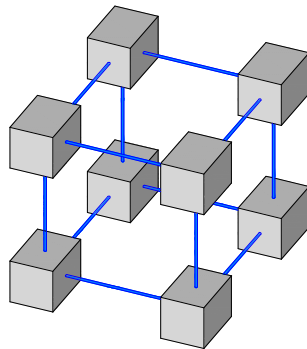


Flood Studies Update: Work Group 6 – Publication and Dissemination of the Flood Studies Update

Category: Flood Risk Management



Description:

Work Group 6 of the Flood Studies Update Programme is the body of work that focuses on the publication and dissemination of the outputs of the Flood Studies Update. It will pull together the methodologies developed within the Research Contracts and result in the development of a suite of flood estimation tools. The FSU will be made available as a freely available, web-based applications portal that will provide access to these flood estimation tools.

It is proposed that the FSU online system will comprise four core elements:

(i) Front-end Interface

Having passed through a Registration page, the Front-end Interface is the first thing that the user will see. This will include direct links to (a) the FSU Guidance Handbook, (b) Technical Research Reports, (c) Online Stepwise Guidance and, most importantly, (d) a search facility for a Site-of-Interest for a flood estimation calculation.

(ii) Documentation

It is currently envisaged that the Documentation for the FSU will fall into two categories: (i) FSU Guidance Handbook and (ii) Technical Research Reports.

(iii) Datasets

All relevant datasets will be available to download from the system, as well as providing the supporting database for online flood estimation. The datasets prepared in the course of the FSU research that will be available online include Physical Catchment Descriptors, Spatial (GIS) Data layers and Hydro-/Meteorological Data.



(iv) Applications

The Applications of the FSU website form the main body of the system. The main applications will include implementation of all methodologies developed in the course of the FSU research.

Implementation:

The preparation of the elements have been broken into constituent Work-packages for WG6. These will then form individual Contracts to be undertaken, either externally by Contract, or in-house by OPW. The current proposal is that this work will be structured and managed as follows:

WP6.1 – Alpha Testing of methodologies from research contracts

WP6.2 – IT Coding and Front-end Interface (System Development/Design)

WP6.3 – Data Cleansing & Post-processing (and Licensing Issues)

WP6.4(a) – Guidance Handbook

WP6.4(b) – Technical Research Reports

WP6.5 – Beta (β) Testing of Website

For further information about this work, please contact: oliver.nicholson@opw.ie

Design Team:

The OPW is responsible for the specification, procurement and direct management of the Flood Studies Update Programme, with technical direction provided by a Technical Steering Group, comprising representatives of the primary state / semi-state organisations involved with hydrology, hydrometric monitoring and associated research in Ireland, viz. OPW, Met Éireann, Environmental Protection Agency, Electricity Supply Board, IHP / ICID National Committee, and has two technical experts.

Construction Team:

Contract awarded in October 2012.

Dates:

Work Group 6 of the Flood Studies Update Programme is expected to be completed by mid to late 2013.