

Dr Xiaodong Ming is a postdoctoral research associate in flood risk assessment. He graduated from Newcastle University with a PhD degree in 2019. His research interests cover both city-scale and catchment-scale flood modelling, risk assessment for compound flooding, and real-time flood forecasting.

Xiaodong is currently working on three UKRI-funded projects, Future-Drainage, Living Deltas Hub, and the newly funded FLASH21. His role in these projects includes urban flood modelling driven by the latest UKCP18 climate projections, the development of an integrated risk framework for delta Social-Ecological Systems (SEs), and catchment flood modelling in mountainous region.



Ms Xue Tong is a research associate in flood modelling. Her research interests cover real-time flood modelling and forecasting, non-point source pollutants, interactive dynamics of flooding and floating debris, and flood risk assessment.

Xue is currently working on the UKRI-funded project PYRAMID. Her main role in this project is to further develop the in-house flood modelling software HiPIMS for predicting at high resolution urban flood hydrodynamics interacting with floating debris and integrate the model with data streams from different sources to support dynamic near-real-time flood risk assessment.

