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Világnapja

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DISASTER MANAGEMENT IN ROMANIA: SPECIFIC TRAINING PROGRAMMES FOR PREVENTION AND PREPAREDNESS

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Training and Education at ISUMADECIP

Education in the field of disaster management is a priority at the Faculty for Environmental Science and Engineering.

The activities of the Institution in this field range from **population risk awareness raising projects** to **transfer of theoretical and practical skills** of disaster management to the students and practitioners.

Romanian DRR Strategy

- The national DRR Strategy was developed within the project „Strengthening the Disaster Risk Reduction Framework and the Fire Protection System at the National Level” (MySMIS 134464/SIPOCA 866, founded by the World Bank)
- Scope:
 - - a framework for the actions being undertaken and planned by the range of stakeholders with formal or informal roles related to DRM;
 - - highlights the key directions of actions and expected results up to 2035;
 - - serves as a communication and dissemination tool to raise awareness of disaster risk reduction (DRR) as a cross-sectoral undertaking that uses a whole-of-society approach.

Romanian DRR Strategy

NDRRS objectives are aligned with the four priority areas of the Sendai Framework for DRR:

- Priority 1. Understanding disaster risk;
- Priority 2. Strengthening disaster risk governance to manage disaster risk;
- Priority 3. Investing in disaster risk reduction for resilience;
- Priority 4. Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation, and reconstruction.



Romanian DRR Strategy

Training and education related objectives and actions in the NDRRS:

- Priority 1. Understanding disaster risk:
 - Strengthen the technical and human capacities (including training and education)
- Priority 2. Strengthening disaster risk governance to manage disaster risk:
 - Continue strengthening the capabilities of persons that perform duties in the area of civil protection

Education is treated as a cross-sectoral subject across the NDRRS

The national Seveso trainings

National level project within the Human Capital Operational Programme – *Seveso course for the Identification, assessment and monitoring of risks*

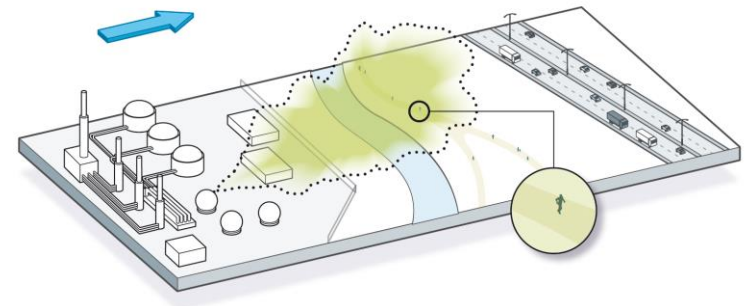
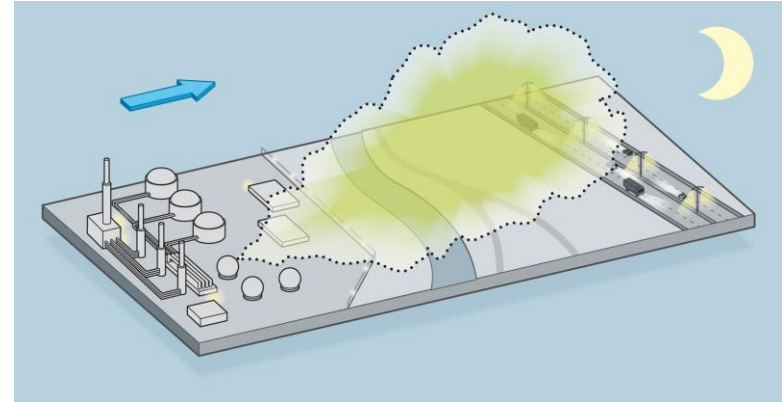
- **Project beneficiary:** General Inspectorate for Emergency Situations, Romania
- **Structure of the training courses:**
 - **SEVESO BASIC:** 10 series of modular courses (40 hours, 30 participants /serie): 5 days of on-line course and practice
 - **SEVESO EXTENDED:** 5 series of modular courses (120 hours, 20 participants/serie)
 - 10 days of on-line course and practice
 - 5 days of field activities within Seveso establishments

The national Seveso trainings

SEVESO BASIC:

Main competences developed:

- I. **Consequence assessment** of major accident involving hazardous materials (by using ALOHA software) – 16 h
- II. Development of **External Emergency Plans** – 12 h
- III. Elaboration of documents for the **organization and conduct of exercises** for testing emergency plans – 10 h + 2 h final evaluation



The national Seveso trainings

SEVESO EXTENDED:

Main competences developed:

- I. **Analysis and evaluation of specific documents** developed by Seveso operators – 11 h
- II. **Evaluation of risk assessments** for Seveso establishments – 24 h
- III. **Safety Management System Audit** for Seveso establishments – 24 h
- IV. **Territorial Compatibility Analysis** for Seveso establishments – 12 h
- V. **Investigation of accidents** at Seveso establishments – 16 h
- VI. **Planning, organization and conduct of Seveso site inspections** – 31 h + 2 h final evaluation

International Summer School On Disaster Management

Train both theoretically and practically the participant students from the two universities (NKE and BBU) in the field of disaster management.

Strengthen the institutional cooperation between the universities and the competent authorities in emergency response.

Main partners:

ISUMADECIP, Faculty of Environmental Science and Engineering – Babeş-Bolyai University,
Romania

National University of Public Service, Budapest, Hungary

National Center for Disaster Management Foundation (CN APELL – RO), Romania

Ministry of Interior – Department for Emergency Situations, Romania

General Inspectorate for Emergency Situations, Romania

Research-Development Institute for Environmental Protection Technologies and Equipment
(ICPE) Bistrita, Romania

International Summer School On Disaster Management

- 4 successful edition organized: 2016, 2017, 2018, 2019 - Arcalia



International Summer School On Disaster Management



International Summer School On Disaster Management

- NEXT EDITION: 15-21 July 2024
- Location: Baru Mare, Hunyad County, Romania



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International Summer School On Disaster Management



EU MODEX Exercises

To provide a learning opportunity for all actors involved in civil protection assistance interventions

To verify and improve procedures, to establish a common understanding of the cooperation in civil protection assistance interventions with Modules/TAST/EUCPT and to accelerate the response in major emergencies



EU MODEX Exercises

- I. **National Center APELL Foundation** – organizer of Water Hazards and Forest Fire Fighting field exercises – 5 cycles already finished successfully

- **Objectives:**

- - To provide a safe and good testing environment for EUCP modules, experts and other response capacities;
- - To test coordination, interoperability, self-sufficiency, standard operating procedures, communication and reporting of response teams and equipment;
- - To ensure good learning opportunities for the participants based on realistic, complex scenarios on floods, forest fires, CBRN accidents or the



Conclusion

- I. The NDRRS emphasizes the importance of training and education in the field of DRM and DRR for all stakeholders;
- II. A very good progress at national level: from reactive to proactive approach
- III. Higher education and research institutions have a key role in knowledge transfer, training and education

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