

# **Water resource management research activities**

- **Research groups in the Department of Geography and the School of Biological & Chemical Sciences**

- \* **Hydrological, Hydrochemical & Fluvial Processes Research Group**

- \* **Ecology & Behavioural Biology Research Group: Aquatic Ecosystems research theme**

- **Interdisciplinary research centre (CATE - Centre for Aquatic and Terrestrial Environments).**

## **Hydrological, Hydrochemical & Fluvial Processes Research Group**

**... an inter-disciplinary research group which aims to improve understanding of the hydrological, geomorphological and chemical processes in freshwater, wetland and estuarine environments.**

## **Ecology and Behavioural Biology Research Group - Aquatic Ecosystems research theme**

**... population and community ecology, empirical and theoretical aspects of food web structure and function, the application of stable isotopes to aquatic ecology, biogeochemical processes and studies of acidification and eutrophication. Leading experts in the biogeochemistry and ecology of estuaries, coastal margins and salt marshes.**

# Water resource issues in lowland permeable catchments



See “Making space for water and plant life” <http://nerc.ac.uk/research/programmes/locar/results>

Recent collaborative research through CATE has centred on lowland, groundwater-fed rivers under NERC’s LOCAR thematic programme focusing on the role of plants in the trapping and retention of fine sediments and sediment-bound contaminants; and the biogeochemical processes in trapped sediments and the production of greenhouse gases.

# ***Making Space for Water* and restoration of urban rivers: Channel RestOration in Contaminated Urban Settings (CROCUS)**

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**see [www.theRRC.co.uk](http://www.theRRC.co.uk) for  
details**



**River Brent, Tokyngton Park, North London**