

Geographic Information Systems (GIS) for the Catchment-Based Approach

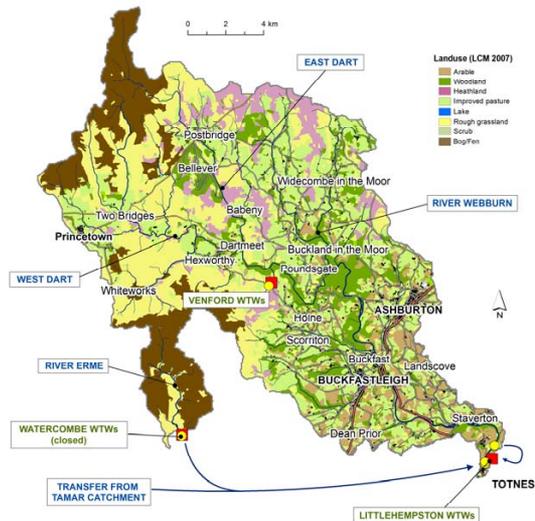
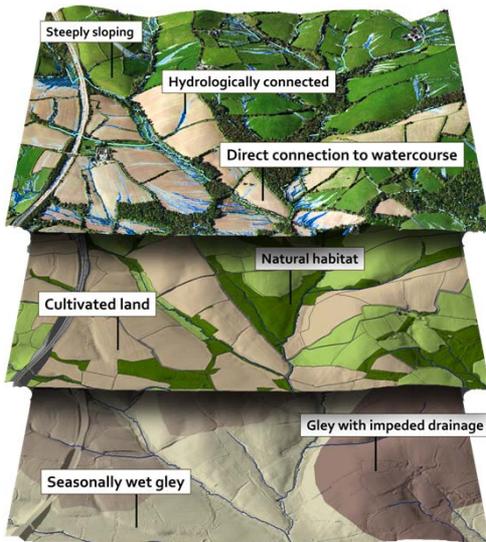
To encourage and facilitate the collation, management and interpretation spatial data and evidence by CaBA partnerships, we have developed a series of intensive GIS short-courses specifically tailored to develop and disseminate best practice and technical GIS skills in practitioners engaged in catchment management planning, landscape ecology, fisheries science, river restoration, ecology and conservation.

Introduction Geographic Information Systems for the Catchment-Based Approach 13th July – 14th July 2015

The 2-day Introductory Course is designed for complete beginners or those wanting refresher. This specialist course, designed specifically for environmental professionals, will cover the fundamental principles and techniques of GIS and, most importantly, will summarises its potential applications in the Catchment-Based Approach through a series of case studies and worked examples. The course has been designed to give environmental practitioners a comprehensive 'step-by-step' introduction to the industry standard GIS software package, ESRI's ArcGIS™, and to equip them with the technical skills and expertise required to start incorporating the use of GIS into their catchment partnership planning activities and/or their work as a professional in the environmental sector.

Advanced Geographic Information Systems for the Catchment-Based Approach 15th – 16th July 2015

The 2-day Advanced Course builds on the core GIS lessons by introducing some more advanced techniques. The subject areas covered in this course include: advanced creation and editing of spatial data; professional map production; complex spatial queries using selection, geoprocessing and spatial joins, and an introduction to raster-based spatial analysis techniques such as interpolation, density, topographical and hydrological analysis. The course also examines the use of spatial analysis techniques in suitability, priority and opportunity mapping for conservation strategy development. It also includes a number of case studies that illustrate the application of GIS in the environmental sector – these make the training relevant and ensure that trainees learn both the technical step-by-step methods for using GIS, but also develop their awareness of how GIS can be used.



Book a place...



Courses will be held in the state-of-the-art IT training suite at the University of Reading. The cost of each 2-day course will be £400 (£290 for charities/non-profit/academic organisations).

All training resources and refreshments during each training day will be provided.

For more information about the courses contact the trainer Dr Nick Paling – nick@wrt.org.uk

To reserve a place on one, some or all of the courses contact Dr Graham Holloway g.j.holloway@reading.ac.uk