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Knowledge FOR Resilient soCiEty

Research and Education at
University of Zilina



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Education programmes at UNIZA

FSE & DRM



- FSE - part of national Rescue Services study programme
 - About 50 students every year
- DRM – part of national Crisis Management study programme
 - About 30 students every year



Education programmes at UNIZA

FSE & DRM



- All three levels (BSc., MSc., PhD.) accredited full- and part-time:
 - BSc. 3 / 4 years (180 ECTS)
 - MSc. 2 / 3 years (120 ECTS)
 - PhD. 3 / 4 years (180 ECTS)



Education projects at UNIZA

FSE & DRM



Risk Management in Enterprises

- Increasing changes in the global and domestic business = importance of risk management in enterprises.
- Goal: New study program to provide ability to apply the principles, structure, process and tools of risk management.
- Focus the early detection of risks and the prevention of corporate crises.



Education projects at UNIZA

FSE & DRM



Modernization of the educational conception of technical courses for professionals in rescue services

- The effectiveness rescue is directly dependent on technical equipment, physical fitness and professional preparation
- The current need for skilled professionals in rescue services requires a change in the conception of the educational system of rescue services professionals.
- Modernize the conception of learning the technical subjects to university student at all three levels of education.





Smart tunnel: telematic support for emergencies in transport tunnels

- Limited smart solutions for rescue operations support in transport tunnels.
- Project goal – develop an integrated system reducing risks for attending rescue services.
- A unique combination of sensing equipment functionality with software processing the gathered data about the situation in the tunnel.





Model for evaluation of fire protection measures economic efficiency

- Objective - simplify and improve the quality of evaluation of fire protection measures economic efficiency.
- New model to allow evaluating individual fire safety systems and decision making.
- Facilitate achieving an adequate level of life and property protection, at optimum cost.



Research projects at UNIZA

FSE & DRM



Principles of measuring the awareness and preparedness of the population to the risks of natural disasters

- Increasing severity of natural disasters requires a change of a approach to disaster management both on the part of the state and on the part of the population.
- Research of attitudes of the population to the risk of natural disasters, assessing of their readiness and vulnerability, examining of the perception of their security in a changing environment.
- Goal - setting principles and methodology for measuring of the level of awareness and preparedness of the population to the risks of natural disasters.





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Thank you
for your attention

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