



**British
Waterways**

Hydraulic / Hydrological Modeller

£22,700 – £30,000 p.a. depending on experience

National, based at Hatton

Your work will help us secure the future of our waterways

We're looking for a Hydraulic/Hydrological Modeller to join our Water Management team. As part of our small team, you'll apply your hydrological and hydraulic modelling expertise across a range of applications, from water resource planning and management to analysis of flood events.

Our 200-year-old canal network is vital to a healthy environment. Harnessing the best available modelling techniques, you'll contribute to our ground-breaking research into canal breach analysis and risk management. This is an opportunity to carry out hydrological and hydraulic studies on a variety of applications such as extending runoff sequences, culvert design, surface water discharges, water sales and marina applications. You'll help us to optimise water resources during droughts, and assess alternative water resources for the future. You'll also undertake fieldwork to analyse canal structures under various conditions, making sure that our methods are modern and compliant. Keeping an eye on emerging models being developed by other agencies, you'll always be ready to help us take on new and improved ways of working.

About You

We're looking for someone who's experienced and enthusiastic, ready to take on some exciting challenges. You will need a water or environment-related degree with previous experience in digital simulation modelling in hydrology or hydraulics. Ideally, you'll also be chartered or working toward chartered status, with an appropriate professional body such as CIWEM. A full driving licence is essential.

About British Waterways

British Waterways is custodian of 2,200 miles of the country's canals and rivers; British Waterways' (BW) role is to maintain the waterways for the benefit of the nation and to protect them for future generations. Our vision is that in 200 years' time the waterways will still be playing a vital role in the health, wealth and well-being of the nations they serve. Our mission is to have by 2020 a thriving, sustainable waterway network cherished by a public that shares a deep sense of responsibility for its wellbeing.

We offer a competitive salary and 5 weeks annual leave along with a range of other benefits.

Please note vacancy reference number 00312 when applying.

Submit your application online at: <http://www.britishwaterways.candidata.co.uk/>

Closing date for applications: midday 17th February 2012

[British Waterways](#) wants to reflect the diversity of the communities in which it operates. We welcome applications from all sections of the population.