

Supporting the implementation of operational
GMES services in Emergency Response

**Meeting of National Platforms and HFA Focal Points –
Bonn , 19-20 February 2009**



What is

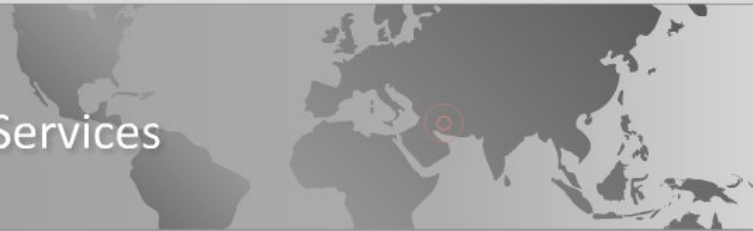


GMES (Global Monitoring for Environment and Security)
is a European initiative for the coordination, generation
and provision of environmental and security-related data
and their implementation in information services

Website: www.gmes.info

GMES

Marine, Emergency Response and Land Services



OCEAN SERVICES



RISK & EMERGENCIES SERVICES



LAND SERVICES



Credits: BOSS4GMES

Existing GMES Fast Track:

GMES Risk & Emergencies Services

Large Scale
Natural Disasters



Man Made
Disasters



Floods



Humanitarian Aid



Fires



Earthquakes



Credits: BOSS4GMES

The aim of linkER

- **To link available products with Emergency Management Systems in the EU**
- **Define in a joined approach a common understanding of the necessary interfaces**
- **Develop the technical interface**

GMES Risk & Emergencies Services Products

- **Crisis management**
- **Rapid Mapping**
- **Thematic Mapping**
- **Reconstruction Monitoring**
- **Forecasting / Early Warning**

GMES Risk & Emergencies Services

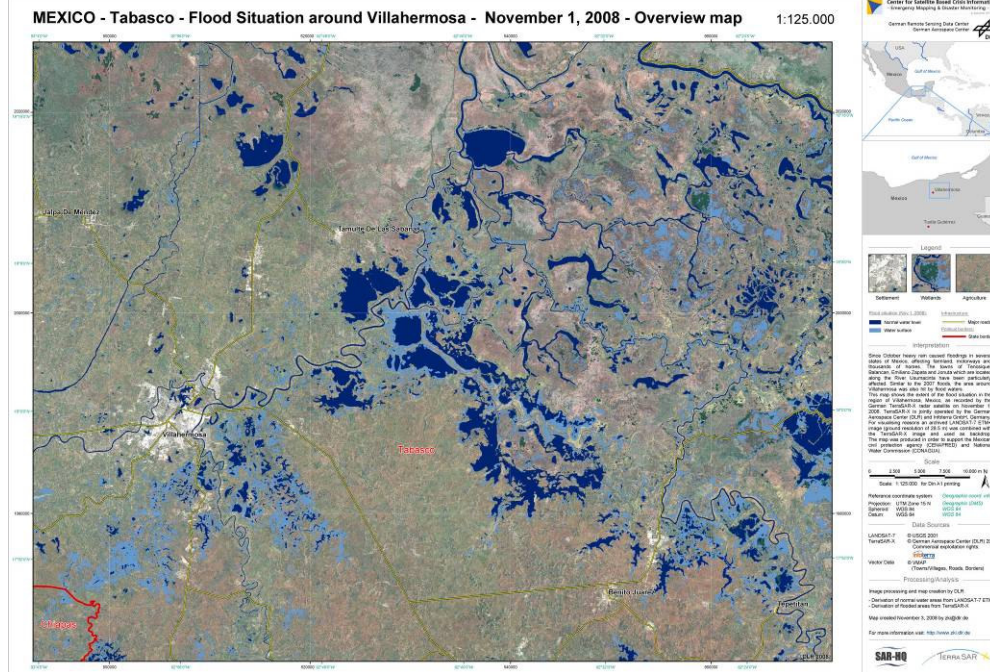


- **Inform disaster managers about available information**
- **Get informed about the needs and technical environment of disaster managers**

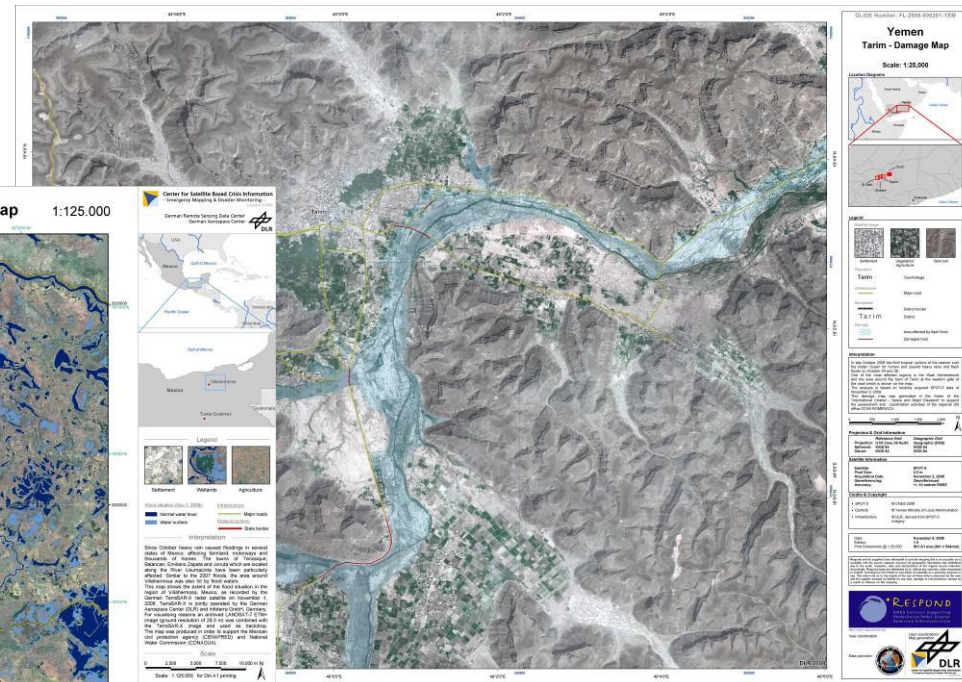
GMES Risk & Emergencies Services Products – some examples

