

**RISK DATA HUB**  
**&**  
**AUSTRIAN DISASTER NETWORK DAYS**

***CONCEPT NOTE (DRAFT)***

**11<sup>th</sup> to 12<sup>th</sup> of October 2018**

University of Natural Resources and Life Sciences Vienna  
Ceremony Hall  
Gregor-Mendel-Straße 33 | A-1180 Vienna

The Disaster Risk Management Knowledge Centre (DRMKC), launched in September 2015, is a European Commission initiative to support and improve the Science-Policy Interface in the field of Disaster Risk Management. One of the objectives of the DRMKC is to advance technologies and capacities in disaster risk and crisis management. The DRMKC Risk Data Hub is the resource intended to improved access and share of curated EU-wide risk data for fostering Disaster Risk Management.

As a knowledge hub, the Risk Data Hub is expected to be the point of reference for curated EU-wide risk data and adopts the comprehensive framework of policies and guidelines, data sharing initiatives and spatial data infrastructures with the purpose of setting the bases for knowledge for Disaster Risk Management at local, national, regional and EU-wide level.

To discuss and assess the usability of a Risk Data Hub at national level, a two-day joint workshop under the Austrian Presidency is hosted by Disaster Competence Network Austria (DCNA) in Vienna from 11<sup>th</sup> to 12<sup>th</sup> of October 2018.



The DRMKC makes available a GIS web-platform – the Risk Data Hub – intended to improve the access and sharing of curated EU-wide risk data, tools and methodologies for fostering Disaster Risk Management related actions.

As the Risk Data Hub (RDH) and especially its national linking and implementation is still in the development phase, the workshop will make a step forward by defining user requirements and discuss practical compatibility with national datasets and structures.

The two-day joint workshop intends to elaborate the needs at national level for an EU-wide roll-out and is structured in three sessions, half day each.

The first session will welcome the participants with key notes on Disaster Risk Management and introduce the methodology and concept behind the Risk Data Hub, linked also with a concrete example of activating the solidary fund for e.g. flood events. Furthermore, a practical showcase of the RDH country corner functionality with Austrian case-study data and the underlying data management processes discuss the practical requirements and implications to link regional scale hazard data to large scale risk indicators.

The second half-day will be divided into three break-out sessions to discuss challenges and future steps, such as data availability and coordination at national level, as well as customization to national needs and the use of data. In accordance with the multi-risk and multi-hazard approach of Risk Data Hub and to ensure application-specific and concrete outcome of the workshop the break-out sessions will be:

1. Mass Movements (floods and landslides):

The session targets the classic topics of natural hazards in particular flood and landslide protection, torrent building, as well as avalanche barrier and technical rock fall protection. Risk data management therefore, is highly dependent on the time scale of the processes to be monitored, which will be discussed in the session answering questions such as:

- Availability of disaster risk data to public – challenges and restrictions?
- How to communicating disaster risk by taking vulnerable groups into consideration?
- How can disaster risk data support activation of EU solidary fund in case of flood events?

2. Extreme Weather Events (storm, downbursts, hail, wild fires, drought):

Extreme Weather events can cause hazardous situation and/or damages. Referring to the objective of a risk assessment, this session does not focus on the extreme meteorological conditions themselves but relates extreme weather events to respective impacts and examines the subsequent implications concerning warnings and operational tasks. Therefore, the session will be framed around the questions:

- What are the impacts of extreme weather – from the local to the European scale?
- Usability of weather data and extreme weather warnings for risk assessments and forensics?
- Which institutional cooperation are required to cope with extreme weather situations and their post-events analysis?
- How can scientific developments and operational work/needs be interlinked?

3. Critical Infrastructure (industrial hazards):

Historical industrial disasters show sufficient evidence that natural hazards can trigger technological disasters (NATECH) and may pose tremendous risks to countries and communities that are unprepared for such risks. In Europe, many vulnerable installations from critical infrastructures are close to rivers, or located in earthquake or wild fire prone areas, or are subject to other kinds of hazards. The session will address to following questions:

- Added value of multi-hazard risk data for spatial and response planning?
- What do we learn and how do we use data from major accidents and near-misses?
- What are the challenges to be faced for policy and science in industrial disaster risk management?

The evening reception at Naturhistorisches Museum will give a unique view on meteorite impact as a natural hazard.

The next day will conclude each break-out session to set the next steps for an EU-wide roll-out of Risk Data Hub based on a close cooperation and information exchange within EU institutions and member state stakeholders.

