



# Disaster Risk Management Knowledge Centre -DRMKC

Opening Address

Disaster Risk Management Training Online

Saxion University

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Joint  
Research  
Centre

**Joint Research Centre**  
the European Commission's  
in-house science service

# DRM at the heart of EU policies

Upcoming Preparedness Union

**European Disaster Resilience Goals**

- Anticipate**: better risk assessment
- Respond**: stronger EU Civil Protection Mechanism
- Alert**: enhanced early warning systems
- Secure**: robust emergency response coordination across Europe
- Prepare**: increased awareness and readiness of people

Disaster Resilience Goals (DRGs)



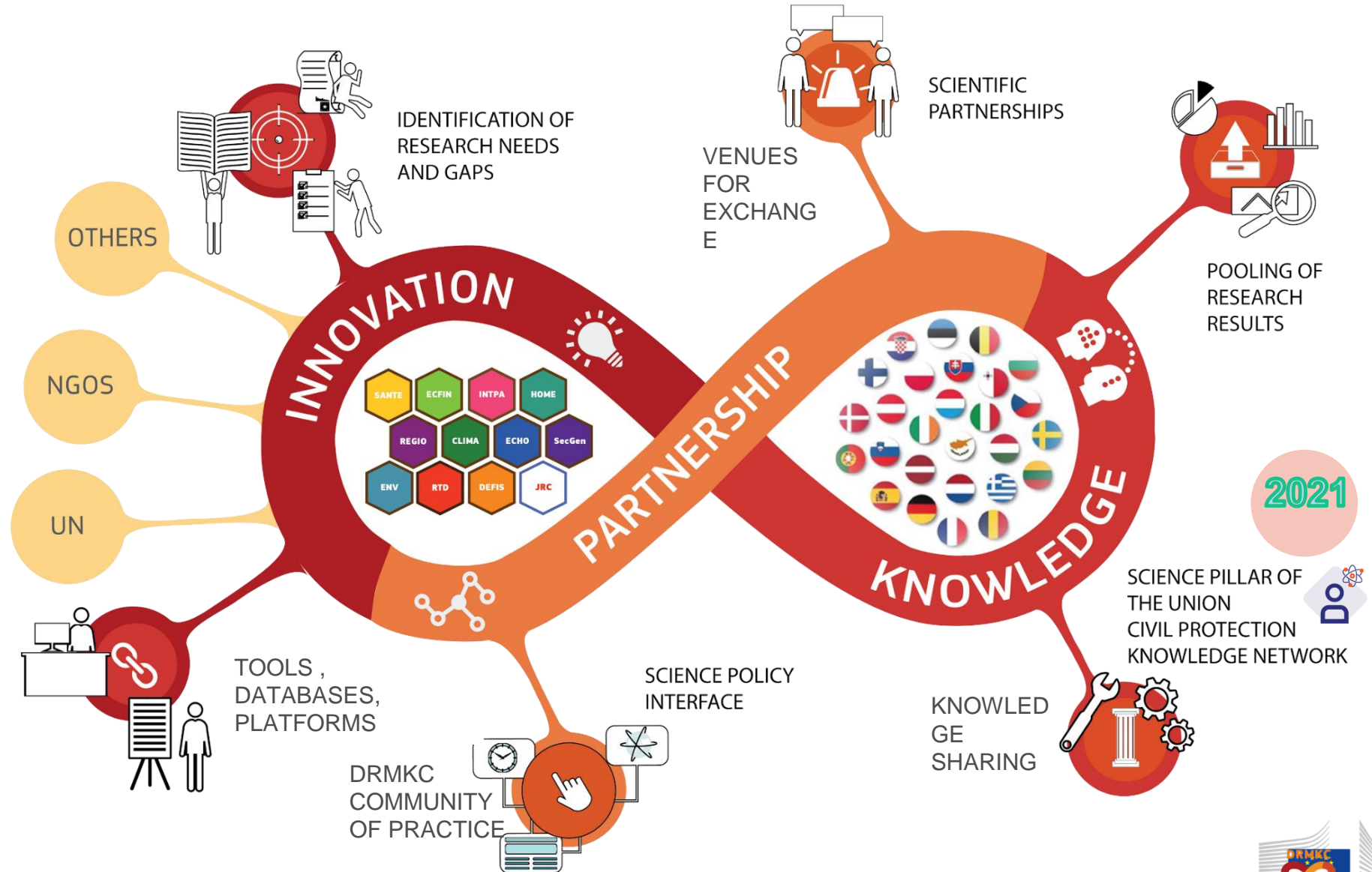
Union Civil Protection Mechanism (UCPM)

