

Prevention – Follow-up of Council conclusions

DG Humanitarian Aid and Civil Protection
Civil Protection – Prevention and Preparedness



European civil protection co-operation



Community Civil Protection Mechanism

adopted on 8 November 2007 (2007/779/EC, Euratom)



Civil Protection Financial Instrument

adopted on 5 March 2007 (2007/162/EC, Euratom)



The EU CP Mechanism in a Nutshell

- Mechanism facilitates reinforced cooperation between the Community and the Participating States in civil protection in the event of a major disaster
- Natural and manmade disasters, inside and outside EU
- European Commission + 31 Participating States
- Main tools:
 - Monitoring and Information Centre (MIC) – available 24/7
 - Coordination and assessment teams
 - Database of modules and experts
 - Transport pooling and co-financing
 - Training and exercises
 - Preparedness and prevention projects



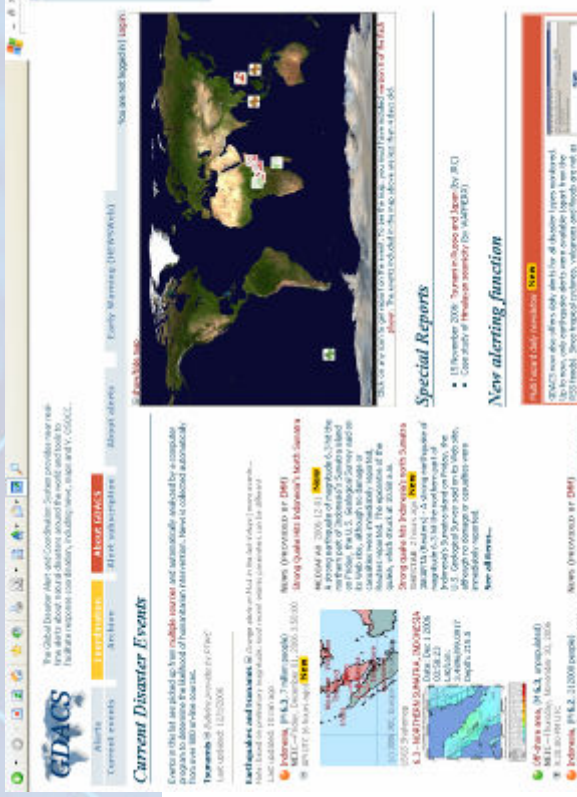
The Monitoring and Information Centre (MIC)

- Key operational roles:
 - Monitoring
 - Information
 - Coordination



Monitoring tools

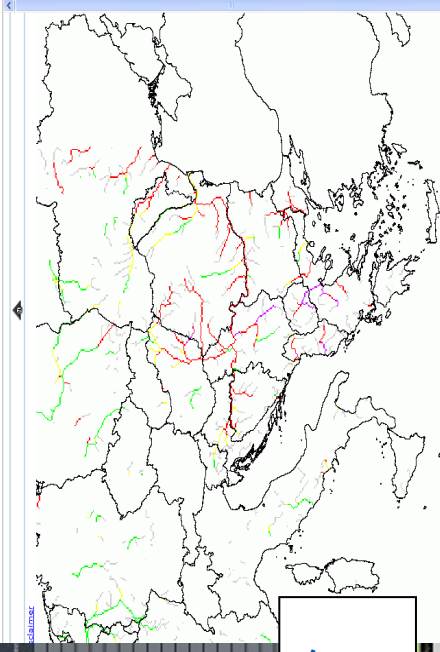
GDACS - Global Disaster Alert And Coordination System



