



EU Civil Protection Mechanism

Risk & Emergency Information Management

Marieta Koleva
DG Humanitarian Aid and Civil Protection
European Commission





- Framework for cooperation in disaster response, preparedness and prevention
- Natural and manmade disasters
- Inside and outside EU
- European Commission + 32 Participating States (EU 28, NO, LI, IS, fYRoM)





- Framework for cooperation in disaster response, preparedness and prevention
- Natural and manmade disasters
- Inside and outside EU
- European Commission + 32 Participating States (EU 28, NO, LI, IS, fYRoM)
- **Emergency Response Coordination Centre (ERCC)**



EU Civil Protection Mechanism:

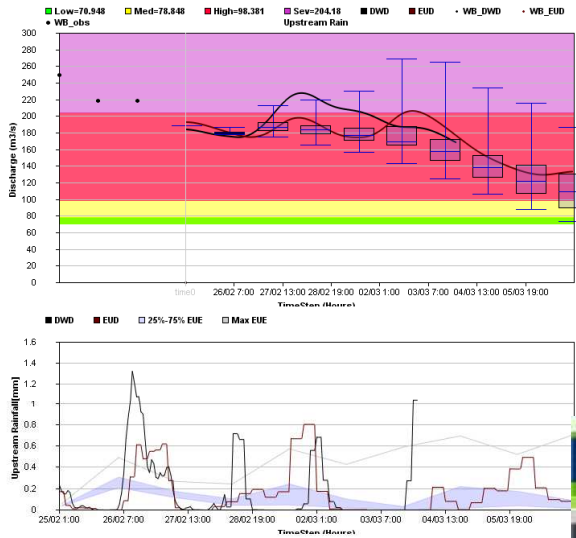
- Common Emergency Communication and Information System (CECIS)
- Europe-wide monitoring tools and sharing of early warnings
- Coordination of disaster response during emergencies
- Sharing of national risk assessment analysis
- Improving the knowledge and data base on risks and disasters
- Council Conclusions on risk, emergency and crisis communication (Dec 2011)
- Guidelines for good practice in disaster prevention including public awareness



Monitoring tools

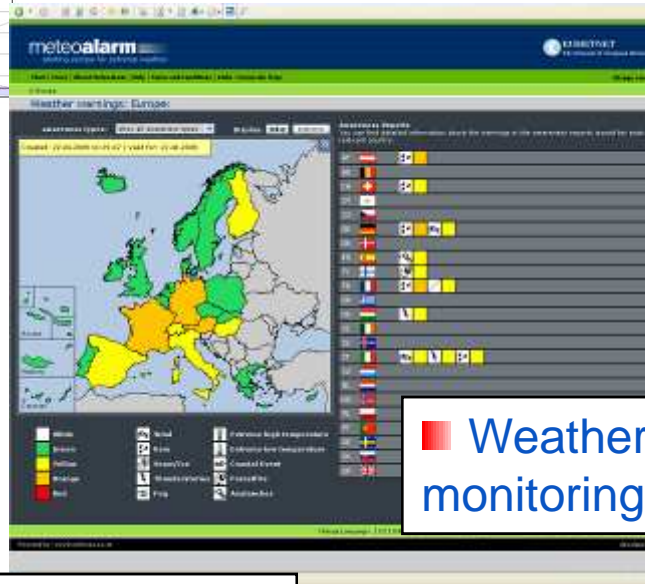
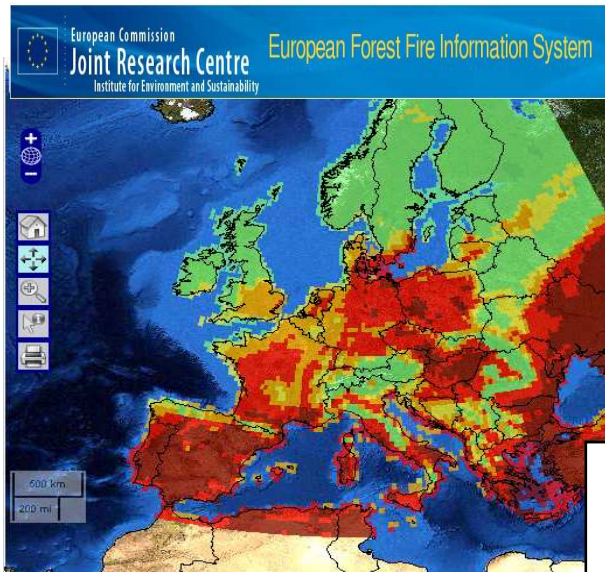