The EU Strategy on Climate Adaptation

Humanitarian Aid Regulation

**BUILDING A CLIMATE-RESILIENT EUROPE**  
A new EU Strategy on Adaptation to Climate Change

# DRMKC & Science Pillar of the UCPM: reinforcing our collaborations with MS/PS scientific communities



2021

# DRMKC - Knowledge pillar

Improving collective knowledge to make better decisions

## Science for DRM reports



## Evidence for Disaster Risk Management



Provide reviews of the scientific solutions in DRM for well-informed decision makers, practitioner and citizens

# DRMKC - Knowledge pillar

Improving collective knowledge to make better decisions

[European Crisis Management Laboratory](#) | [European Commission](#)





# Preparedness Strategies



## Enhance International Cooperation

Strengthen transboundary coordination for risks like floods and wildfires.



## Adopt a multi-sectorial approach

Develop integrated policies that encompass environmental, energy, and security consideration



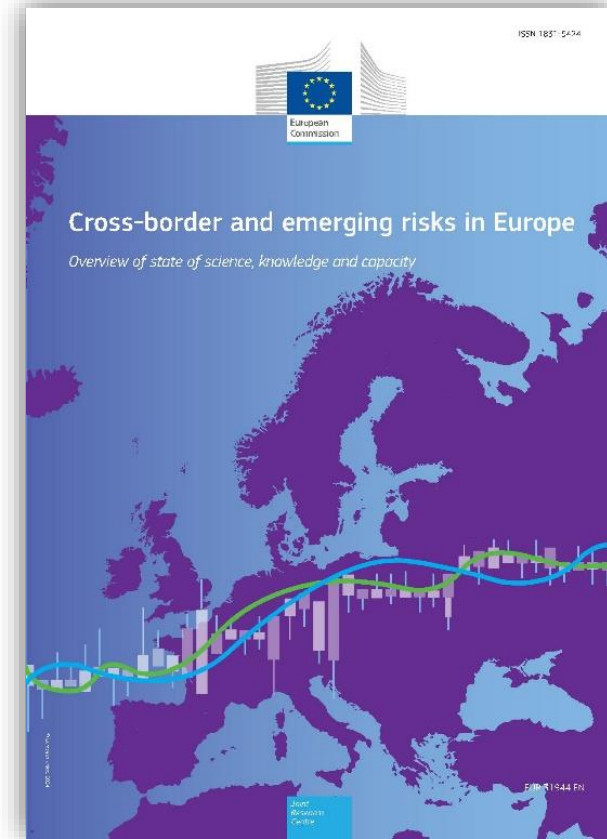
## Improve data sharing

Overcome the lack of harmonized risk data



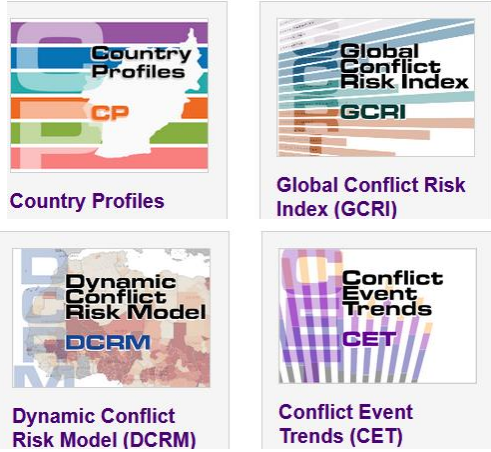
## Invest in Foresight and Risk Anticipation

Prioritize anticipatory governance by incorporating horizon scanning and strategic foresight into risk management frameworks



# An all-hazard approach

Science4Peace portal



Country Profiles  
Global Conflict Risk Index (GCRI)  
Dynamic Conflict Risk Model (DCRM)  
Conflict Event Trends (CET)

