

2017. March, 16th - 17th. Brussels, Belgium

Presentation of the
project

CASCADING EFFECTS CONFERENCE

Snowball 

Understanding, modelling and managing cascading effects in crises.

Joint conference of projects funded by the European Union's Seventh Framework Programme:
CascEff, CIPRNet, FORTRESS, PREDICT and **SnowBall**.

Presentation of the project

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When the tools and services are used by the decision maker ?

Long term preparedness (X months before)

Short term preparedness (X days before)

Just before

Risk & Scenario Identification

Impacts assessment

Simulations refinement if needed
Alert & Information Campaign execution

Providing the Snowball's services to assist the decision maker (UCL, EMAUG, LUPT, FHG)

Simulation refinement according the last forecast

Cascading Effects Simulation Tool & Snowball Simulation Browser

Decision Algorithm: evaluation of alternative evacuation measures

Measure	Frequency
EVC_anteEQ1_anteEQ2	~100
EVC_anteEQ1	~200
No Mitigation	~300

Cascading Effects Simulation Tool & Snowball Simulation Browser

Coupled grids simulation Analysis, Vulnerability detection and Mitigation strategy

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Social Network analyses: First Storm

1590 Posts, 1485 Users, 2010-02-27 - 2010-03-08

Twitters analysis on the light of the past crises

- Sentiment analysis
- Emotion detection, Behaviour detection.

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Twitters capture

- Sentiment analysis
- Emotion detection, Behaviour detection.

Pre-crisis management on the light of the past crises:

- First responder's feedbacks,
- Social networks analysis

Subscriber Statistics

Emergency Alert System Alert campaign, Call scripting

SETUP PHASE

Category	Count
Number of subscribers who confirmed the message	492
Number of subscribers that answered, but did not confirm (main and additional). Probably an answering machine.	2140
Number of subscribers that did not answer yet (main and additional).	1758
Number of subscribers selected in the campaign	4390
Number of subscribers that left a message on the Teledial system	0

Subscriber Statistics

Emergency Alert System Alert campaign execution

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Thank you for your attention

Snowball



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