- Rapid Mapping

Flood in Tabasco, Mexico

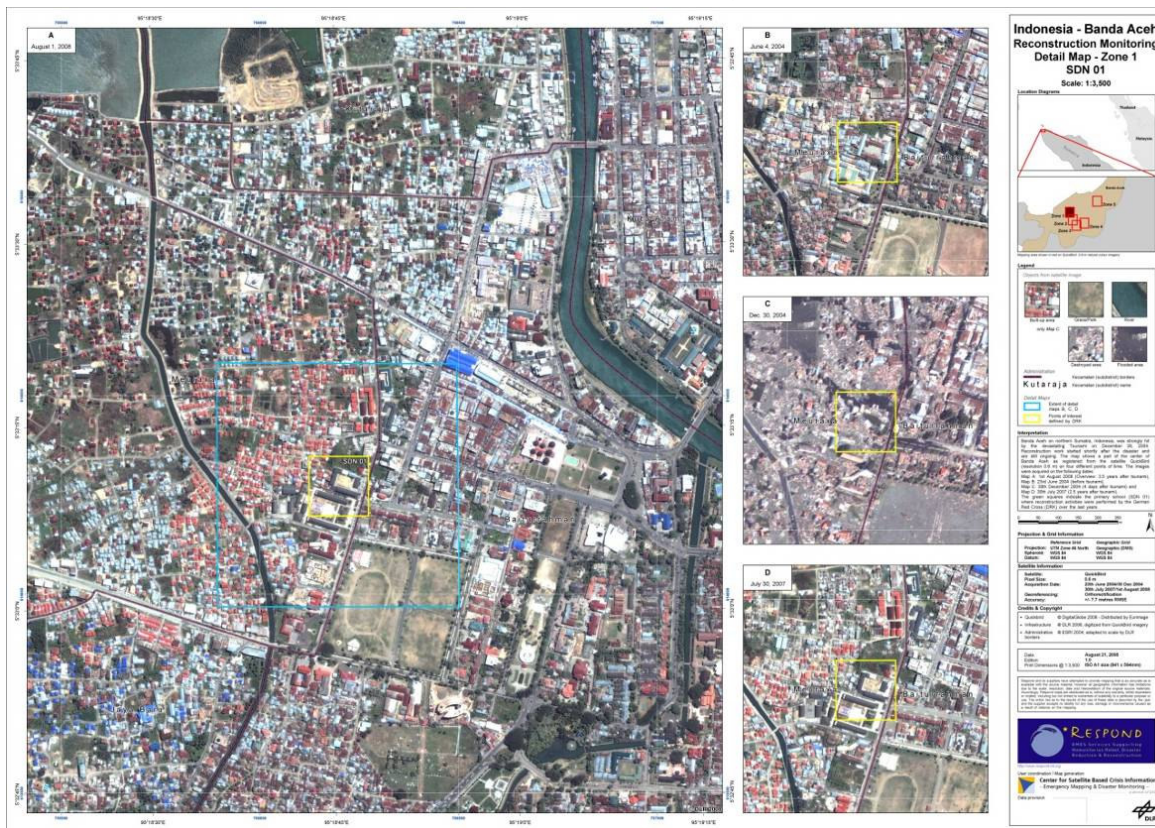


Flood in Tarim, Yemen



GMES Risk & Emergencies Services Products – some examples

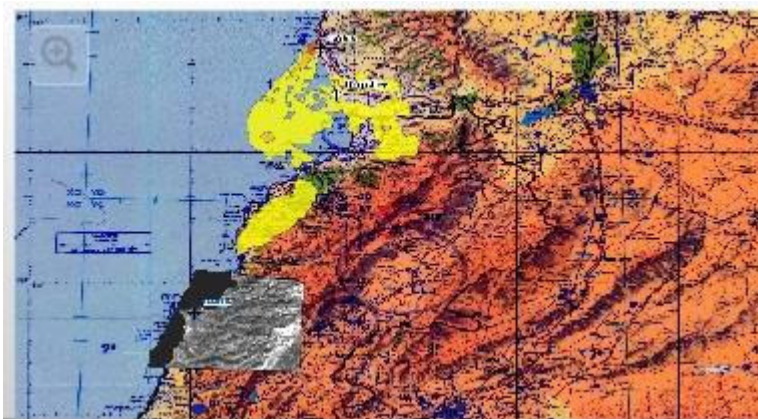
- Reconstruction Monitoring



Banda Aceh,
Indonesia

GMES Risk & Emergencies Services Products – some examples

- Forecasting / Early Warning



Chemical plume modelling after an industrial accidents triggered by an earthquake. Simulation carried out during the Euro-Mediterranean Exercise MED2007

Chemical Plume Modelling



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Tsunami Early Warning System