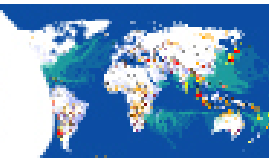


**Risk Data Hub**

A single data store for EU wide risk & loss data:  
Risk Data Hub

Global Disaster Alert and Coordination System (GDACS)

20 anniversary  
GDACS



Science for Disaster Risk Management

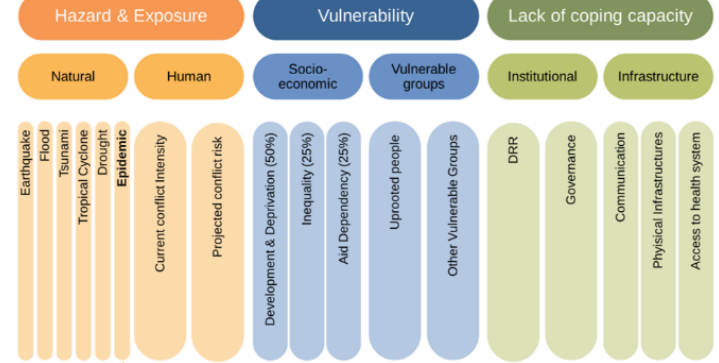


21 NOV 2023 BRUSSELS  
7<sup>th</sup> Annual Seminar  
**ROADMAP TO DISASTER RESILIENCE**

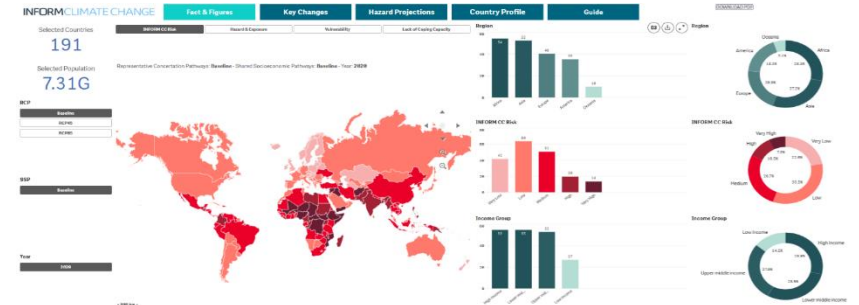
**RESILIENT** SOCIETY



## INFORM RISK INDEX



## INFORM CLIMATE CHANGE

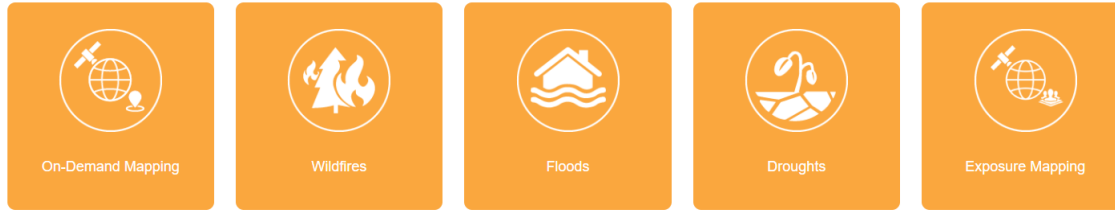






# Transform science into service

## Copernicus Emergency Management Service



Copernicus EMS Early Warning and Monitoring offers critical geospatial information at European and global level through continuous observations and forecasts for floods, droughts and forest fires.



### Floods

The European Flood Awareness Systems (EFAS) and Global Flood Awareness Systems (GloFAS) provide complementary flood forecast information to relevant stakeholders that support flood risk management at the national, regional and global level.



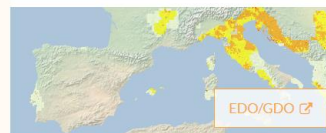
### Fires

The European Forest Fire Information System (EFFIS) monitors forest fire activity in near-real time. EFFIS supports wildfire management at the national and regional level for EU member states and across the Middle East and North Africa.

