



Centre for Research on the  
Epidemiology of Disasters  
**CRED**  
A WHO Collaborating Centre



# Building resilience to disasters amongst communities in Europe - **emBRACE**

**Prof. Debarati Guha-Sapir**

**Centre for Research on the Epidemiology  
of Disasters – UCLouvain, Brussels**

**[www.cred.be](http://www.cred.be)**



# emBRACE - Facts

- Starting date: 01/10/2011
- Duration : 4 years
- EU Contribution: 3,243,243 Euro
- 10 partners from 6 countries
- Website: [www.embrace-eu.org](http://www.embrace-eu.org)



## emBRACE - Partners

Organisation	Country	Principle Scientific Contact Person
Centre for Research on the Epidemiology of Disasters (CRED) – Université catholique de Louvain (UCL)	BE	Prof. Debarati Guha-Sapir <a href="mailto:debby.sapir@uclouvain.be">debby.sapir@uclouvain.be</a>
University of Northumbria at Newcastle (UoN)	UK	Dr. Maureen Fordham <a href="mailto:Maureen.fordham@unn.ac.uk">Maureen.fordham@unn.ac.uk</a>
King's College London (KCL)	UK	Dr. Mark Pelling <a href="mailto:Mark.pelling@kcl.ac.uk">Mark.pelling@kcl.ac.uk</a>
United Nations University Institute for Environment and Human Security (UNU-EHS)	DE	Dr. Joern Birkmann <a href="mailto:birkmann@ehs.unu.edu">birkmann@ehs.unu.edu</a>
Accademia Europea per la Ricerca Applicata ed il Perfezionamento Professionale Bolzano (EURAC)	IT	Dr. Stefan Schneiderbauer <a href="mailto:Stefan.schneiderbauer@eurac.edu">Stefan.schneiderbauer@eurac.edu</a>
Helmholtz-Zentrum fuer Umweltforschung GMBH – UFZ (UFZ)	DE	Dr. Christian Kuhlicke <a href="mailto:Christian.kuhlicke@ufz.de">Christian.kuhlicke@ufz.de</a>
University of York (SEI-Y)	UK	Dr. John Forrester <a href="mailto:john.forrester@york.ac.uk">john.forrester@york.ac.uk</a>
Stockholm Environment Institute, Oxford Office and Stockholm	UK/ SWEDEN	Dr. Richard Taylor <a href="mailto:richard.taylor@sei.se">richard.taylor@sei.se</a> Dr Åsa Swartling <a href="mailto:asa.swartling@sei.se">asa.swartling@sei.se</a>
Swiss Federal Institute for Forest, Snow and Landscape Research WSL (WSL)	CH	Dr. Corina Höppner <a href="mailto:hoepfner@wsl.ch">hoepfner@wsl.ch</a>
Middle East Technical University (METU)	TR	Dr. Ayse Nuray Karanci <a href="mailto:karanci@metu.edu.tr">karanci@metu.edu.tr</a>



# emBRACE - Objectives

1. Identify the key dimensions of resilience across a range of disciplines and domains;
2. Develop indicators and indicator systems to measure resilience concerning natural disasters events;
3. Model societal resilience through simulation experiments;
4. Provide a general conceptual framework of resilience, 'tested' and grounded in cross-cultural contexts;
5. Build networks and share knowledge across a range of stakeholders;
6. Tailor communication products and project outputs and outcomes effectively to multiple collaborators, stakeholders and user groups.