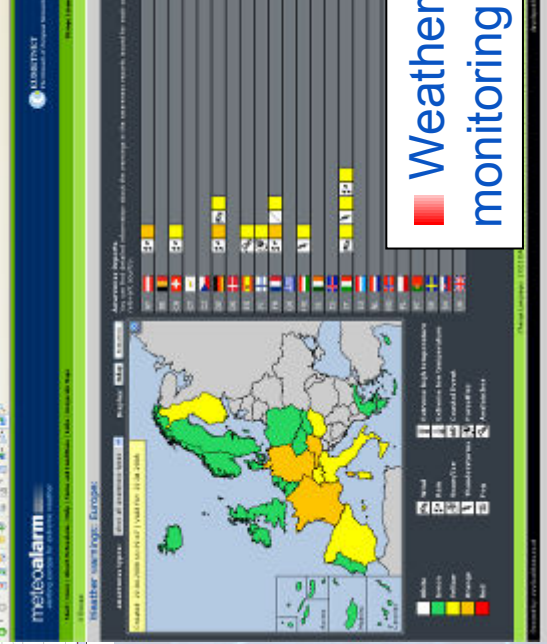
Flood alerts

European Flood Alert System

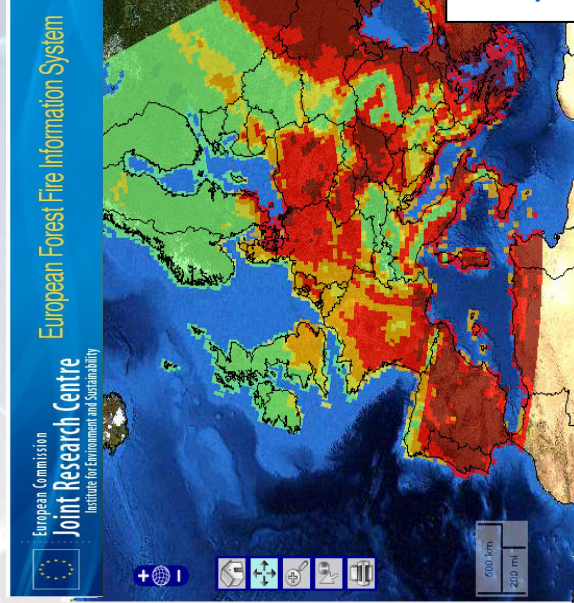
Hello: MIC Logout



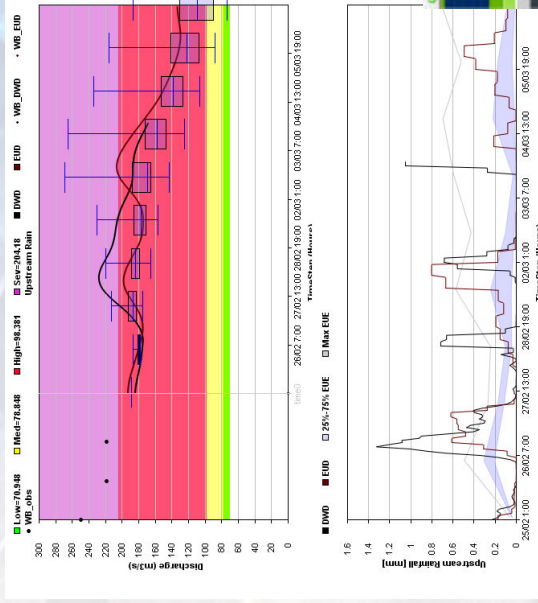
Weather monitoring



Fire forecasting



Flood forecasting



Information

MIC Portal

The screenshot shows the MIC Portal interface. At the top, there's a navigation bar with links like Home, Disaster Watch, Monitoring / Alert, Media Resources, and Latest documents. The main area features a world map with a disaster watch overlay. Below the map, there are sections for 'Disaster Watch' with filters for View, Scope, and Options, and 'Monitoring / Alert' with a list of alerts. The 'Media Resources' section includes links to various media resources. The 'Latest documents' section lists recent documents. The bottom part of the interface shows a 'Rapid Assessment tools' section with links to various assessment tools.

CECIS

The screenshot shows the CECIS interface. It displays a list of emergency response information, including Country, Emergency Name, Cause of Event, Type of Event, and Date & time of occurrence. The interface is designed for monitoring and managing emergency responses.

MIC Flash - 26 February 2010

ECHO MONITORING AND INFO CENTRE

To: AIDCO C - HAITI SEISM; ANDRESEN GUIMARAES Fernando (CAB-BARROSO); BARFOD Mikael / BELIAN Emanuela (SG); BOULANGER Georges (RELEX); BUCELLA Pia (ENV); CALOGHROIU Jol
Cc: ECHO MONITORING AND INFO CENTRE

Significant events for the last 24 hours:

UKRAINE potassium leak (MIC/UNI)

- Following the offers for experts received for the joint EU/UNEP/OCHA mission
- The selected experts are Tore Vaistad and Gustaf Patrick Holmstrom offered to
- Anja Brammann (MIC Liaison Officer).
- The briefing of the EUCP team will take place on Sunday, 28 February and the deployed to Ukraine on Monday, 1 March.