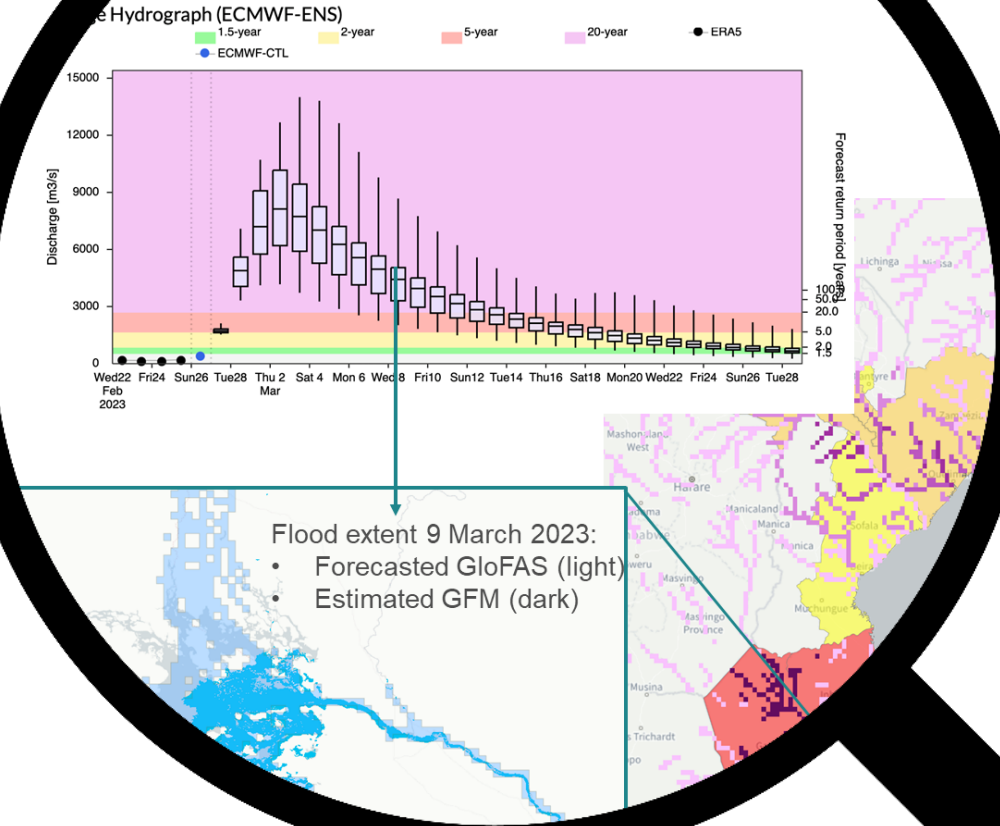


### Droughts

The Drought Observatory (DO) provides drought-relevant information and early-warnings for Europe (EDO) and globally (GDO). The service publishes short analytical reports (Drought News) in anticipation of an imminent drought.