# Policy takeup of scientific research

## **In defence of scientists –**

*you can take a horse to the water but you cant  
make him drink*

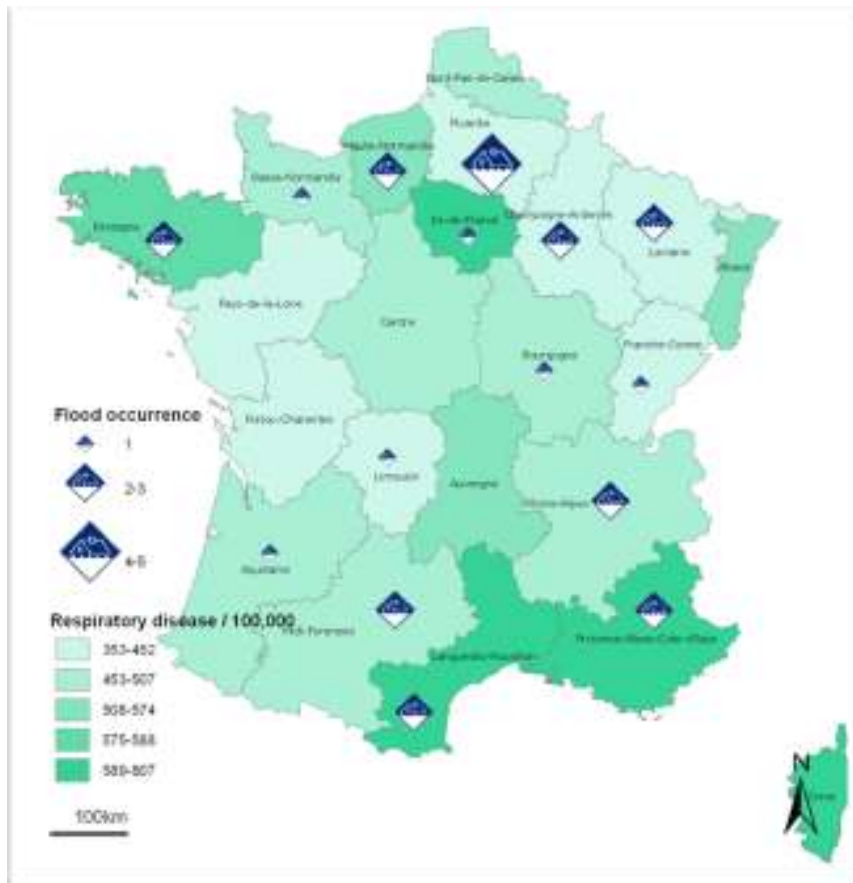
## **In defence of policy makers –**

*We are lay people with little time, so can you cut  
the jargon*

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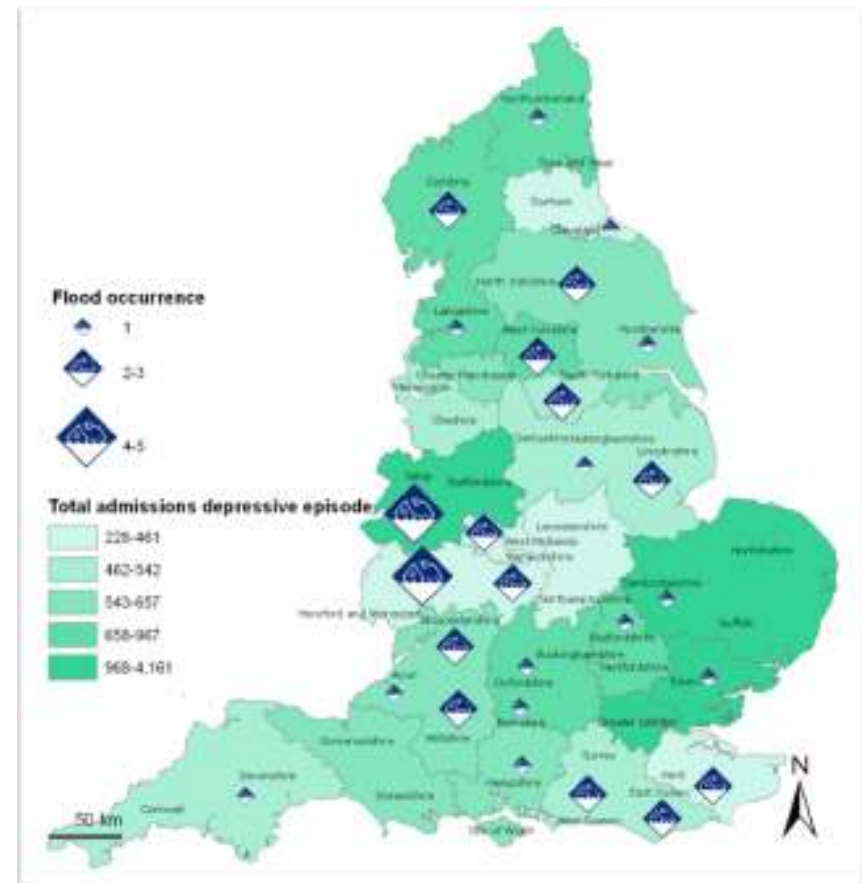


### France – MICRODIS PROJECT



Flood occurrence from 2000–2009 on admin1 level and respiratory disease per 100,000 inhabitants (2008). Sources: EM-DAT, Eco-Santé

