



The UK Centre for Doctoral Training in Water Informatics – Science and Engineering (WISE)

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Water informatics or hydro informatics is a discipline that seeks to take full advantage of the proliferation of in-situ and remotely sensed information from space or ground based sensors with increasing capabilities in terms of spatial, temporal and spectral resolution. Information and knowledge gained from data allows more efficient and reliable monitoring and management of the water cycle over time at global, regional and local scales. Water informatics deals with the intersection of ‘big data’ with ‘smart technologies’, to deliver more sustainable water solutions over these diverse scales.

WISE is a consortium of four UK Universities (Bath, Bristol, Cardiff, Exeter) with strengths in complementary areas of water informatics applications – water treatment, hydrology, hydraulics, and urban drainage. As such, WISE can offer a holistic view of the water cycle through the participating supervisors and instructors. WISE will in total recruit over 90 PhD students over a 5-year period.

We will present how WISE provides a 4-year PhD training program including periods of teaching and research, elements for continuous training of research-relevant skills, industry interactions, as well as international student placements. We will further discuss our experience so far, halfway through the program, based on frequent student responses.