Flood forecasting

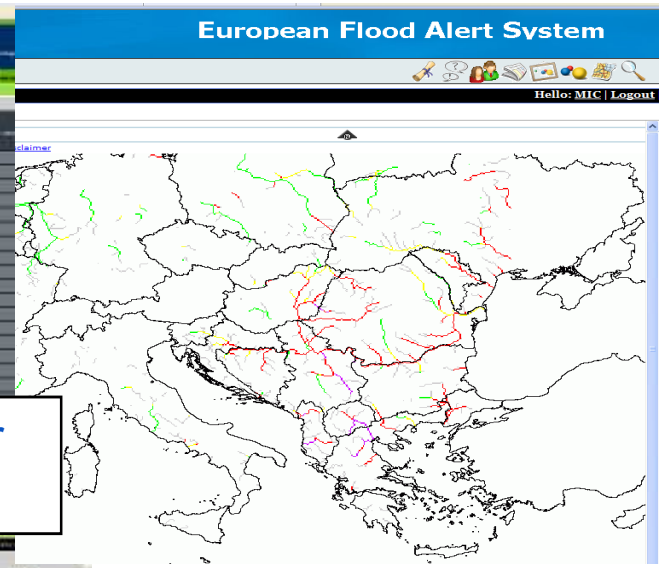


GDACS - Global Disaster Alert And Coordination System

Flood alerts



Weather monitoring



Fire forecasting

& Civil Protection

Common Emergency Communication and Information System (CECIS)



The screenshot shows the CECIS Emergency Synopsis page. The main content area displays the following information:

- Country: JAPAN - JP
- Emergency Name: Earthquake north of Japan
- Cause of Event: Natural disaster
- On-Site: 04/10 23:43 - Asia/Tokyo

A table titled "Earthquake north of Japan (JAPAN, JP) - Requests Overview" is visible, showing request details:

Request Country	Resource Type	Resource Mission	Need	Offering Country	Offered	Accepted
HCC / JAPAN	Helicopt	Medium urban search a	999			
[Creation Date:2011/03/11 14:37:47 UTC] 03/11 14:37 UTC - Japanese Ministry of Foreign Affairs has informed us that they are going to ask for search and rescue team and support assets.						
HCC / JAPAN	Experts	Helicopter Experts	7			
[Creation Date:2011/03/11 15:07:30 UTC] 03/11 15:07 UTC - Coordination and assessment team composed by: 1 Team Leader, 1 Deputy Team Leader, 3						



- Exchange of information
- Reporting of operations
- Offers for assistance
- Acceptance of assistance

Humanitarian Aid

Information products



ECHO FLASH

European Commission/ Humanitarian Aid and Civil Protection

ECHO Flash

Significant events of the last 24 hours 06/07/2011

Puyehué Volcano Eruption – Argentina technical co-operation mission (ECHO)

- On 5 July, the joint UNEU team participated in a number of preparatory meetings in Buenos Aires: with the UN Deputy Resident Coordinator Defence and Armed Forces and MoFA; with CONAE (National space agency); and with the Governor of Neuquen province.

Libya civil unrest (IOM)

- As of 4 July, a total of 610,619 migrants crossed Libya's borders, including 291,095 TCNs (48% of total crossings)
- ICOM and its partners have assisted 150,565 TCNs to their country of origin so far. The total caseload in need of evacuation at the Libyan borders
- The 11th rotation of an IOM-chartered evacuation ship is expected to land in Misrata on 7 July and arrive back in Benghazi around 9 July. The ship

Wild fires in US (FEMA)

- North Carolina Emergency Operations Center notified Region IV Watch Center of an active wildfire in Cumberland and Bladen County. The fire has
- In New Mexico, the Las Conchas Fire has consumed 1,700 ha and is 27% contained. Mandatory evacuations remain in effect for Banderilla evacuations remain in effect for the town of White Rock and Cochiti.

