



The  
Geological  
Society

*serving science & profession*



North West Regional Group  
CIWEM North West & Wales

# Meeting

Thursday 4th December 2013

## The Water Framework Directive and Groundwater within the North West

by Laura Pender

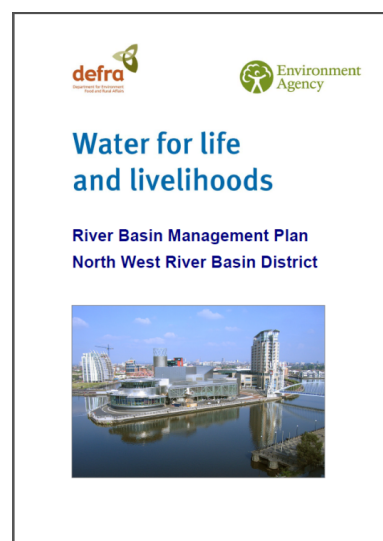


Laura Pender is a hydrogeologist working as a Technical Specialist within the Environment Agency's Greater Manchester, Merseyside and Cheshire Groundwater and Contaminated Land Team. Laura is also a member of the Committee for the North West Regional Group of the Geological Society.

The Water Framework Directive underpins environmental legislation within the UK. This talk will focus on the WFD and groundwater within the North West. Recapping the aims and objectives of the WFD and how groundwater is "classified", this talk will give an overview of the current chemical and quantitative status of groundwater within the North West and what has happened since the last River Basin Management Plan was published in 2009.

On the groundwater quality side the significant water management issue of diffuse agricultural pollution and nitrate in groundwater will be discussed.

From a groundwater resources perspective the forthcoming changes to the abstracting licensing regime, known as "new authorizations" and the state of groundwater resources within the North West will be explained.



Venue: Williamson Lecture Theatre, Manchester University, Oxford Road, Manchester M13 9PL (map link) <http://www.manchester.ac.uk/medialibrary/maps/campusmap.pdf>

Time: Prompt 6:30pm start.

CPD: *These events may be considered for contributing to a recognised Continuing Professional Development (CPD) scheme as part of personal development. Delegates should check their individual scheme requirements.*

For further information contact the Group Secretary, Nik Reynolds at: [geologicalsociety.northwest@gmail.com](mailto:geologicalsociety.northwest@gmail.com)