

Hege HISDAL		
Function	Director, Hydrology Department	
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Key words	Hydrology, floods, droughts, climate change, climate change adaptation, climate services	
Areas of expertise		
<p>Administration: Department leadership, research leadership, project administration including PI in research projects, administrative positions in professional national and international societies</p> <p>Research topics: (i) Main field: Surface hydrology (ii) Other fields: Stochastic hydrology, flood and drought forecasting, hydrological modelling (iii) Current research interests: Climate variability and change, uncertainty, climate change adaptation</p> <p>Teaching: University courses in hydrology, supervisor for M.Sc. and Ph.D. students in hydrology</p> <p>Communication: Guest lecturer, invited speaker, frequent presentations to various stakeholder groups, including politicians, about climate and hydrological changes and climate change adaptation. Frequent appearances in mass media</p>		
Professional Background		
<p>Hege is a hydrologist. Her M.Sc. focused on floods, her Ph.D. on droughts, and her research has focused on hydrological extremes and their temporal and spatial variability. For the last 15 years, she has in particular focused on the application of hydro-meteorological and statistical models, methods and data to underpin hydroclimate services such as flood forecasting, estimation in ungauged river basins and climate change adaptation. She is responsible for the topics hydrology and natural disasters at the Norwegian Centre for Climate Services – and drove the development of county climate profiles that are used as a basis for climate change adaptation in Norwegian municipalities.</p> <p>Hege has led a number of research projects and in recent years she has been involved in an increasing number of transdisciplinary projects e.g. focussing on the association between extreme weather and waterborne illness and how to increase local adaptive capacity by planning and learning networks. At present she is responsible for communication, dissemination and the involvement of stakeholders in a project on terrestrial ecosystem-climate interaction funded by the Norwegian Research Council.</p> <p>Citation statistics: 3176 citations (1941 since 2014), H-index of 24, i10 index of 42 (Google Scholar 19.02.2020)</p> <p>Most recent publication: Samaniego et al. incl. Hisdal, H. (2019) Hydrological forecasting for improved decision making in the water sector in Europe. <i>Bulletin of the American Meteorological Society</i> https://doi.org/10.1175/BAMS-D-17-0274.1</p>		