02/Book-of-Abstracts-15-02-2021.pdf>

Experimental study of uni- and bi-directional exchange flows in a large scale rotating trapezoidal channel

De Falco, Maria Chiara; Adduce, Claudia; Cuthbertson, Alan; Negretti, Maria Eletta; **Laanearu, Janek**; Malcangio, Daniela; Sommeria, Joel Physics of Fluids 2021 / art. 036602, 17 p. : ill <https://doi.org/10.1063/5.0039251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experiments on unsteady separating flow in an open channel

Koppel, Tiit 1981

Gas-solid particle flow in horizontal channels : decomposition of the particle-phase flow and interparticle collision effects

Kartušinski, Aleksander; Michaelides, Efstathios Journal of fluids engineering 2007 / 6, p. 702-712
https://www.researchgate.net/publication/245357137_Gas-Solid_Particle_Flow_in_Horizontal_Channels_Decomposition_of_the_Particle-Phase_Flow_and_Interparticle_Collision_Effects

Gas-solid particle flow in horizontal channels at high mass loadings [Electronic resource]

Kartušinski, Aleksander; Michaelides, Efstathios; **Rudi, Ülo** Proceedings of the 5th International Conference on Multiphase Flow : ICMF-2004 : Yokohama, Japan, May 30-June 4, 2004 2004 / Paper No. 159. [CD-ROM]

Gravity currents in rotating, topographically-controlled channels

Cuthbertson, Alan; Davies, Peter A.; Chafik, Leon; Lundberg, Peter; **Laanearu, Janek**; Wahlin, Anna Proceedings of 3rd International Symposium on Shallow Flows (ISSF) : June 4-6, 2012, Iowa City, IA, USA 2012 / p. 146-155 : ill
https://www.researchgate.net/publication/283791457_Gravity_Currents_in_Rotating_Topographically-controlled_Channels

Hydraulic control of two-layer flow in "quadratic"-type channels

Laanearu, Janek; Davies, Peter Journal of hydraulic research 2007 / 1, p. 3-12

Interfacial mixing of dense-water overflow in a converging and up-sloping channel

Laanearu, Janek; Cuthbertson, Alan; Davies, Peter A. Proceedings of the 2nd IAHR European Conference : June 27-29, 2012, München, Bavaria, Germany 2012 / [6] p <https://www.iahr.org/library/infor?pid=11198>

Interfacial mixing of the stratified flow in the trapezoidal-shape channel with presence of background vorticity

Laanearu, Janek; **Kaur, Katrin**; Malcangio, Daniela 8th IAHR Europe Congress "Water - across boundaries" : book of abstracts 2024 / p. 177-178 https://www.iahr2024.inec.pt/_files/ugd/366a17_38aaf3e046644a339de05fee8f280f7a.pdf

Internal dynamics of a dense-water overflow in an up-sloping and converging vee-shaped channel

Laanearu, Janek; Cuthbertson, Alan; Davies, Peter A. Proceedings of 3rd International Symposium on Shallow Flows (ISSF) : June 4-6, 2012, Iowa City, IA, USA 2012 / [10] p https://www.researchgate.net/publication/283791510_Internal_Dynamics_of_a_Dense-water_Overflow_in_an_Up-sloping_and_Converging_Vee-shaped_Channel

Investigation of wave propagation and reflection in ducts with arbitrary environment using threemicrophone method
Lavrentjev, Jüri; Tiikoja, Heiki INTER-NOISE 2008 : 37th International Congress and Exposition on Noise Control Engineering : Shanghai, 26-29. October 2008 : proceedings. Vol 3 2009 / p. 1623-1629

Modeling of high-concentration gas-particle flow in a horizontal channel

Kartušinski, Aleksander; Michaelides, Efsthios; **Rudi, Ülo** Fluid dynamics 2006 / 2, p. 237-248
<https://link.springer.com/content/pdf/10.1007/s10697-006-0037-8.pdf>

