



## meeting the needs of communities

Capita Symonds work with Government, local authorities and private companies to develop sustainable flood risk and water management solutions.

### Sample projects:

#### Drain London SWMP

Lead consultant for the Drain London consortium developing guidance, SWMPs and PFRAs for a number of London Boroughs.

#### Flood Forecasting Model

Development of an integrated catchment flood forecasting model for the River Wye in England and Wales.

#### North West Future Thresholds Project 2010

Setting trigger levels and establishing first property to flood for 21 Environment Agency FWAs in North West Region.

#### Dover Midtown Flood Risk Appraisal

Fully integrated fluvial, tidal and surface water modelling for the town of Dover.

#### Barrow in Furness Coastal Framework

Asset survey, condition survey, design and remedial works and maintenance works and NFCDD data entry.

#### Avonmouth Severnside SFRA

Review and update of the SFRA for this key industrial area alongside the Severn Estuary.

#### Cuckmere Estuary Options Study

A hydraulic modelling and geomorphology study assessing potential impacts of different management options for the future of the estuary.

### Key skills:

- Flood Forecasting
- Coastal Studies
- Flood Hydrology
- Low Flows
- Hydrometrics
- Gauging Station and Rating Reviews
- 1D, 2D and 3D Hydraulic Modelling
- CFD
- Flood Incident Management
- Trigger Level Setting and Flood Warning
- Individual Property Protection Schemes (IPP)
- Surface Water Management Plans
- Fisheries and Hydroecology
- Wetland Hydrology
- SFRAs, SFCAs and PFRAs
- Training
- FRAs and FCAs
- Emergency Flood Plans

### Contact:

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