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## Entropy Theory for Two-Dimensional Velocity Distribution

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#	Paper	IF	Citations
72	On the Cumulative Distribution Function for Entropy-Based Hydrologic Modeling. <i>Transactions of the ASABE</i> , <b>2012</b> , 55, 429-438	0.9	15
71	Two-Dimensional Velocity Distribution in Open Channels Using the Tsallis Entropy. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2013</b> , 18, 331-339	1.8	41
70	Derivation of 2D Power-Law Velocity Distribution Using Entropy Theory. <i>Entropy</i> , <b>2013</b> , 15, 1221-1231	2.8	19
69	Tsallis Entropy-Based Flow Duration Curve. <i>Transactions of the ASABE</i> , <b>2014</b> , 837-849	0.9	0
68	Analysis of the Relationship between Soil Erosion Risk and Surplus Floodwater during Flood Season. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 1294-1311	1.8	20
67	Computation of Suspended Sediment Discharge in Open Channels by Combining Tsallis Entropy-Based Methods and Empirical Formulas. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 18-25 <sup>1.8</sup>	1.8	9
66	Suspended Sediment Concentration in Open Channels Using Tsallis Entropy. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 966-977	1.8	27
65	One-Dimensional Velocity Distribution in Open Channels Using Tsallis Entropy. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 290-298	1.8	33
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61	Suspended Sediment Discharge. <b>2015</b> , 165-175		
60	Modeling of velocity fields by the entropy concept in narrow open channels. <i>KSCE Journal of Civil Engineering</i> , <b>2015</b> , 19, 779-789	1.9	9
59	Effect of bed roughness on 1-D entropy velocity distribution in open channel flow. <b>2015</b> , 46, 1-10		8
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57	Introduction to Tsallis Entropy Theory. <b>2016</b> , 23-52		
56	Chapter 2 Probability Distributions. <b>2016</b> , 53-78		

55	Nonlinear and entropic velocity distribution in open channel. <i>ISH Journal of Hydraulic Engineering</i> , <b>2016</b> , 22, 163-172	1.5	4
54	Two dimensional velocity distribution in open channels using Renyi entropy. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2016</b> , 450, 546-559	3.3	22
53	Influence of Bed Roughness and Cross Section Geometry on Medium and Maximum Velocity Ratio in Open-Channel Flow. <i>Journal of Hydraulic Engineering</i> , <b>2016</b> , 142, 06015015	1.8	7
52	One-Dimensional velocity distribution in open channels using Renyi entropy. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2017</b> , 31, 949-959	3.5	25
51	Prediction of velocity-dip-position over entire cross section of open channel flows using entropy theory. <i>Environmental Earth Sciences</i> , <b>2017</b> , 76, 1	2.9	13
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49	Hindered Settling Velocity in Particle-Fluid Mixture: A Theoretical Study Using the Entropy Concept. <i>Journal of Hydraulic Engineering</i> , <b>2017</b> , 143, 06017019	1.8	13
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43	Derivation of different suspension equations in sediment-laden flow from Shannon entropy. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2018</b> , 32, 563-576	3.5	6
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37	Uncertainty analysis of shear stress estimation in circular channels by Tsallis entropy. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2018</b> , 510, 558-576	3.3	17
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- 1 Velocity estimation in compound channels with different bank slopes using Renyi and Tsallis entropy.

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