Nonlinear wave dynamics in self-consistent water channels

Pelinovsky, Efim; **Didenkulova, Ira**; Shurgalina, Ekaterina; Aseeva, Nataly Journal of physics A: mathematical and theoretical 2017 / art. 505501, 16 p. : ill <https://doi.org/10.1088/1751-8121/aa923e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical modelling of the bottom gravity current in an obstructed channel with trapezoidal cross-section

Laanearu, Janek; Kaur, Katrin; Malcangio, Daniela; Cuthbertson, Alan; Adduce, Claudia; De Falco, Maria Chiara; Negretti, Eletta; Sommeria, Joel 6th IAHR Europe Congress, Warsaw, Poland : abstract book 2021 / p. 247-248 <https://iahr2020.pl/wp-content/uploads/2021/02/Book-of-Abstracts-15-02-2021.pdf>

On shallow water rogue wave formation in strongly inhomogeneous channels

Didenkulova, Irina; Pelinovsky, Efim Journal of physics A : mathematical and theoretical 2016 / art. 194001, p. 1-11 : ill <https://doi.org/10.1088/1751-8113/49/19/194001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Parameterization of moderate net exchange-flow solutions for quadratic horizontal channels

Laanearu, Janek; Davies, Peter A. Mixing of coastal, estuarine and river in shallow flows 2008 / p. 69-70

Particle-laden gas flow in horizontal channels with collision effects

Kartušinski, Aleksander; Michaelides, Efsthios Powder technology 2006 / 2, p. 89-103 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0032591006002282>

Radiation heat transfer of turbulator inserts in gas heated channels

Nešumajev, Dmitri; Tiikma, Toomas Heat transfer research 2008 / 5, p. 403-412 : ill <https://www.dl.begellhouse.com/journals/46784ef93dddf27,337369e71ba68ce8,4d472a5f154ab085.html>

Shallow water rogue wave formation in inhomogeneous channels

Pelinovsky, Efim; **Didenkulova, Irina** Geophysical research abstracts 2016 / EGU2016-1219

Sound reflection at an open end of a circular duct exhausting hot gas

Rämmal, Hans; Lavrentjev, Jüri Noise control engineering journal 2008 / 2, p. 107-114
<https://www.ingentaconnect.com/content/ince/ncej/2008/00000056/00000002/art00002?sessionId=1nroaerjkh1bh.x-ic-live-01>

Stability study of the stratified flow in the trapezoidal-shape channel with presence of background vorticity

Laanearu, Janek; Kaur, Katrin; Malcangio, Daniela 10th International Symposium on Environmental Hydraulics 2024 : book of abstracts 2024 / 2 p

The behaviour of dense gravity currents in a rotating channel with converging topography

Cuthbertson, Alan; **Laanearu, Janek**; Davies, Peter; Wahlin, Anna Proceedings of the HYDRALAB III Joint Transnational Access User Meeting : Hannover, February 2010 2010 / p. 155-158 : ill https://www.academia.edu/74207598/The_behaviour_of_dense_gravity_currents_in_a_rotating_channel_with_converging_topography

The dynamics of bi-directional exchange flows

Adduce, Claudia; De Falco, Maria Chiara; Cuthbertson, Alan; **Laanearu, Janek**; Malcangio, Daniela; **Kaur, Katrin**; Negretti, Eletta; Sommeria, Joel 6th IAHR Europe Congress, Warsaw, Poland : abstract book 2021 / p. 231-232 <http://iahr2020.pl/wp-content/uploads/2021/02/Book-of-Abstracts-15-02-2021.pdf>

The Dynamics of bi-directional exchange flows : implications for morphodynamic change within estuaries

Adduce, Claudia; De Falco, Maria Chiara; Cuthbertson, Alan; **Laanearu, Janek; Kaur, Katrin** Trans-national Access in Hydralab+ : proceedings of the Joint User Meeting Bucharest - May 23, 2019 2019 / p. 19-26 : ill <https://hydralab.eu/assets/Proceedings-Hydralab-Joint-User-Meeting-May-23-Bucharest.pdf>

