



What's controlling the release of dissolved organic carbon to streams?

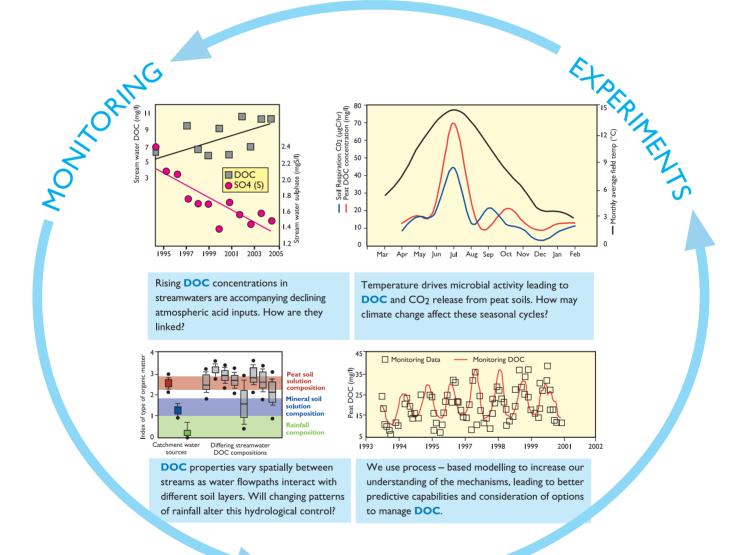
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Why is this of concern?

Recent increases in amounts of natural **dissolved organic carbon (DOC)** in surface waters in Scandinavia, central Europe, UK and northeast USA are affecting aquatic biota, associated with contaminant transport and challenging the water treatment industry. In Scotland 83% of drinking water comes from surface waters where contact with soils increases DOC contents and colouration. In 2005 86% of complaints to Scottish Water concerned water colouration.





MODELLING

Looking to the future

A combined monitoring, experimental (field and laboratory) and modelling framework provides a comprehensive methodology to better understand this complex environmental problem and aid predictions under changing environmental conditions.