Forest Fires in Europe (CP authorities from the Participating States, EFFIS)

- In South Western France, three forest fires are active.
- High risk of forest fires in Western Spain. In the North, one forest fire is active.

Weather alerts in Europe (Meteoalarm- orange alerts)

- Thunderstorms are foreseen in the central regions of Italy.

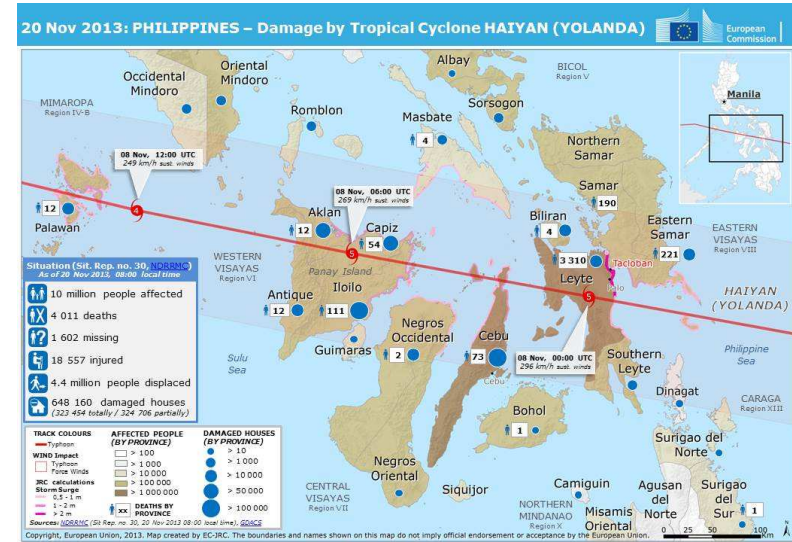
Floods reported by National services (EFAS)

- No reported floods by National services during the last 24 hours.

EFAS forecasts of 2011-07-06 12:00 UTC

- EFAS does not predict severe flooding in Europe for the next days.

ECHO/ERCC Portal



Daily maps

European Community Civil Protection Mechanism

Disaster Watch

Monitoring / Alert

Emergency Operations

HIC Operations

Rapid Assessment tools

Media Resources

Latest documents

ECHO Crisis Reports

European Commission / Humanitarian Aid and Civil Protection

ECHO CRISIS REPORT

Argentina – Volcano Eruption
MIC message no. 2

Date: 2011/06/28; Time: 18:00:00 UTC

Status	Request for assistance	From MIC to Civil Protection contact points
MIC contact	Marieta Koleva / Asta Mackeviciute MIC Duty Officers	Telephone: +32 2 29 22222 Fax: +32 2 29 90525 E-mail: echo-mic@ec.europa.eu
Event	Argentina – Puyehue volcanic eruption	Type: Environmental Pollution
Occurrence	Date: 20/06/2011	Time: 19:59 UTC
Situation	<p>Request for assistance</p> <p>On 20 June, the MIC was informed by the Joint UNEP/OCHA Environment Unit (JEU) in Geneva of an official request for assistance by the Ministry of Interior of Argentina in dealing with the impact of the eruption of the Puyehue volcano in neighbouring Chile. JEU has requested the EU Civil Protection Mechanism to provide experts in geology/lahar and environmental pollution to take part in a technical cooperation mission team. This will be a UN-led mission with Mechanism experts as associated members.</p> <p>Mechanism participation</p> <p>Argentina has now confirmed the composition of the technical cooperation mission team to be deployed to the country – 5 experts in total. The selected experts nominated through the EU CP Mechanism are:</p>	

EU guidelines on risk assessment and mapping from 2010

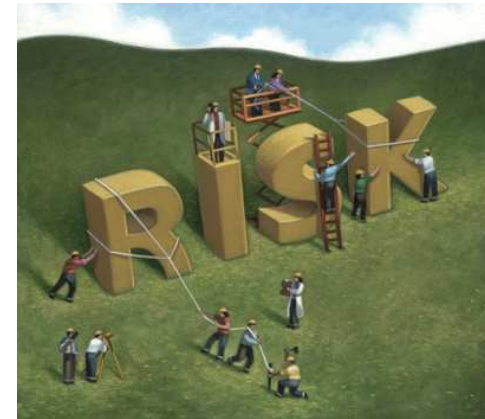
- focussing on process and methods

Member States to produce own risk assessments 2011-2013

EU overview of risks 2013

to identify risks that are shared with other countries
to identify risks which have cross-border aspect
to identify risks which have high impact, low probability nature

to identify areas of cooperation between countries
impact on EU policies





Disaster Data key challenges

Information gaps

- impacts especially economic losses
- No systematic gathering of data
- Identification of data needs for policy-makers

