



# Practical solutions, technical know-how

## Water engineering and management

Our understanding of catchment behaviour and rigorous evaluation of data enable robust decision making, delivered by integrating engineering, hydrology and environmental management.

Halcrow's hydrologists are recognised internationally for their innovative approach and drive to provide effective and efficient solutions.

We use a range of data analysis techniques and modelling tools, tailored to each client's needs and making best use of available data, predictions of future behaviour and evaluation of management options.

Halcrow specialises in planning, design and management services for infrastructure development worldwide. We employ over 7,000 people around the world, including over 75 dedicated hydrologists.

We are the number-one provider of flood-risk management solutions to the UK's Environment Agency.

### Our services

Halcrow's areas of specialist expertise cover core hydrological disciplines and complementary services.

Drawing together skills from our specialist engineers, geographers, GIS analysts, mathematicians and statisticians, we successfully deliver commissions in:

- river basin planning
- flood risk management
- flood forecasting and warning
- water cycle studies and surface water management plans
- reservoir safety
- drought plans
- catchment abstraction plans
- deployable output (yield) assessments
- hydropower studies
- irrigation and drainage
- hydro-ecology
- climate change and sustainability

### Contact us

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