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AGENDA

Catchment Management for Water Quality - Forum Workshop 2

29th October 2014

10:00 – 16:15

Etc Venue – One Drummond Gate

(Pimlico underground / Victoria Station – maps overleaf)

The key aim of the day is to discuss with Forum Members where we have got to in terms of designing Case Studies to represent the key catchment management questions raised by different user groups so far.

As future users of the modelling framework and its outputs, we would like your input to help flesh out more detail on the Case Studies proposed, so that the project is designed to suit your requirements. We also welcome experience and knowledge contributed from the modelling community to help us bring appropriate data and models together in such a way to demonstrate the value of integrating these data and models for use by catchment management policy makers, planners and practitioners.

As you may already know, some limited funding is available to facilitate inclusion of specific data and models if necessary; during the day we will be providing details of the funding assessment criteria and how to submit bids to this resource.

10.00	Tea, Coffee and refreshments	
10.30	1. Introduction and what we would like to achieve from the day	Bridget Emmett (CEH) as project lead will recap the project and set out the objectives of the day
10.45	2. What's been happening since the last workshop in July?	Claire Allaway (Atkins) and Jannette MacDonald (JHI) will give an update on how we used the information from Workshop 1 to get us to the draft Case Studies we will be discussing today
11.00	3. What are the draft Case Studies that being considered for this project?	Peter Daldorph (Atkins) & Andy Wade (University of Reading) will present the draft Case Studies as they currently stand (see page 2 of this agenda). We will then divide into 6 small groups so that everyone has the opportunity to contribute more detail to these Case Studies.
12.30	4. Feedback from the Case Study Session	The Case Study leads from the consortium will feedback the key points from the breakout sessions; we will collectively discuss and add any further points from the audience before agreeing and finalising the Case Studies together.
13.00	LUNCH - Over lunch you will have a chance to approach members of the consortium team and ask questions, look at the outputs from the different group sessions on Case Studies, and catch up with colleagues.	



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1400	5. Summary of models already made available in the Consortium	Jack Cosby (CEH) will give a quick overview of the modelling capability already offered by the Consortium, and how these models could be used in relation to the Case Studies discussed.
1420	6. Summary of data requirements of catchment management models	Matt Fry (CEH) will give an overview of the data that we have available that could be used in conjunction with the models presented previously by Jack.
1440	7. Forum discussion on models and data.	Following on from Jack and Matt's presentations on the consortium data and models that could be used to answer some of the questions in the Case Studies, we will open the discussion to the wider forum to help identify and discuss any thematic gaps in the model and data capability. We will be looking to the modelling community for help in closing these gaps.
15:00	8. Cataloguing and evaluating the usefulness of catchment management models	Andy Wade from University of Reading will be providing some information on how we will be evaluating the models and datasets that are relevant to this project.
1515	Tea & Coffee	
1530	9. Community funding criteria	Bridget Emmett will be providing some more information on the scope of the Community Fund, how to put in a bid to this resource and the outline assessment criteria.
16.00	10. Wrap up and Close by 1615	Bridget Emmett & Robert Willows

Draft Case Studies for discussion

No.	Title
1	Are pollution control measures cost effective? An assessment of costs and benefits of mitigation measures to reduce nitrate concentrations in river-systems.
2	Are pollution control measures future proof? An assessment of the effectiveness of pollution control measures under scenarios of climate and land cover change at the catchment scale.
3	Are pollution control measures likely to affect other ecosystem functions? An assessment of the effects on biodiversity and other ecosystem services of measures designed to improve water quality at the catchment-scale.
4	Can results of pollution control measures be reliably estimated at local scales? An assessment of the uncertainty in ecological responses to phosphorus control measures at the river basin scale.
5	Can results of pollution control measures be reliably estimated at national scales? An assessment of the uncertainty in effectiveness of measures to reduce nitrate concentrations at the national scale.
6	How are estimates of the effectiveness of pollution control measures affected by quality and quantity of data? An assessment of the effects of input data uncertainty (scale and source) on national scale assessments of water quality (and other ecosystem services and biodiversity)



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