Access

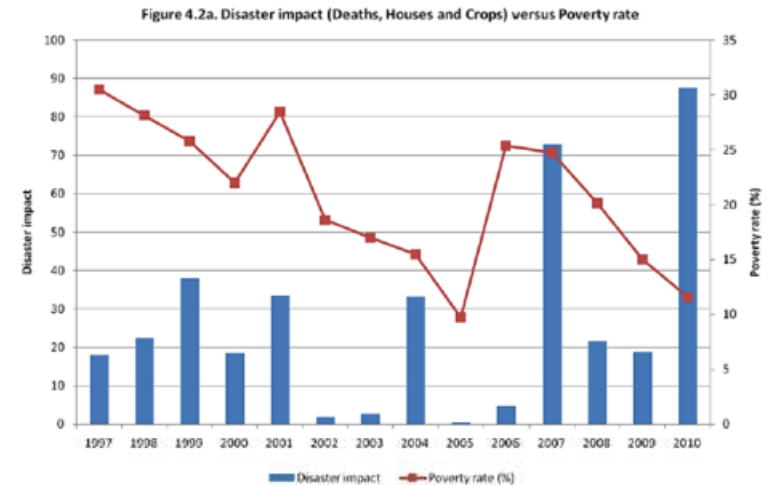
- Security concerns?

Comparability

- More comparable and harmonized methodologies and data models
- comparable definitions and terminology for damage and economic losses

International Cooperation

- Assess gaps; propose a policy action plan – G20?
- Cooperation with USA on disaster data collection, sharing and analysis





Council Conclusions on risk, emergency and crisis communication (Dec 2011)



- Integrated approach to risk, emergency and crisis communication at national, European and international level;
- Eliminate barriers to communication with regard to persons who are particularly vulnerable;
- Dialogue with the public (education/training) to improve risk preparedness and resilience;
- Dialogue with the media, businesses, citizens' associations and NGOs to increase effectiveness of communication;
- Use of modern technologies and information channels;
- Exchanging of good practices and experiences.

http://www.consilium.europa.eu/uedocs/cms_data/docs/pressdata/en/jha/126887.pdf



Guidelines for good practice in disaster prevention /draft/



Information, awareness raising and capacity building

Section 1. Information and awareness-raising: Tailor awareness raising and information campaigns to different audiences

Section 2. Information and awareness-raising: Encourage participatory approaches and volunteering in awareness raising and education

Section 3. Capacity-building: Ensure that authorities and media have the required knowledge and capacity to communicate disaster risks



Section 2. Information and awareness-raising: Encourage participatory approaches and volunteering in awareness raising and education

Example Guideline

Promote the adoption and implementation of legal instruments that ensure citizens' participation (or representation) in DRM and access to information on potential risk to their community.

Good practice: EU Directives **Seveso I, II and III - Prevention, Preparedness and Response to Chemical Accidents**

- *Mandatory involvement of stakeholders in emergency planning for industrial establishments*
- *Citizens' right to information on potential risks of industrial installations and how to behave in case of accidents.*



Section 3. Capacity-building: Ensure that authorities and media have the required knowledge and capacity to communicate disaster risks

Example Guideline

Enable media and journalists to disseminate appropriate information on DRM by providing training and material on how to interpret information and report on disasters.

Provide high-level advice and training aimed at media professionals that emphasise the need to move towards disaster prevention.

Good practice: UNISDR (2011) Disaster through a different lens: Behind every effect, there is a cause. A guide for journalists covering disaster risk reduction

Armenia  **EU Civil Protection Mechanism**

- **Exchange of information**
- **Extension of EU disaster monitoring tools / EWS**
- **Prevention of industrial hazards**
- **Prevention & preparedness projects**
- **EU Civil Protection Exercises**

THANK YOU!

EUROPEAN UNION



Humanitarian Aid and Civil Protection

Humanitarian Aid & Civil Protection