

# **ENHANCING REGIONAL COOPERATION IN THE DANUBE BASIN: STRONGER TOGETHER**

***EUSDR specific event on water, emergency response and disaster risk  
management***

**3 April 2025, Mostar, Bosnia and Herzegovina**

**Emergency and disaster risk management - Knowledge Café**

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# **1. DISASTER PREPAREDNESS**

## **AIMS – Development and testing of a shared, AI-based predictive model for a coordinated use of big data and for a joint Monitoring System of landslides risk in the Adriatic-Ionian region**

**Organisation:** RESOURCE ENVIRONMENTAL CENTER BIH (REC BIH)

**Representative:** Lejla Šuman, Director

### **Activities/Outcomes /Highlights of the project:**

- Development of Joint Strategy for a shared ADRION approach on landslides monitoring and early prediction;
- Investigation of common challenges and suitable technologies for effective predictive models;
- Development of AI-based landslides monitoring and early prediction System applicable to different morphological contexts of the macro-region;
- Conduct transnational pilot testing aimed to collect and aggregate data from 6 designated sites of geological interest;
- Capacity building and knowledge transfer for the uptake of the developed monitoring and early prediction system.



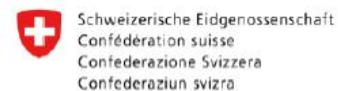
# Full-Scale Exercise Magnitude 2024 in Baden-Württemberg



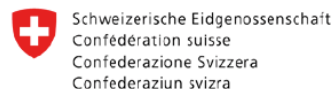
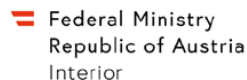




## Partners of the FSX Magnitude



## International organisations of the FSX Magnitude





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## National organisations of the FSX Magnitude



## Outcomes and results of the FSX Magnitude

- Baden-Württemberg has developed and practiced a Host Nation Support Concept - is now being finalised and serves as a basis for future international missions. Every country should have such a concept in order to be able to request and receive help in a timely manner in an emergency.
- In 7 workshops and 5 conferences, national and international cooperation was strengthened - also interdisciplinary.
- Raising awareness among all national organizations about cross-border cooperation and cooperation among each other.
- The topic of civil protection is valued by many other sectors, such as the media, and helps raise public awareness.

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**Zsolt Kelemen**

**Chair, EUSDR PA5 Disaster Management Working Group**



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**Danko Biondić**

**Head of the Development and Water Management Planning Sector, Republic of  
Croatia**

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## **DISCUSSION**

## Guiding Questions

- How can partnerships between governmental and non-governmental organisations be strengthened for joint disaster management projects?
- How can we effectively communicate disaster risks to civil protection institutions and the public, to increase preparedness?
- How can community involvement enhance the effectiveness of response efforts?
- What are promising methods and tools for accurate risk assessment?
- What are the most significant gaps in current disaster management training standards across the Danube Region?



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## **2. DISASTER RESPONSE**

## **GRECALE: emerGency communication enhancement for REsilienCe to nAturaL risks and recovery from disastErs Civil Protection and Fire fighting Administration of Herzegovina Neretva Canton**

**Representative:** Branimir Arapović

**Budget:** 1.489.987,10 EUR; **Partners:** 8; **Countries:** 6 (Bosna i Hercegovina, Italija, Hrvatska, Grčka, Crna Gora i Sjeverna Makedonija; **Duration:** 36 mjeseci

### **Activities/Outcomes /Highlights of the project:**

- The project intends to enhance territorial resilience and disaster recovery in Adriatic Ionian territories. A Civil Protection Disaster Management System will be developed and pilot tested in 8 territories, while relevant stakeholders will be networked and upskilled, and a Strategy and Adoption Plan will be developed for capitalization and transfer purposes.
- The project aims to enhance the security and resilience of the Adriatic-Ionian region against natural disasters by improving effective communication after emergencies. It facilitates transnational cooperation among civil protection organizations to better manage risks and emergencies through autonomous operational units compatible with existing infrastructure.



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## **DISCUSSION**



## Guiding Questions

- How can we improve collaboration between different stakeholders in disaster risk management?
- What are the most effective response strategies for different type of disasters?
- What are the key challenges in sharing disaster data and resources across agencies and countries?
- How can we develop effective cooperation/procedures for disaster risk management?
- What are enabling factors and success factors for successful disaster risk management and cooperation between first responders (e.g. fire fighters, ambulances) and other (civil protection) organisations and institutions?

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