

Geog 2002: Environmental Monitoring Techniques

Dr Pete Langdon, Dr Julian Leyland,
Dr Gareth Roberts

In a nutshell

This is an integrated unit focussed around the management and impact of river restoration in the New Forest. You will undertake background research and fieldwork on the Highland Water catchment in the New Forests. This is followed by running modelling scenarios relating to how changes in land cover affects hydrology, and how altered flow affects changes in sediment bedload yield.

Course structure

Lectures, fieldwork (x2 full days), practicals, all based around small group work.

Course assessment

Group report relating to the effects of vegetation change and channel restoration on bedload sediment yield (50%); exam (50%).

Employability

Students will learn practical skills working in groups such as collecting field data on stream flow, channel morphometry and vegetation cover, as well as modelling techniques, data analyses and interpretation. Ideal for anyone interested in environmental management careers.

The Student View

“I thought the module is brilliant, content is good, pace is good, delivery is good, the fieldwork is excellent, and all the statistics. Really loved it.”

