

# IRDR Data Project:

## Summary of Activities

November 2013-June 2014

### Project Members:

#### Co-Chairs:

**Susan L. Cutter,**

University South Carolina

**Daniele Ehrlich,**

EU Joint Research Centre

**Sisi Zlatanova,**

Delft University

Bob Chen, CIESIN (Columbia University)

Regina Below, CRED (University of Louvain)

Lucia Bevere, Sigma (SwissRe)

Daniele Ehrlich, EU Joint Research Centre

Jan Eichner, NatCatService (MunichRe)

Julio Serje, DesInventar (UNISDR)

Adam Smith, NCDC/NOAA

Wei-Sen Li, National S&T Center for Disaster Reduction

Maria Patek, Austrian Government

Sisi Zlatanova, Delft University

Frederic Zanetta, IFRC

Ricardo Zapata Marti, Eclac Cepal

Francis Ghesquiere, World Bank

# Project Goals

**DATA is about improving the infrastructure of loss data globally and locally**

- Identify quality of existing data and data needs for improving integrated disaster risk management
- Bring together loss data stakeholders to identify common issues and develop synergies
- Develop standards/protocols to minimize data uncertainty
- Define “losses” and create transparent methodologies for assessing them
- Advocate for loss data at sub-national geographies
- Educate users on database biases and data interpretation

# Third Expert Meeting

May 19-21, 2014

Ispra, Italy

Hosted by European Commission  
Joint Research Centre



Joint Meeting with EU Loss Data Experts (May 21, 2014): Representatives from European Commission Humanitarian Office, and the UK, Romania, Slovenia, Greece, Italy, France, Portugal, Sweden, Germany, and Portugal

## **Attendees:**

Susana Adamo, CIESIN

Regina Below, EM-DAT

Lucia Bevere, SwissRe

Daniele Ehrlich, EU JRC

Jan Eichner, MunichRe

Julio Serje, UNISDR

Adam Smith, NCDC/NOAA

Susan Cutter, U South Carolina

Sisi Zlatanova (Delft)

Hongey Chen, Taipei

Tom DeGroeve, EU JRC

Maryam Golnaraghi, WMO

Karmen Poljansek, EU JRC

Emily So, Cambridge Univ.

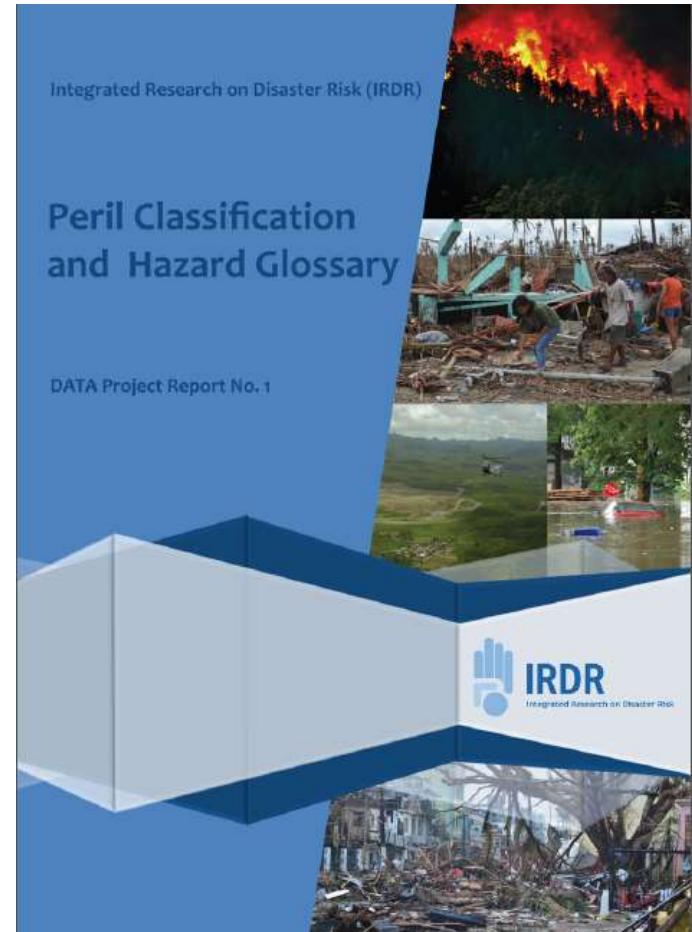
Rudolf Schmidt, Austrian Govt.

Pascaline Wallemacq (CRED)

# Accomplishments

## Peril classification published (March 2014)

- Currently being used in EU in development of disaster loss databases
- Positively reviewed by WMO; will meet with their technical group to clarify definitional issues



# Highlights

- Reconciling existing data bases to peril classes more difficult than expected, but being undertaken by all primary database providers (EM-DAT, Swiss Re, MunichRe, UNISDR-DesInventar, SHELDUS)—should be done by end of 2014
- May revise peril classification based on WMO, WHO, UNESCO review and implementation test
- Review of loss estimation methodologies (Swiss Re, MunichRe, UNISDR)
- Joint session with EU Loss Data Technical Workshop (trying to establish minimum common fields for loss reporting at EU level)
- Will provide conceptual framework for human impacts based on CRED/MunichRe/SwissRe white paper using simplified schema and definitions—should be done by September 2014

# Next Steps

- Identified need to draft guidance and standardized indicators and definitions of economic losses
  - Develop guidance for normalization options/procedures when displaying loss information, uncertainty in loss data
  - IRDR take the lead in providing a methodological framework for compiling future loss databases—minimum requirements for temporal and spatial coverage, input variables based on JRC proposal
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- Proposed meeting in Sept-Nov in Brussels (hosted by EU and CRED)
  - Proposed meeting in March-May in Munich (hosted by MunichRe)