



Local flood risk research roadmap

Project Summary SC130005/S

The local flood risk roadmap, prepared by Halcrow for the Environment Agency, identifies a programme of research projects to address science, knowledge, sharing of best practice and capacity building.

The roadmap builds upon the 2009 Integrated Urban Drainage framework and was developed with reference to the Sustainable Drainage Systems roadmap, the Living with Environmental Change roadmap and the Working with Natural Processes framework to ensure research projects will complement rather than duplicate efforts.

The roadmap was developed with the collaboration of the local flood risk management community and involved many organisations and individuals from both the public and private sectors. Discussions, two workshops and an online survey have helped define the needs of the local flood risk management community and generated ideas for possible research projects.

More than 300 proposed research ideas were filtered to avoid duplication and were prioritised to focus on the most important and most urgent over the next five years. The projects were also grouped together into research topic areas.

After this process, over 30 practitioner-focused research projects (short term) and 15 strategic research questions (medium to long term) were identified.

The roadmap report considers the research landscape and gives brief details on the other roadmaps and frameworks mentioned above. There are sections on defining the outcomes of research and the methods used to identify and prioritise research needs. The final list of practitioner-focused research projects is provided as both a figure and a table. These identify when, over the next five years, the project would ideally be undertaken and how long it might be expected to undertake the work. This information is supplemented by more details for each project, including costs and collaborators, the purpose of the project, why the research is needed and the difference it will make.

We need continued close collaboration with the local flood risk research community and so the report includes an engagement plan that sets out steps for how this collaboration should work within the five-year lifetime of the roadmap.

This summary relates to information from the following project:

Report: SC130005/R

Title: Local flood risk research roadmap

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