



**Markus Hrachowitz**

**THE  
NETHERLANDS**

Markus Hrachowitz currently holds a position as Assistant Professor at the Delft University of Technology (NL), where he went to after doing five years of post-doc research at the University of British Columbia (CDN) and the University of Aberdeen (UK). His work focuses on improving the understanding how catchments store and release water and solutes with special focus on catchment-scale transport processes for the coupling of hydrological and water quality process understanding in integrated catchment models. This lead to the development of innovative methods and the establishment of techniques to improve the predictive power of catchment models. His work contributed towards an improved understanding of the need and the value of treating hydrology in a systems approach. In addition, his work also puts significant emphasis on the problem of predictions in ungauged basins. Using innovative strategies to more efficiently extract information from available data, he has demonstrated that even in data-scarce regions relatively reliable hydrological predictions can be achieved, which is of critical importance for sustainable water resources management in these regions.