

# Hans JÃrgen Henriksen

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,720  
citations

279487

23  
h-index

344852

36  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selecting among five common modelling approaches for integrated environmental assessment and management. <i>Environmental Modelling and Software</i> , 2013, 47, 159-181.	1.9	578
2	Methodology for construction, calibration and validation of a national hydrological model for Denmark. <i>Journal of Hydrology</i> , 2003, 280, 52-71.	2.3	301
3	Modelling guidelinesâ€“terminology and guiding principles. <i>Advances in Water Resources</i> , 2004, 27, 71-82.	1.7	300
4	Quality assurance in model based water management â€“ review of existing practice and outline of new approaches. <i>Environmental Modelling and Software</i> , 2005, 20, 1201-1215.	1.9	138
5	Public participation modelling using Bayesian networks in management of groundwater contamination. <i>Environmental Modelling and Software</i> , 2007, 22, 1101-1113.	1.9	138
6	Bayesian networks in environmental and resource management. <i>Integrated Environmental Assessment and Management</i> , 2012, 8, 418-429.	1.6	131
7	Assessment of exploitable groundwater resources of Denmark by use of ensemble resource indicators and a numerical groundwaterâ€“surface water model. <i>Journal of Hydrology</i> , 2008, 348, 224-240.	2.3	115
8	More is not always better: Coping with ambiguity in natural resources management. <i>Journal of Environmental Management</i> , 2011, 92, 78-84.	3.8	97
9	Reflections on the use of Bayesian belief networks for adaptive management. <i>Journal of Environmental Management</i> , 2008, 88, 1025-1036.	3.8	92
10	An evolutionary Bayesian belief network methodology for optimum management of groundwater contamination. <i>Environmental Modelling and Software</i> , 2009, 24, 303-310.	1.9	80
11	Stakeholder driven update and improvement of a national water resources model. <i>Environmental Modelling and Software</i> , 2013, 40, 202-213.	1.9	77
12	On the importance of appropriate precipitation gauge catch correction for hydrological modelling at mid to high latitudes. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 4157-4176.	1.9	73
13	Identification of Major Sources of Uncertainty in Current IWRM Practice. Illustrated for the Rhine Basin. <i>Water Resources Management</i> , 2008, 22, 1677-1708.	1.9	58
14	Transient modeling of regional groundwater flow using parameter estimates from steady-state automatic calibration. <i>Journal of Hydrology</i> , 2003, 273, 188-204.	2.3	56
15	Modelling of the shallow water table at high spatial resolution using random forests. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4603-4619.	1.9	53
16	Capture zone, travel time, and solute-transport predictions using inverse modeling and different geological models. <i>Hydrogeology Journal</i> , 2003, 11, 536-548.	0.9	46
17	Identification and analysis of uncertainty in disaster risk reduction and climate change adaptation in South and Southeast Asia. <i>International Journal of Disaster Risk Reduction</i> , 2016, 16, 208-214.	1.8	41
18	Participatory early warning and monitoring systems: A Nordic framework for web-based flood risk management. <i>International Journal of Disaster Risk Reduction</i> , 2018, 31, 1295-1306.	1.8	40

#	ARTICLE	IF	CITATIONS
19	Understanding the impacts of groundwater abstraction through long-term trends in water quality. <i>Water Research</i> , 2019, 156, 241-251.	5.3	35
20	Comparative reflections on the use of modelling tools in conflictive water management settings: The Mancha Occidental aquifer, Spain. <i>Environmental Modelling and Software</i> , 2010, 25, 1439-1449.	1.9	34
21	Use of Bayesian belief networks for dealing with ambiguity in integrated groundwater management. <i>Integrated Environmental Assessment and Management</i> , 2012, 8, 430-444.	1.6	29
22	Evaluation of a typical hydrological model in relation to environmental flows. <i>Journal of Hydrology</i> , 2013, 507, 52-62.	2.3	27
23	Harmonised Principles for Public Participation in Quality Assurance of Integrated Water Resources Modelling. <i>Water Resources Management</i> , 2009, 23, 2539-2554.	1.9	26
24	Resilience to natural hazards: An analysis of territorial governance in the Nordic countries. <i>International Journal of Disaster Risk Reduction</i> , 2018, 31, 1283-1294.	1.8	23
25	The application of a groundwater/surface-water model to test the vulnerability of Bracciano Lake (near Rome, Italy) to climatic and water-use stresses. <i>Hydrogeology Journal</i> , 2015, 23, 1481-1498.	0.9	19
26	Identifying Uncertainty Guidelines for Supporting Policy Making in Water Management Illustrated for Upper Guadiana and Rhine Basins. <i>Water Resources Management</i> , 2010, 24, 3901-3938.	1.9	17
27	High Resolution Water Table Modeling of the Shallow Groundwater Using a Knowledge-Guided Gradient Boosting Decision Tree Model. <i>Frontiers in Water</i> , 2021, 3, .	1.0	17
28	An evolutionary Bayesian belief network methodology for participatory decision making under uncertainty: An application to groundwater management. <i>Integrated Environmental Assessment and Management</i> , 2012, 8, 456-461.	1.6	16
29	Integrating groundwater stress in life-cycle assessments – An evaluation of water abstraction. <i>Journal of Environmental Management</i> , 2018, 222, 112-121.	3.8	10
30	Relating wellfield drawdown and water quality to aquifer sustainability – A method for assessing safe groundwater abstraction. <i>Ecological Indicators</i> , 2020, 110, 105782.	2.6	9
31	Hydrogeological Studies Integrating the Climate, Freshwater Cycle, and Catchment Geography for the Benefit of Urban Resilience and Sustainability. <i>Water (Switzerland)</i> , 2020, 12, 3324.	1.2	7
32	Assessing the impacts of climate change on hydrological regimes and fish EQR in two Danish catchments. <i>Journal of Hydrology: Regional Studies</i> , 2021, 34, 100798.	1.0	7
33	Environmental benefits and social cost – an example of combining Bayesian networks and economic models for analysing pesticide management instruments. <i>Hydrology Research</i> , 2007, 38, 351-371.	1.1	6
34	Brief Communication: CATALYST – a multi-regional stakeholder think tank for fostering capacity development in disaster risk reduction and climate change adaptation. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 2157-2163.	1.5	5
35	Designing a Hydrological Real-Time System for Surface Water and Groundwater in Denmark with Engagement of Stakeholders. <i>Water Resources Management</i> , 2016, 30, 1785-1802.	1.9	5
36	Bayesian belief networks as a tool for participatory integrated assessment and adaptive groundwater management: the Upper Guadiana Basin, Spain. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 0, 13, 69-72.	2.0	5

#	ARTICLE	IF	CITATIONS
37	An Initial Framework for Understanding the Resilience of Aquifers to Groundwater Pumping. Water (Switzerland), 2021, 13, 519.	1.2	3
38	A hydrological early warning system for Denmark based on the national model. Geological Survey of Denmark and Greenland Bulletin, 0, 33, 29-32.	2.0	2
39	Evolutionary Bayesian Belief Networks for Participatory Water Resources Management under Uncertainty. , 0, , 156-171.		0