

2nd ERA-Net CRUE Research Funding Initiative

CRUE ERA-NET aims to introduce structure within the area of European Flood Research by improving coordination between national programmes. The vision for the CRUE ERA-NET action on flooding is to develop strategic integration of research at the national funding and policy development levels within Europe to provide knowledge and understanding for the sustainable management of flood risks. The 1st call for proposals focussed on research related to "Risk assessment and risk management: Effectiveness and efficiency of non-structural flood risk management measures". The results from the ERA-Net CRUE Funding Initiative can be downloaded from <http://www.crue-eranet.net/publications.asp>.



With its 2nd Research Funding Initiative "Flood Resilient Communities – Managing the Consequences of Flooding", CRUE aims to

- further integrate the European Research area to support the implementation of national and European policies on Flood Risk Management (FRM),
- develop evidence and innovation required to underpin sustainable flood risk management across Europe, reducing the potential for duplication of research effort,
- improve the integration of knowledge and to develop further the systematic exchange of information and good practice on flood management and research.

Seven joint research projects with case study areas all over Europe are funded (see overleaf for further information).

The CRUE funding initiative is accompanied by a scientific coordination project performed by alpS GmbH, Innsbruck, Austria and by the University of Potsdam, Germany.

(*) Source of cartographic background: Liuzzo, D. (2006): http://commons.wikimedia.org/wiki/File:Europe_location.png#filelinks (last access: 3 November 2011)

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DIANE-CM: Decentralised Integrated Analysis and Enhancement of Awareness through Collaborative Modelling and Management of Flood Risk

Main objectives:

- Introduce innovative methods of risk quantification and participation in a public dialogue
- Improve flood hazard and risk maps and near real time flood forecast
- Increase preparedness of local communities in flood risk management due to collaborative modeling
- Test the developments in two selected case studies for a feature of 'good governance'

Webpage: <http://www.leuphana.de/en/mariele-evers/forschung-projekte/diane-cm.html>, Funding: BMBF, EA, MinVenW

FIM FRAME: Flood Incident Management – A FRAMEwork for improvement

Main objectives:

- Assess the effectiveness of flood incidence management plans in the UK, the Netherlands and France
- Evaluate tools that are used for flood incidence management planning
- Establish how these tools can be used to improve emergency management plans

Webpage: <http://www.fimframe.net/index.html>, Funding: Joint Defra/EA FCERM Programme, MEEDDM

FREEMAN: Flood REsilience Enhancement and MANagement: a pilot study in Flanders, Germany and Italy

Main objectives:

- Identify factors, strategies and measures that increase flood resilience
- Provide guidance on the operational use of flood resilience into flood risk management (FRM)
- Provide practical policy recommendations to aid the implementation of the EU Floods Directive

Webpage: <http://www.feem-project.net/FREEMAN/index.php>, Funding: Flanders Hydraulics Research, ISPRA, BMBF

IMRA: Integrative flood risk governance approach for improvement of risk awareness and increased public participation

Main objectives:

- Development of a methodology for an integrative concept for participatory flood risk management
- Validate the concept by application to three case studies
- Discuss the results with scientific experts and disseminate to policy and decision-makers, as well as to a wider public

Webpage: <http://www.imra.cnr.it/>, Funding: BMLFUW, BMBF, ISPRA

RISK MAP: Improving Flood Risk Maps as a Means to Foster Public Participation and Raising Flood Risk Awareness: Towards Flood Resilient Communities

Main objectives:

- Develop appropriate stakeholder participation processes
- Improve the content of risk maps by considering social, economic and environmental risks
- Improve the visualisation of flood risks in order to produce user-friendly risk maps
- Provide quantitative information related to the content of risk maps

Webpage: <http://www.risk-map.org/>, Funding: BMBF, Defra, BMLFUW, MEEDDAT

SUFRI: Sustainable Strategies of Urban Flood Risk management with non-structural measures to cope with the residual risk

Main objectives:

- Evaluate the recent situation with projected structural measures to detect weak spots in the technical system, infrastructure as well as in the crisis coordination
- Provide a tool to characterize residual flood risk in urban areas to reduce flood risk
- Evaluate current national practice with regard to flood communications and flood understanding by application of five case studies to establish potential improvements

Webpage: <http://www.sufri.tugraz.at/>, Funding: BMLFUW, Gov. of Styria, WLW, MICINN

URFLOOD: Understanding Uncertainty and Risk in communicating about FLOODs

Main objectives:

- Investigate and communicate how flood risk communications are incorporated into the knowledge systems of different actors
- Evaluate current practice with regard to flood communications and uncertainty against existing good practice criteria to establish potential improvements

Webpage: <http://www.macaulay.ac.uk/urflood/index.php>, Funding: Scottish Gov., ISPRA, MMM, OPW, EA, Defra