



Postgraduate Workshop

Contaminants and Sediments: Assessment, Remediation and Implications for Water Quality Management.

Course Leaders

Dr. Kevin G. Taylor (Manchester Metropolitan University)

Dr. Philip N. Owens (National Soil Resources Institute, Cranfield University)

Dates: May 25th and 26th 2004

Venue: MMU, Manchester

This course is for postgraduate students in earth sciences, physical geography, environmental sciences, and related disciplines. There is no registration fee for students associated with BSRG, BGRG or BSSS (although attendees will need to cover their own travel and accommodation where appropriate). The aim of the workshop is to give an introduction to the rapidly growing field of sediment and contaminated sediment management and its implications for river basin management.

The course will assume a basic knowledge of sediment, soil and water systems. It is intended to appeal to those who wish to gain a knowledge of the issues and practices associated with contaminated sediments, and the implications for the EU Water Framework Directive and Soil Thematic Strategy. It will be valuable to both those planning a career in the environmental sector or those planning to carry out further research into sediment-water systems.

The course will include:

- Identification of the sources of contaminants to sediments.
- Sediment supply to river basins through soil erosion and other sources.
- Sediment-bound nutrient inputs.
- Characterisation of contaminated sediments.
- Legislation and guidelines on sediment contamination.
- Risk assessment methodologies.
- Remediation of contaminated sediments.
- Sustainable management of sediments and contaminants in river basins.
- Impact of contaminated sediments upon the implementation of the EU Water Framework Directive and other associated policies.

The course will focus on the river basin scale (which will include some coastal and estuarine environments), as this is the hydrological unit defined in the EU Water Framework Directive. Examples of sediment assessment, remediation and management will be used.

For more information and a registration form contact:

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