Earthquake in Haiti (MIC/ OCHA SitRep 24)

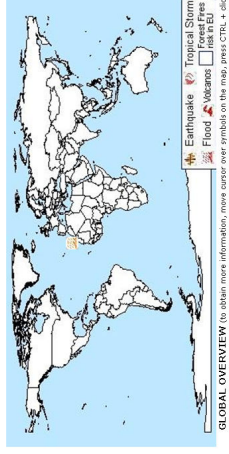
- The first heavy rain since the earthquake has doused Haiti's capital on Thursday, downpour swept rubbish along roadside gutters, clogging drains and turning the ponds.
- A cash-for-work activities including waste management by 26 February 285,000 houses were damaged.
- Through the ongoing vaccination campaign in temporary settlements, over 8,000 seven years of age have been vaccinated against diphtheria, tetanus and pertussis.

MIC Flash

MIC Daily

European Commission Monitoring and Information Centre

Daily Monitoring and Alert Service (MIC Daily): 25 Feb 2010



GLOBAL OVERVIEW (to obtain more information, move cursor over symbols on the map, press CTRL + click)
This map has been obtained using the information from the following feed: <http://www.gdacs.org/ONLINE/RS5.html>

DISASTER:

UNEP (25 Feb 2010): Following a formal request from Ukraine, UNEP/OCHA proposed a joint EUCP/ANEP OCHA technical mission to study the nature of the problem, the scale of the threat, and what type of action may be needed in order to address the problem. The mission will be led by a senior OCHA official and will include experts from the UN system and the EU. The mission will focus on engineering as well as environmental impact and risk assessment. The location and deployment of the team is related to take place on Monday, 1 March. Source: <http://www.unep.org/press/2010/02/25/0225100107.htm>

list around Port-au-Prince that are using roughly 500,000 earthquake d to Haiti. Source: <http://www.unep.org/press/2010/02/25/0225100107.htm>

European Commission Monitoring and Information Centre for Civil Protection - MIC Community Civil Protection Mechanism

Emergency	ALBANIA	Floods	MIC message no. 1
Status	Request for assistance	From MIC to Civil Protection contact points	Date: 2010/01/07
MIC contact	Eric van der Horst/ Denitza Tchavdarova	Telephone: +32 2 29 22222	Time: 13:00:00 UTC
	MIC Duty Officers	Fax: +32 2 29 90525	
		E-mail: env-mic@ec.europa.eu	
Event	Cause: Natural disaster	Type: Floods	
Occurrence	Date: 12/27	Time: 00:00 UTC	
Situation	The MIC has received a request for assistance today at 16:50 hrs Bxl time (see attachment).		

MIC messages

According to the information provided in the request, hundreds of families have been evacuated as melting snow has caused flooding in the region. The request was received on Thursday. After the evacuation of the families, the MIC has received a request for assistance today at 16:50 hrs Bxl time (see attachment).

The Albanian General Directorate of Civil Emergencies has confirmed that the request is also addressed to the Mechanism. The MIC is in contact with Albania to get more precise information on the requested items.



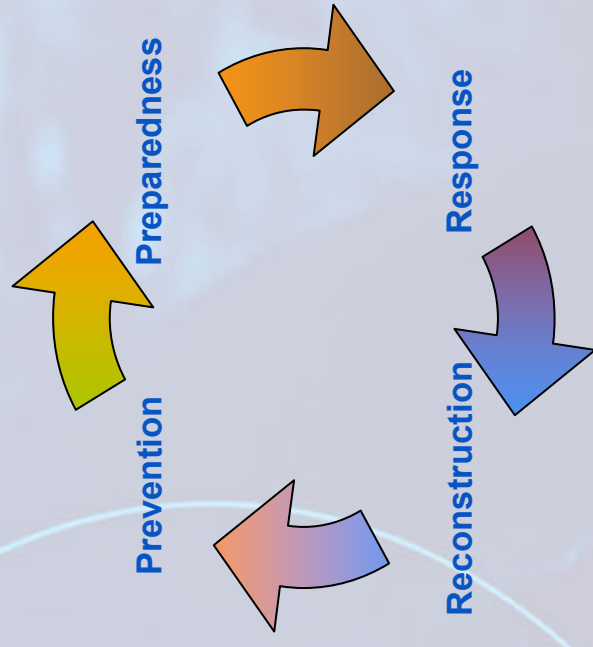
Coordination

- Coordination of offers of assistance and their acceptance through CECIS
- Deployment of coordination and assessment teams
- Coordination through regular videoconferences with Member States during emergencies (e.g. forest fires)
- Facilitation of transport
- Coordination with other players (e.g. UN)



Prevention – What is the aim?

