



EUROPEAN COMMISSION
JOINT RESEARCH CENTRE
Institute for the Protection and Security of the Citizen
Global Security and Crisis Management Unit

Loss Data Systems in the EU

Second technical workshop on an EU approach for recording loss data
Preparatory notes and draft agenda

Workshop

Venue: Joint Research Centre of the European Commission, Ispra, Italy

Dates: 13-14 February 2014

Purpose and objectives

The purpose of the workshop is to create an inventory of loss data recording systems in EU Member States, compare technical specifications, and explore opportunities for standardization.

The specific objectives are:

- Have concise technical presentations on the data structures and methodologies to collect loss data
- Identify common approaches and areas that need further standardization
- Understand current limitations and identify the best opportunities for improvement
- Form an informal technical working group to develop an EU loss data standard

To drive technical discussions, a challenge is put forward for the workshop: share summary data in prescribed formats at EU level. Participants are encouraged to prepare data and material to fulfill the challenge, and report on difficulties they encountered and solutions they opted for.

Expected participants

The meeting is at technical level.

- Government agencies of EU Member States responsible for collecting loss data (including Spain, Italy, Slovenia, Belgium, Netherlands, UK, Croatia and others)
- Academic, non-government or private organisations collecting loss data for EU countries (including CRED, GEM, (re)insurance)

Organisations with an interest in global loss data standards may participate as observers.

Draft agenda - Second technical workshop on an EU approach for recording loss data

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13 February 2014 - Overview of Loss Data Systems

9:00 Arrival at JRC

9:30 Welcome

10:00 Introduction of workshop and participants

Elements of loss data: hazard, element at risk, loss

11:00 Review of existing Loss Data Systems in the EU

Presentations by participants on technical details of their system

Lunch

13:30 Review of existing Loss Data Systems in the EU (continued)

16:00 Discussions on technical issues including:

Uncertainty handling, Georeferencing of hazard and loss, Peril classification, Unique event identifier, Loss data fields

17:00 Adjourn

14 February 2014 - Common technical standards

9:30 Process to an EU Standard for Loss Data

- Minimum standards
- Experimental data sharing
- Informal technical working group

Lunch

13:30 Setting the roadmap

- Work plan of informal technical working group

15:00 Conclusions

16:00 Adjourn

Preparations

Participants are requested to share technical documentation and examples or full catalogues of loss data records, as well as summary statistics.

The deadline for providing the material is 31 January 2014.

The material can be provided by email or through other means. Please contact JRC for details.

Technical documentation

Please provide an overview of the database structure and a description of the data fields if available (English if available, but other languages are accepted).

Catalogue (full or extract)

Please provide an export of the loss data catalogue in one of the following formats:

- Tables: Excel
- Relational databases: SQLServer, MySQL, PostGRES or Access
- Spatial databases: SQLServer, ESRI Shapefile or geodatabase

Summary statistics

With reference to the summary table proposed in the JRC report on page 51 (Table 9), participants are requested to compile the following data as an example:

- Total loss for the whole country by hazard type from 2000 to 2014 (format: graph)
- Average annual flood (or another hazard type) loss per NUTS2 level (province) by loss owner (format: a series of maps). Loss owner categories are: government, business, individual, insurer
- Total loss for the whole country by sector and by year (format: table)
- List of top 10 municipalities by total loss in 2010 (format: table)

For each item, also an uncertainty assessment may be included (e.g. upper/lower bounds).

Participants are requested to take note of difficulties, approximations, assumptions or other issues they encountered for this task. In case the exact data cannot be produced, an approximation is welcome. Feel free to contact us for discussing options.

More information

Please consult the workshop website for additional information and the latest updates <http://drr.gdacs.org/LossDataWorkshop2014> or contact tom.de-groeve@jrc.ec.europa.eu.

Practical details and instructions for registration will be available on the website shortly.