## Flood Forecast





European  
Union



## Science Pillar

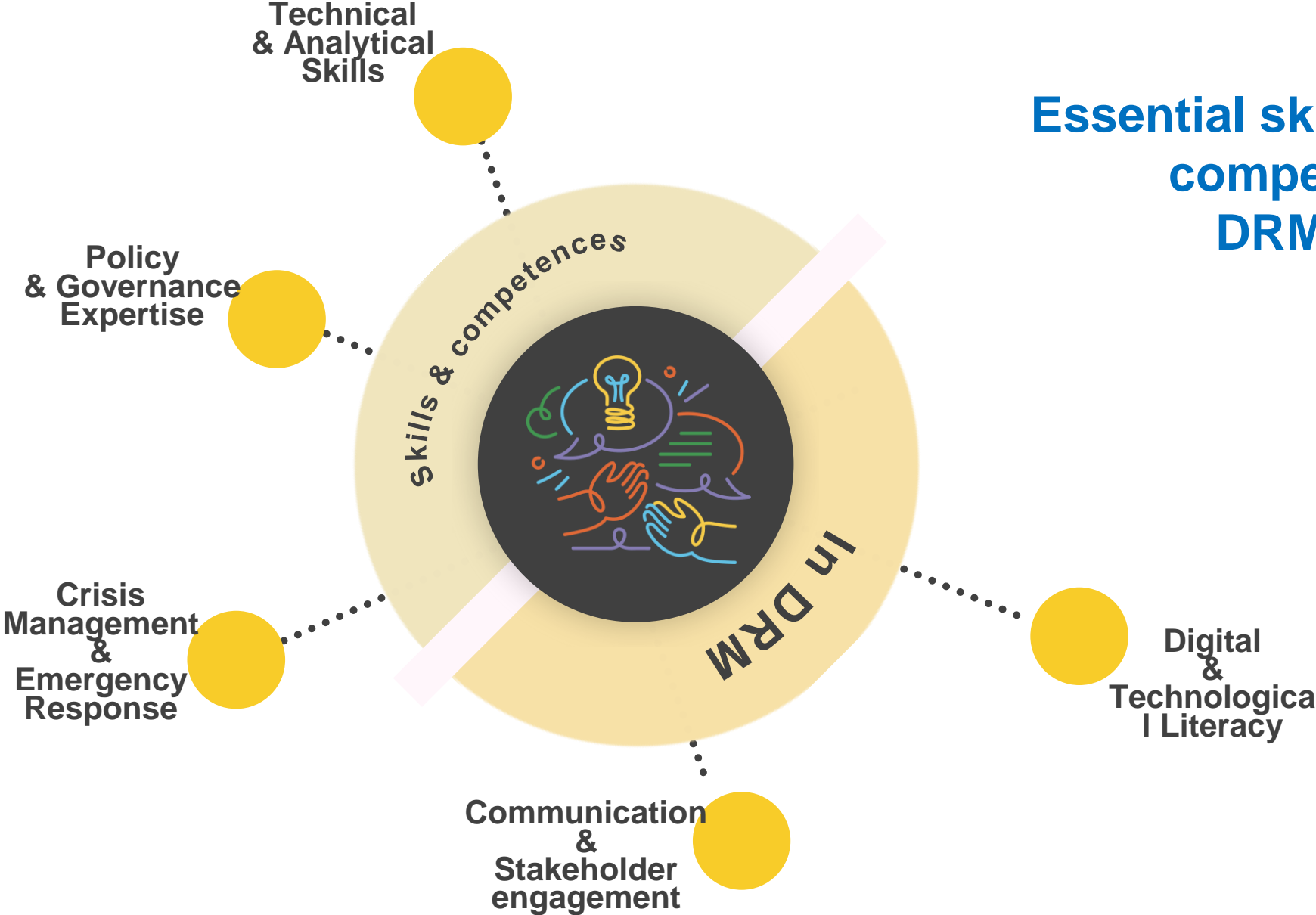
### The Science Pillar

The Science Pillar aims to bring together academia, practitioners and decision-makers for multi-disciplinary, cross-sectoral and cross-border cooperation. One of its objectives is to apply scientific knowledge to disaster risk management - particularly prevention and preparedness activities - more efficiently.

Union **Civil Protection** Knowledge Network



# Essential skills and competences DRM FIELD

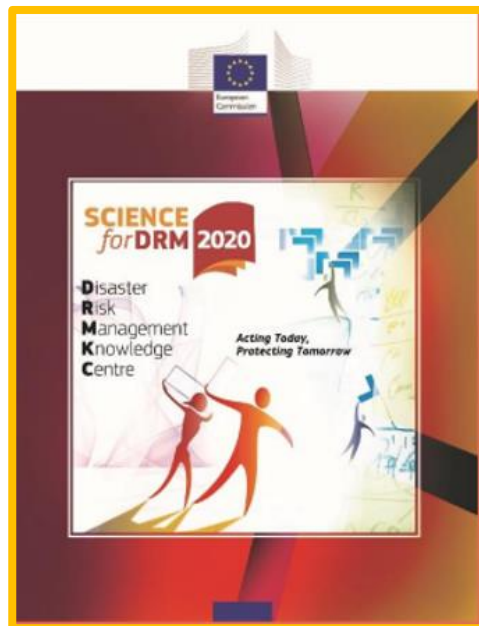


<https://drmkc.jrc.ec.europa.eu/>

# Want to know more?

JRC recruitment portal

<https://recruitment.jrc.ec.europa.eu/home>



## Knowledge Synthesis



## DRMKC Flash News / UCP KN Newsletter



## Training