- Creating the conditions for the development of knowledge based disaster prevention policies at all levels of government
- Linking the actors and policies throughout the disaster management cycle
- Making existing instruments perform better for disaster prevention
- Reinforcing international cooperation in the field of prevention



Prevention: Feedback from EU institutions



- **European Parliament**

- September 2009 Resolution on forest fires in the summer of 2009
- Own initiative report (ENVI) with contributions from relevant EP committees (AGRI, REGIO, LIBE) to be adopted in September plenary

- **Council**

- Council Conclusions on a Community framework on disaster prevention within the EU, 30/11/09
- Council Conclusions on prevention of forest fires within the EU, 26/04/10



Prevention – Research : Council Conclusions



- promote **close cooperation** between relevant research institutions and policy-makers including official disaster management organisations, in order to enhance the **transfer of knowledge** from the research community to the policy level and to encourage the development of innovative technologies and methods



Prevention – Research : **Council Conclusions**



- consider **potential priorities** for relevant EU-funded research projects aimed at:
- **understanding the link between climate change and natural disasters,**
- **assessing the social, economic and environmental costs of disasters,**
- **developing methods for the efficient use of satellite images by policy makers,**
- **analysing the consequences of building design and architecture in terms of risk factors**
- **improving disaster prediction including through the use of appropriate technologies**



Main activities – Improving the knowledge



- **2010:** work with EEA and specific stakeholder groups
 - Evaluation of data on the occurrence of disasters and their impact
 - Identification of comparability issues, data needs from policy makers, information gaps
 - Meeting organised in Copenhagen with the EEA on 19 and 20 May 2010.



Main activities – Risk assessment and planning



- **May 2010 (DE):** Workshop on risk assessment and mapping
- **July 2010:** comparative study of risk mapping practices
- **End of 2010:** Community guidelines on methods of hazard and risk mapping, assessment, and analyses
- **End of 2012:** cross-sectoral overview of the major risks the Community may face in the future, based on national risk assessments established by MS by end 2011



Prevention: Risk assessment and planning

- **Calls on the Commission**
 - « before the end of 2010, together with Member States, develop Community guidelines, taking into account work at national level on **methods of hazard and risk mapping, assessment, and analyses** in order to **facilitate** such actions in Member States and to **ensure a better comparability** between Member States »



Prevention: Risk mapping and assessment

- **Calls on the Commission**
 - « before the end of 2010, together with Member States, develop Community guidelines, taking into account work at national level on **methods of hazard and risk mapping, assessment, and analyses** in order to **facilitate** such actions in Member States and to **ensure a better comparability** between Member States »



EU/Commission guidelines - preparation



- Draw on Member State practices and those of other countries
- Promote Comparability
- Flexible – alternative approaches to be discussed
- Use across range of policies
- Identify subjects for additional research



Prevention: Risk mapping and assessment



Guidelines: key elements

- Terminology (lexicon)
- Methods
- Hazard/risk identification and analysis
- Impact analysis
- Risk assessment process
- Risk scenarios adapted to national and regional context
- Good practices
- Planning of public action
- Public Information and consultation



Main activities – Financing instruments



- **July 2010:** study:
 - critical analysis of financial instruments capable of supporting disaster prevention activities
 - catalogue of prevention measures to be considered by EU Member States for EU funding
- **2010-2013:** Financial perspectives and review of instruments



Main activities – Best practice



- **2010-2011:** best practice programme (literature review, workshops, guidance documents)

Main priorities:

- methods of hazard and risk mapping
- horizontal measures (governance, planning)
- floods
- earthquakes and tsunamis

- **End 2012:** guidelines on minimum standard for disaster prevention



Thank you

[illegible]