Inge Revhaug

List of Publications by Citations

18 papers	**2,960** citations
16 h-index	**18** g-index
18 ext. papers	**3,427** ext. citations
3.7 avg, IF	**5.35** L-index

#	Paper	IF	Citations
18	Spatial prediction models for shallow landslide hazards: a comparative assessment of the efficacy of support vector machines, artificial neural networks, kernel logistic regression, and logistic model tree. *Landslides*, **2016**, 13, 361-378	6.6	602
17	A comparative assessment of decision trees algorithms for flash flood susceptibility modeling at Haraz watershed, northern Iran. *Science of the Total Environment*, **2018**, 627, 744-755	10.2	326
16	Spatial prediction of landslide hazards in Hoa Binh province (Vietnam): A comparative assessment of the efficacy of evidential belief functions and fuzzy logic models. *Catena*, **2012**, 96, 28-40	5.8	289
15	Landslide Susceptibility Assessment in Vietnam Using Support Vector Machines, Decision Tree, and Naïve Bayes Models. *Mathematical Problems in Engineering*, **2012**, 2012, 1-26	1.1	280
14	Landslide susceptibility mapping at Hoa Binh province (Vietnam) using an adaptive neuro-fuzzy inference system and GIS. *Computers and Geosciences*, **2012**, 45, 199-211	4.5	267
13	Landslide susceptibility analysis in the Hoa Binh province of Vietnam using statistical index and logistic regression. *Natural Hazards*, **2011**, 59, 1413-1444	3	228
12	GIS-based modeling of rainfall-induced landslides using data mining-based functional trees classifier with AdaBoost, Bagging, and MultiBoost ensemble frameworks. *Environmental Earth Sciences*, **2016**, 75, 1	2.9	171
11	Shallow landslide susceptibility assessment using a novel hybrid intelligence approach. *Environmental Earth Sciences*, **2017**, 76, 1	2.9	165
10	Landslide susceptibility assessment in the Hoa Binh province of Vietnam: A comparison of the Levenberg-Marquardt and Bayesian regularized neural networks. *Geomorphology*, **2012**, 171-172, 12-29	4.3	136
9	Optimization of Causative Factors for Landslide Susceptibility Evaluation Using Remote Sensing and GIS Data in Parts of Niigata, Japan. *PLoS ONE*, **2015**, 10, e0133262	3.7	121
8	Regional prediction of landslide hazard using probability analysis of intense rainfall in the Hoa Binh province, Vietnam. *Natural Hazards*, **2013**, 66, 707-730	3	104
7	Tropical Forest Fire Susceptibility Mapping at the Cat Ba National Park Area, Hai Phong City, Vietnam, Using GIS-Based Kernel Logistic Regression. *Remote Sensing*, **2016**, 8, 347	5	86
6	A novel hybrid evidential belief function-based fuzzy logic model in spatial prediction of rainfall-induced shallow landslides in the Lang Son city area (Vietnam). *Geomatics, Natural Hazards and Risk*, **2015**, 6, 243-271	3.6	72
5	A novel hybrid artificial intelligent approach based on neural fuzzy inference model and particle swarm optimization for horizontal displacement modeling of hydropower dam. *Neural Computing and Applications*, **2018**, 29, 1495-1506	4.8	64
4	A Comparative Assessment Between the Application of Fuzzy Unordered Rules Induction Algorithm and J48 Decision Tree Models in Spatial Prediction of Shallow Landslides at Lang Son City, Vietnam. *Society of Earth Scientists Series*, **2014**, 87-111	0.6	23
3	Spatial Prediction of Landslide Hazard at the Yihuang Area (China): A Comparative Study on the Predictive Ability of Backpropagation Multi-layer Perceptron Neural Networks and Radial Basic Function Neural Networks. *Lecture Notes in Geoinformation and Cartography*, **2015**, 175-188	0.3	19
2	iGeoTrans – a novel iOS application for GPS positioning in geosciences. *Geocarto International*, **2014**, 1-16	2.7	6

1   An Integration of Least Squares Support Vector Machines and Firefly Optimization Algorithm for Flood Susceptible Modeling Using GIS **2018**, 52-64   1

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