



UK exposure model scoping project

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Aims of the project - 1

- How is EUSES used for particular purposes, and what alternative models are available?
- Evaluate how it could be improved, considering UK relevance (including user interface)

Aims of the project - 2

- Evaluate changes in environmental risk under different risk management/climate change scenarios
- Consider inclusion of a UK-specific GIS layer?
- Make recommendations for model development and validation

Work plan

- Began April, will finish September 2018
- Project team: Centre for Ecology and Hydrology, in partnership with Lancaster University and York University
- Structured interviews with stakeholders to help prepare for this workshop
- Report drafting following this workshop and further analysis

Links to ECHA project

- Close collaboration with ECHA and their contractor
- We will not duplicate the work ECHA is doing, and see this as a complementary project with a UK-specific focus
- Any recommendation on modifications to EUSES will be passed to ECHA

Initial findings

- Ensuring auditability
- More intuitive data input interface and outputs
- Improvement of emissions estimation
- Sensitivity analysis
- Little cross-government working on models – existing models were developed for specific regulatory frameworks

Thanks for your kind attention

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