

2nd ERA-Net CRUE Research Funding Initiative

Flood Incident Management – A FRAMEwork for improvement – FIM FRAME



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Objectives

The objectives of the project are:

- ◀ To assess the effectiveness of flood incident management plans in the UK, the Netherlands and France
- ◀ To evaluate tools that are used for flood incident management planning
- ◀ To establish how these tools can be used to improve emergency management plans

Deliverables

The project will produce:

- ◀ A framework for flood incident management
- ◀ A guidance document on models and tools for improving flood incident management planning

Development of the framework

The five principles of information management theory developed by Dyer and Mayon-White will be used to develop the framework. These are:

- ◀ Data and information
- ◀ Roles and responsibilities
- ◀ Processes and procedures
- ◀ Tools and technologies
- ◀ Audit and control

Case studies

The framework will be piloted in three case studies:

- ◀ Orb and Gard River basins, France
- ◀ The city of Dordrecht, The Netherlands
- ◀ The city of Sheffield in South Yorkshire, UK

Different types of floods will be considered in each case study:

- ◀ Fluvial floods in the River Orb and Gard River basins
- ◀ Coastal floods in Dordrecht
- ◀ Floods caused by dam failure in Sheffield

The results from the case studies will be used to revise and improve the framework



The Great Flood of Paris, France, 1910



St Elisabeth's flood, The Netherlands, 1421



East coast flood, Essex, UK, 1953

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Literature Cited
Dyer B., Mayon-White B., (1997). Principles of Good Practice for Information Management; British Standards Institute ISBN 10: 0580268551

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