



## CRUE European Research Area Network (ERA-Net)

### Project Summary SC080005

The CRUE European Research Area Network (ERA - Net) was set up to improve the coordination of European flood research programmes and funding initiatives. The network has 12 partner organisations from 10 different countries. These organisations have funded research projects aimed at increasing the resilience of communities to flooding.

This project summary reports on the second phase of CRUE funding (from 2009) which resulted in a €2.6 million, three-year research programme with a focus on managing the consequences of flooding and increasing community resilience to flooding. Seven pan-European collaborative projects were selected for funding. The main findings of the three projects part funded by Defra and the Environment Agency are outlined below.

#### **FIM FRAME (SC090013) – Flood Incident Management, a FRAMEwork for improvement**

This project developed a framework, known as the 'FIM FRAME method' to help in the production and revision of emergency flood plans by local authorities. The framework involves 22 'metrics' that allow emergency plans to be assessed and their fitness-for-purpose quantified. The report details the tools developed to support the production and improvement of emergency plans including checklists, guidance documents, methods and software.

#### **DIANE-CM (SC090014) – Decentralised integrated analysis and enhancement of awareness through collaborative modelling and management of flood risk**

Collaborative modelling is an interactive and iterative process where traditional activities to involve and communicate with interested people and groups are continually complemented by computer modelling and communication tools. Work in the UK focused on the Cranbrook catchment in Greater London. It used computational river models and a web - based collaborative platform to interact with the public and flood management professionals.

#### **RISK MAP (SC090015) – Improving flood risk maps as a means to foster public participation and raising flood risk awareness**

RISK MAP worked with members of the public and professional bodies from Austria, France, Germany and the UK to improve the content and visualisation of flood maps. Interviews and workshops were held to identify shortcomings in existing flood maps and to better understand the specific needs of different organisations and groups of people. The project produced recommendations for future flood maps and 'idealised' maps for different map users.

This summary relates to information from project SC080005. Detailed reports from all seven projects and an overall synthesis report of the CRUE research can be download from:

<http://www.crue-eranet.net/publications.asp>

**Internal Status:** Released to all regions

**External Status:** Publicly available

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