

CITATION REPORT

List of articles citing

Catchment scale hydrological modelling: A review of model types, calibration approaches and uncertainty analysis methods in the context of recent developments in technology and applications

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Global Nest Journal, 2013, 13, 193-214.

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| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 29 | The influence of conceptual model structure on model performance: a comparative study for 237 French catchments. <i>Hydrology and Earth System Sciences</i> , 2013 , 17, 4227-4239 | 5.5 | 66 |
| 28 | Large-scale hydrological modelling by using modified PUB recommendations: the India-HYPE case. <i>Hydrology and Earth System Sciences</i> , 2015 , 19, 4559-4579 | 5.5 | 63 |
| 27 | SPHY v2.0: Spatial Processes in HYdrology. <i>Geoscientific Model Development</i> , 2015 , 8, 2009-2034 | 6.3 | 41 |
| 26 | Socio-hydrological modelling: a review asking "why, what and how?". <i>Hydrology and Earth System Sciences</i> , 2016 , 20, 443-478 | 5.5 | 106 |
| 25 | An open-source MEteoroLOGical observation time series DISaggregation Tool (MELODIST v0.1.1). <i>Geoscientific Model Development</i> , 2016 , 9, 2315-2333 | 6.3 | 25 |
| 24 | Planning for climate change impacts on hydropower in the Far North. <i>Hydrology and Earth System Sciences</i> , 2017 , 21, 133-151 | 5.5 | 32 |
| 23 | On the consistency of scale among experiments, theory, and simulation. <i>Hydrology and Earth System Sciences</i> , 2017 , 21, 1063-1076 | 5.5 | 4 |
| 22 | Modular Assessment of Rainfall Runoff Models Toolbox (MARRMoT) v1.2: an open-source, extendable framework providing implementations of 46 conceptual hydrologic models as continuous state-space formulations. <i>Geoscientific Model Development</i> , 2019 , 12, 2463-2480 | 6.3 | 39 |
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| 20 | Conceptual Models and Calibration Performance Investigating Catchment Bias. <i>Water (Switzerland)</i> , 2019 , 11, 2424 | 3 | 4 |
| 19 | Assessing the applicability of conceptual hydrological models for design flood estimation in small-scale watersheds of northern China. <i>Natural Hazards</i> , 2020 , 102, 1135-1153 | 3 | 1 |
| 18 | Cumulative Effects of Uncertainty on Simulated Streamflow in a Hydrologic Modeling Environment. <i>Elementa</i> , 2021 , 9, | 3.6 | 4 |
| 17 | The influence of conceptual model structure on model performance: a comparative study for 237 French catchments. | | 3 |
| 16 | Effects of land use and climate change on water scarcity in rivers of the Western Ghats of India. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 820 | 3.1 | 0 |
| 15 | Performance assessment of SWAT and HEC-HMS model for runoff simulation of Toba watershed, Ethiopia. <i>Sustainable Water Resources Management</i> , 2022 , 8, 1 | 1.9 | 1 |
| 14 | Assessing the Effect of Land-Use and Land-Cover Changes on Discharge and Sediment Yield in a Rural Coal-Mine Dominated Watershed in Kentucky, USA. <i>Water (Switzerland)</i> , 2022 , 14, 516 | 3 | 0 |
| 13 | A Calibration-Free Groundwater Module for Improving Predictions of Low Flows. <i>Water Resources Research</i> , 2022 , 58, | 5.4 | 0 |

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| 12 | Application of HEC-HMS for runoff simulation of Gojeb Watershed, Southwest Ethiopia. <i>Modeling Earth Systems and Environment</i> , | 3.2 | ○ |
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| 10 | Teaching hydrological modelling: illustrating model structure uncertainty with a ready-to-use computational exercise. <i>Hydrology and Earth System Sciences</i> , 2022 , 26, 3299-3314 | 5.5 | ○ |
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| 1 | Uncertainty quantification of machine learning models to improve streamflow prediction under changing climate and environmental conditions. 5, | | ○ |