The two-fluid RANS method in an upward round channel flow [Electronic resource]

Kartušinski, Aleksander; Michaelides, S.E.; **Pihlak, Uku** Proceedings of the 11 Workshop on Two-Phase Flow Predictions : 2005, Merseburg, Germany 2005 / [12] p. [CD-ROM]

The two-phase mixture in vertical duct by RANS approach [Electronic resource]

Kartušinski, Aleksander; Michaelides, S.E.; **Pihlak, Uku** CRE X conference "Innovations in Chemical Reactor Engineering" : 2005, Zacatecas, Mexico 2005 / [10] p. [CD-ROM]

Гидравлический расчет параболических русел

Терпакс, Лео 1953 https://www.ester.ee/record=b1393200*est <https://digikogu.taltech.ee/et/Item/08841c4d-811d-4dc1-a4f2-d3db74326ff0>

Wave dynamics in the channels of variable cross-section

Pelinovsky, Efim; **Didenkulova, Irina**; Shurgalina, Ekaterina Physical oceanography 2017 / p. 19-27 : илл <http://dx.doi.org/10.22449/1573-160X-2017-3-19-27>

"Välisilm": teise Suessi kriisi õppetunnid ja uued kaubateed [Võrguväljaanne]

Linnart, Mart err.ee 2021 [""Välisilm": teise Suessi kriisi õppetunnid ja uued kaubateed"](https://www.ester.ee/record=b1393200*est)

"Välisilm": уроки второго Суэцкого кризиса и новые торговые пути

Linnart, Mart rus.err.ee 2021 ["уроки второго Суэцкого кризиса и новые торговые пути "](https://www.ester.ee/record=b1393200*est)

Аналитические решения и численное моделирование задачи разрушения плотины в наклонных каналах

Pelinovsky, Efim; Rodin, Artem; Didenkulov, Oleg; **Didenkulova, Irina** XXII Международная научно-техническая конференция "Информационные системы и технологии" ИСТ-2016 : посвященная 80-летию РТФ ФРК-ФИСТ-ИРИТ 2016 / с. 436

Гидравлическое сопротивление в руслах с неоднородной шероховатостью по периметру

Hääl, Maire-Liis; Терпакс, Лео Сборник статей по санитарной технике. 6 1970 / с. 121-128 : илл https://www.ester.ee/record=b2085097*est <https://digikogu.taltech.ee/et/Item/6aaacbd0-60a7-4bdf-bbd4-fb7848aec7f9/>

Гидродинамика трехфазного псевдооживленного слоя в узком барботажном канале

Kappo, Jüri; Tearo, Eduard; Uus, Endel XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 185-186 https://www.ester.ee/record=b1322629*est

Гидродинамика трехфазного псевдооживленного слоя в узком барботажном канале

Tearo, Eduard; Uus, Endel; Kappo, Jüri Кинетические и технологические характеристики биокатализаторов 1982 / с. 79-85 : илл https://www.ester.ee/record=b1309223*est <https://digikogu.taltech.ee/et/Item/e5bac84c-77da-4b4f-beba-795a822667c8>

Динамика волн в каналах переменного сечения

Pelinovsky, Efim; **Didenkulova, Irina**; Shurgalina, Ekaterina Морской гидрофизический журнал 2017 / с. 22-31

Потери давления трению в воздуховодах, перемещающих насыщенный влагой воздух в неизотермических условиях

Jeret, Georg Сборник статей по санитарной технике. 6 1970 / с. 97-102 : илл https://www.ester.ee/record=b2085097*est <https://digikogu.taltech.ee/et/Item/6aaacbd0-60a7-4bdf-bbd4-fb7848aec7f9/>

Спектральное распределение энергии в слое смешения нестационарного отрывного течения в канале с открытой поверхностью

Koppel, Tiit Гидроаэродинамика и динамика систем управления 1983 / с. 27-39 : ил https://www.ester.ee/record=b1273193*est <https://digikogu.taltech.ee/et/Item/6eddf5c2-8425-45ed-8c1b-1a000c6f681a>