

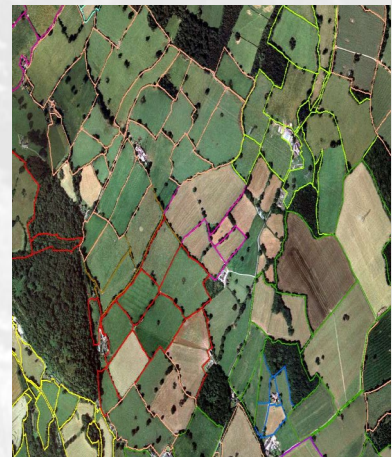
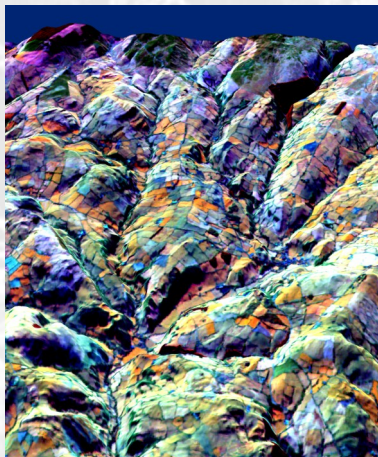
Mapping Your Environment

an approach using earth observation

Environment Systems, working with the University of Wales Aberystwyth, has developed techniques for classifying habitats using earth observation and terrain data. The approach is centred on a user defined rule base applied to multi spectral satellite and airborne imagery, elevation models and other supporting geographic information.

The approach includes the use of NEXTMap Britain, a digital terrain model of Great Britain, together with Quickbird, SPOT 5, DMC, Aster or Landsat imagery. This menu of information sources is integrated and the ecological rules can be applied to generate habitat classification maps delivered at a scale defined by a combination of your specification and the type of imagery chosen. Compared with traditional mapping methods this gives you;

- mapping of large areas in a short time frame
- significantly reduced field checking, providing cost savings
- utilizes the most accurate 3-D and earth observation datasets
- consistent ecological rules applied



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