

David Seaman

Environment and Rural Affairs
Department

Air, Climate and Engineering Division

Scottish Executive National Flooding Framework

Avoidance, Alleviation, Assistance

and

Awareness: Improving the tools for flood risk management

UK CES

- include Scotland.
- involvement of Scottish Environment Protection Agency.
- involvement of consultants (Babtie).
- a mechanism for the professional community to be informed and party to the first use of a modelling tool which enables rivers and their flow to be modelled with greater accuracy.
- ensure role out and knowledge.
- National Technical Advisory Group.

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pilot tester comments

- useful training, refresher in ISIS (I was a bit rusty!).
- the extensive online pictorial database to reference channel roughness against is a great benefit; I have been using it on day to day work - it is far superior to reference sources I previously had access to.
- the software is easy to use and provides an excellent windows based package for river engineers and modellers to estimate roughness and conveyance of channels.

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pilot tester comments

- it is fairly intuitive and straightforward I did not perceive there being a great problem in 'retrofitting' to existing ISIS models.
- I have also tried to disseminate the research via some Flood Liaison and Advise Groups, to raise awareness of this approach (and to also highlight the dangers of inappropriate use of roughness values in flood level estimation). It proved quite useful for non technical people (planners esp !) using the database of images.

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pilot tester comments

- the roughness estimator is easy to use and provides an excellent menu and picture driven system to assist users in selecting appropriate roughness values for their case, we have some reservations regarding default roughness values included in the system.
- the conveyance estimator is also easy to use and provides an excellent menu and picture driven system to assist users.

Contact:

david.seaman@scotland.gsi.gov.uk

0131 244 4937