

ICWRER conference, Koblenz 2013

Session abstract

Title: Addressing the catchment sediment management challenge

Convener: Prof. Adrian Collins

Co-conveners: to be defined

The need to incorporate sediment management in catchment planning is now widely recognised with improving understanding of the pivotal role of erosion and sediment delivery in diffuse pollution problems and their detrimental impacts on ecosystem services. Targeted sediment management in river basins requires robust information on source apportionment, delivery pathways and budgets, meaningful thresholds for compliance assessment and an understanding of the technical feasibility for reducing current or projected pressures using mitigation methods and intervention schemes currently supported by policy instruments and alternative payments. This session welcomes contributions from scientists, consultants and policy makers working on all aspects of understanding river catchment sediment budgets, compliance standards, impacts on aquatic ecology and the efficacy of mitigation methods or programmes.