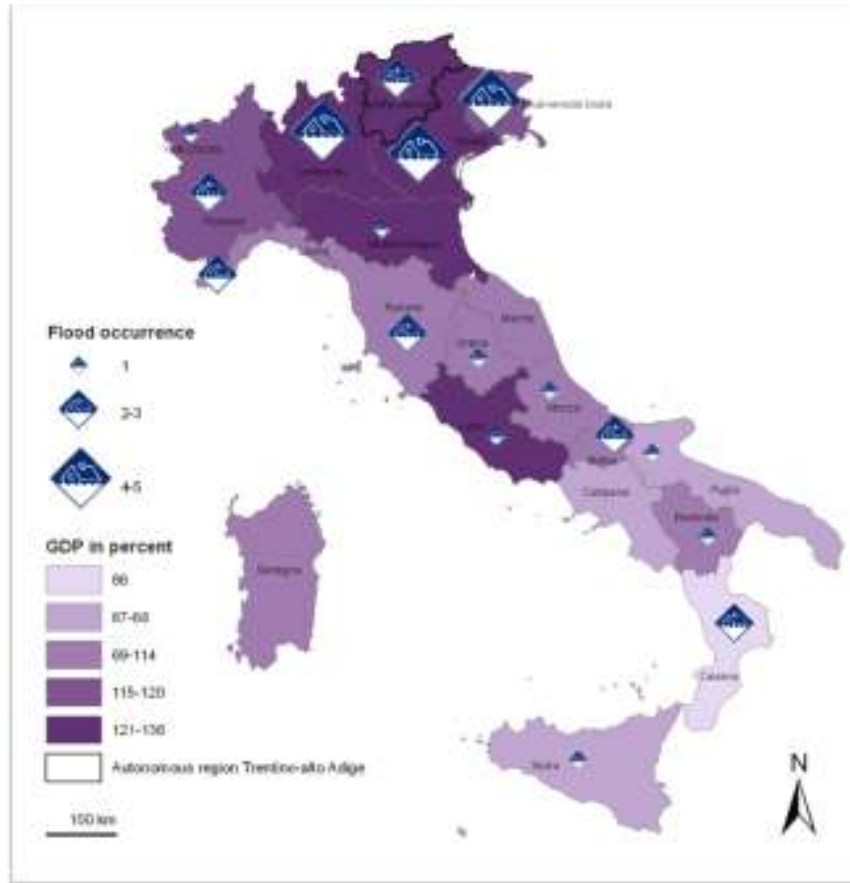
### United Kingdom- MICRODIS PROJECT



Flood occurrence from 2000–2009 on admin2 level and total admissions for depressive episode 2005–2006 on SHA level. Sources: EM-DAT, NHS

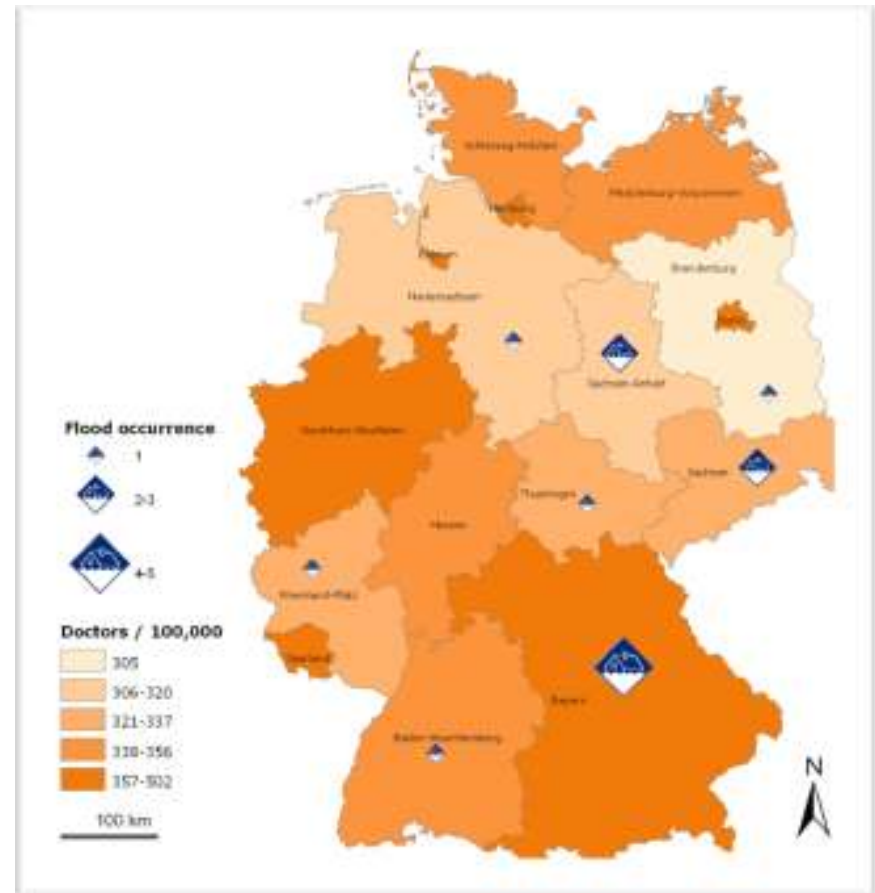


### Italy – MICRODIS Project



Flood occurrence from 2000–2009 and GDP (2007) as a percentage of the EU average on admin1 level, except the autonomous Region Trentino-south Tyrol, which is displayed on admin2. Sources: EM-DAT, Eurostat

### Germany – MICRODIS Project



Flood occurrence from 2000–2009 and number of doctors per 100,000 inhabitants (2006) on admin1 level. Sources: EM-DAT, Eurostat



## What we hope to do

- Identify existing fora at pan European levels where research results can be funnelled in
- Establish dialogue with technical staff of policy makers
- Produce policy briefs regularly and disseminate widely including to lobby groups





# Evidence and reason

## *Lessons we have learnt*

Well argued positions are better

Clear and pragmatic policy options can cut to the chase

Quantitative evidence can have more impact than narratives



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# THANK YOU

[www.embrace-eu.org](http://www.embrace-eu.org)

**Natural Disaster Database – EMDAT**

**[www.emdat.be](http://www.emdat.be)**

**General information**

**[www.cred.be](http://www.cred.be)**

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