## AGENDA v1.2

### THURSDAY 11<sup>th</sup> October:

09:00-10:00: arrival & registration

10:00-10:30: welcome & opening key notes

- Welcoming by **Hubert Hasenauer** (Rector of University of Natural Resources and Life Sciences Vienna & Deputy Chairman DCNA)
- Opening messages by [*Minister of Education, Science and Research*]
- Opening messages by **Harald Kainz** (Chairman of DCNA and Rector of Graz University of Technology)
- Opening messages by **Dan Chirondojan** (Director for Space, Security and Migration, JRC EC)

10:30-12:00: plenary session on disaster risk data and related policies

Chaired by: (JRC)

- Introducing DRMKC and RDH
  - **Montserrat Marin-Ferrer** (JRC)
- Disaster Risk Data and the added value for UCPM
  - Speaker from **DG ECHO (TBC)**
- Using Risk Data Hub for supporting the activation of the EU Solidary Fund
  - Speaker from **DG REGIO (TBC)**
- Scientific Support for Risk and Prevention Mapping
  - Speaker from **DG JRC (TBC)**
- Austrian Strategy for Disaster Risk Reduction – national platform and action plan
  - **Michael Staudinger** (Director of the Austrian Meteorological Service ZAMG and Coordinator of National Platform for Disaster Risk Reduction)

12:00-13:00: Lunch Break

13:00-14:00: Risk Data Hub as a knowledge hub

- EU Risk Data Hub –a knowledge hub
  - **Tiberiu-Eugen Antofie** (JRC)
- The Risk Data Hub country corner – an Austrian case study implementation
  - **Matthias Themessl** (Austrian Meteorological Service ZAMG)
  - **Chris Schubert** (Climate Change Center Austria)

14:00-17:00: Break-Out Sessions 1-3\*

15:00-15:30: Coffee Break

17:00-18:00: bus transport to reception venue Naturhistorisches Museum

\*Break-Out Sessions:

- Session #1: Mass Movements (Floods and Landslides)  
Chair: **Johannes Hübl** (*University of Natural Resources and Life Sciences Vienna*)  
Panelist 1: TBC  
Panelist 2: TBC  
Panelist 3: TBC
- Session #2: Extreme Weather Events (Storms, WildFires, Frost)  
Chair: **Andreas Schaffhauser** (*Austrian Weather Service*)  
Panelist 1: **David Bresch / Thomas Röögli** (*MeteoSwiss/ETH Zurich - inquired*)
  - Wind and Storm Modelling from an insurance and scientific perspectivePanelist 2: **Henrik Nymen** (*MSB*)
  - Wildfires in Sweden – challenges and lessons learnedPanelist 3: TBC
- Session #3: Critical Infrastructure and Industrial Hazards  
Chair: **Hannes Kern** (*University of Leoben*)  
Panelist 1: **Elisabeth Krausmann** (*DG JRC*)
  -Panelist 2: **Rolf Haselhorst** (*BASF Ludwigshafen*)
  - Disaster response planning for industrial major accident hazard sitesPanelist 3: TBC

Discussion on questionnaire agenda:

- what data is available and how is it used
- what formats are used and harmonization requirements needed
- data restrictions
- data usage for scientific research

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**EVENING RECEPTION  
NATURHISTORISCHES MUSEUM VIENNA**

17:00-18:00: bus transport to venue Naturhistorisches Museum

18:00-18:30: welcoming by museum director **Christian Köberl**  
presentation: *“Meteorite Impact as a Natural Hazard”*

18:30-21:00: welcome drink and opening messages [*Ministry of Education, Science and Research*]  
dinner reception

## FRIDAY 12<sup>th</sup> October:

09:00-10:00: Disaster Risk Data for Economy and Policy

- Challenges in harmonization of risk transfer mechanisms
  - Thomas Hlatky (Head of Reinsurance at GRAWE, European Insurance and Reinsurance Federation)
- Boosting Disaster Prevention through innovative risk governance
  - OECD

10:00-10:30: Coffee Break

10:30- 12:00: Wrap-Up and Way Ahead

Chair: **Montserrat Marin Ferrer** (DG JRC)

- Conclusions and Q&A for breakout #1 (Session Chair)
- Conclusions and Q&A for breakout #2 (Session Chair)
- Conclusions and Q&A for breakout #3 (Session Chair)
- Way Ahead
- Closing of the Event

13:00-16:00: General Assembly Disaster Competence Network Austria

### ADMINISTRATIVE REMARKS:

- Invitation and Registration system by JRC (<https://web.jrc.ec.europa.eu/rem/#m112259>)
- Welcoming and Admin Desk at venue: Event Management, University of Natural Resources and Life Sciences Vienna
- No fee for participation
- Speakers reimbursement by EC following experts rules
- Travel and accommodation self-paid
- Event Catering, Reception and transport to reception by DCNA
- How to get to the venue:

**Please choose bus or train for your trip to Vienna. In Vienna there is a good public transport system. To get to University of Natural Resources and Life Sciences Vienna, please use the bus lines 37A, 40A, 10A and S45.**

**The reception desk is at the front entrance (red arrow) of the main building (Gregor-Mendel-Straße 33 | A-1180 Vienna)**

**Plan:**

