

# Geographic Information Systems (GIS) for ecologists and conservation practitioners

**Geographic Information Systems (GIS) have become a powerful and flexible tool used by ecologists and conservation biologists engaged in a wide variety of disciplines.**

The University of Reading is offering short courses in GIS focusing on the specific needs of ecologists and conservationists.

Training will be conducted using state-of-the-art research hardware and software facilities available at one of the leading universities in the South of England.

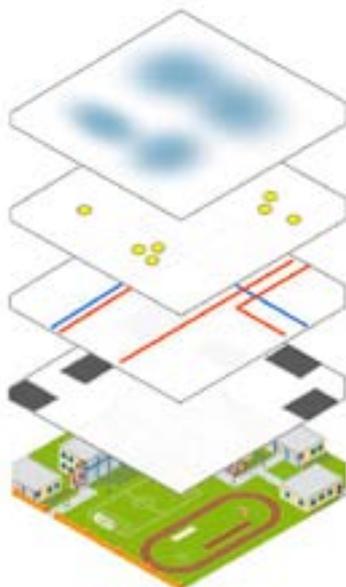
**'The Advanced GIS for Ecologists course was invaluable in unlocking the power of ArcGIS to carry out in-depth spatial analyses. Taught in a clear and concise fashion, the course used ecologically relevant examples to illustrate many important functions. I thoroughly recommend it.'**

**Dr Mark Steer (Somerset Wildlife Trust), 2010 course participant.**

## Introduction to Geographic Information Systems for Ecologists

**28 and 29 March 2011**

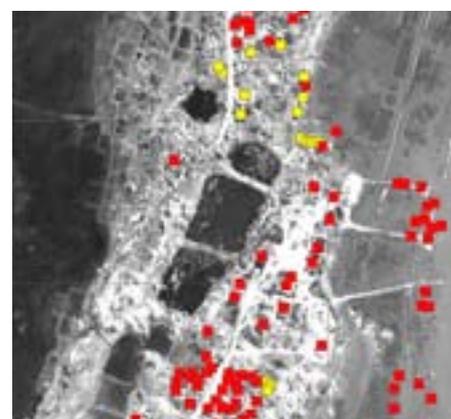
This course focuses on the fundamental principles and techniques of GIS and summarises its potential applications in ecology and conservation. A combination of classroom-based and practical sessions will be followed to provide trainees with a good basic knowledge of the industry standard GIS software package ESRI's ArcGIS™ ([www.jncc.gov.uk/page-4258](http://www.jncc.gov.uk/page-4258)). The course will equip trainees with the technical skills and expertise required to start incorporating the use of GIS into their ecological research and practical conservation activities.



## Advanced Geographic Information Systems for Ecologists

**30 and 31 March 2011**

The advanced course will run for two days consecutive to the Introduction Course and is designed to extend the GIS skills of trainees by introducing them to some of the more advanced techniques in GIS. The subject areas covered in the advanced course will include creating and editing spatial data, advanced map production, an introduction to geoprocessing and an introduction to spatial analysis.



Above: Example of a GIS distribution plot

Left: GIS dynamic layering of features

## Book your place now

The cost of each course will be £400. Handbooks containing more information on the topics covered, examples and exercises are included in the fee. Discounts for charities and multiple bookings.

For more information contact  
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