

ProgrammeTitle	Natural Disaster Risk Management
Training description	<p>Training participants will be familiar with natural disasters, causes and their direct and indirect consequences, with special emphasis on natural disasters that frequently afflict the Republic of Srpska. Special attention will be paid to risk management of natural disasters, in terms of measures and activities to be undertaken with the aim of preventing and reducing the consequences of natural disasters. Part of the training will be dedicated to and emergency procedures in the event of natural disasters, normative-legal framework of engagement subjects protection system and rescue, responsible institutions and the role of the individual-citizen, as well as short-term and long-term measures and activities to be undertaken following the occurrence of natural disasters.</p>
Objectives and outcomes of training	<p>Training goals are directed towards strengthening public awareness of the real dangers of natural disasters and their consequences, understanding the importance of the role of society and the individual in preventing and mitigating the consequences of natural disasters, as well as learning about the importance and importance of formation of concept of long-term risk management of natural disasters through defining the normative-legal framework and establishing an integrated, functional and efficient system of responsible institutions and operators.</p> <ul style="list-style-type: none"> • After realization of training, training participants will have gained knowledge about: <ul style="list-style-type: none"> ✓ species and character of natural disasters, ✓ strategic activities, procedures, for implementation, roles and responsibilities in the system of risk management of natural disasters; ✓ challenges concerning the planning and realization of activities, introduction of relevant actors and the coordination of cooperation of responsible institutions and entities at all levels (national, regional and local); ✓ the role of the individual-citizen in civil protection system and its implementation. • Knowledge gained in basic training will enable participants to successfully participate in: <ul style="list-style-type: none"> ✓ the planning and achievement of adequate study, measures and activities to prevent and towards the consequences of natural disasters; ✓ prepare relevant teams and develop operating procedures of action in an emergency; ✓ the system of protection and rescue in terms of coordination in the field, the appropriate distribution of tasks and their successful performance of, and co-operation with institutions and entities at all levels.
Participants	<ul style="list-style-type: none"> • Experts in the field of national security, geomorphology, civil protection • Civil protection, mountain rescue service • Students and teachers of the Faculty of Security Studies • Representative of the city administration • Representatives of the emergency management sector • Representatives of the Police Training Authority • Representative of hydrometeorological institute • Safety experts and disaster management
Number of participants	30-40
Duration	1 day, 8 hours, including coffee breaks

Content	Module and module description	Duration in h	Lecturer
Content of the program	<p>Module 1. Introducing lecture</p> <ul style="list-style-type: none"> • Presentation of the project and the study program • Concept, phenomenon, types of natural disasters • Natural disasters on the territory of the Republic of Srpska • Frequency and disaster trend in Srpska / BiH • Emergency Management Cycle in natural disaster • Significance of a risk map and a disaster risk map • Place and role of an individual and institution in a disaster 	0,5	Mile Sikman
Content of the program	<p>Module 2. Earthquakes as natural disasters</p> <ul style="list-style-type: none"> • The concept and types of earthquakes • The direct and indirect consequences of the earthquake • Seismic activity on the territory of Republic of Srpska/BiH, • Seismic hazard, seismic risk management cycle and emergency situation in case of earthquakes Responsible institutions and operators, and plan of protection and rescue in case of earthquakes in Republic Srpska • Maps and comprehensive risk prevention measures of the seismic risk assessment • Planning, design and construction of critical infrastructure, • Emergency measures and long-term activities measures and activities, • Measures and activities after earthquakes, • The place and role of the individuals in the event of earthquakes, • A good example of Japan 	0,5	Zdenko Tupajic
Content of the program	<p>Module 3. Landslides, erosion and landslides, torrential flows as a natural disaster The formation and elements of the landslide, slopes and torrential flows</p> <ul style="list-style-type: none"> • Landslides, slopes and torrential currents in the territory of the Republic of Srpska - Accent on Banja Luka area • Risk maps focusing on the Banja Luka area Landscape prevention and remediation • Plans of protection and rescue in case of landslides, landslides and erosion • Excessive flows in urban areas 	0,5 0,5	Radislav Tomic Novica Lovric

	<ul style="list-style-type: none"> Place and role of an individual - citizen before and after the occurrence of landslides and landslides 		
Content of the program	Module 4. Floods as natural disasters <ul style="list-style-type: none"> Defining floods Causes of formation and floods in the territory of Republic of Srpska Floods areas in Srpska / BiH Biggest flows in Srpska and risk maps Damage from floods Emergency Management Cycle on floods Measures for flood prevention Existing infrastructure in Srpska: embankments, pumping stations, channels, etc. Activities and measures in case of floods Place, role, rights and duties of citizens and institutions during floods and after floods Floods in the lower Vrbas river in May 2014. The impact of Tamara's cyclone on creating conditions for large precipitation, maps, cartograms, damage estimation in 2014., etc. A good example of the Republic of Austria 	0,5	Slavica Maksimovic
	<ul style="list-style-type: none"> Activities and measures in case of floods Place, role, rights and duties of citizens and institutions during floods and after floods Floods in the lower Vrbas river in May 2014. The impact of Tamara's cyclone on creating conditions for large precipitation, maps, cartograms, damage estimation in 2014., etc. A good example of the Republic of Austria 	0,5	Aleksandar Majic
Content of the program	Module 5. Droughts and fires as natural disaster <ul style="list-style-type: none"> Definition of drought and fire Drought indexes Managing the risk of drought and fire The existing infrastructure in Srpska for the defense against drought and fire (water canals, fire stations) Economic consequences of drought Management of water potentials Prevention measures Monitoring the impact of drought A good example of the Republic of Israel 	0,5	Milica Sikimic
Content of the program	Module 6. Disclaimer, institutional framework and legal acts in the treatment of the natural disasters <ul style="list-style-type: none"> National Strategy for Emergency Response and Rescue Legal obligation for the role of individuals in case of natural disasters. Legal obligation of the role of institutions in case of natural disasters International conventions and treaties on the fight against natural disasters 	0,5	Predrag Ceranic

	<ul style="list-style-type: none"> • Normative - legal framework for engaging the subject of the protection and rescue system in the fight against natural disasters National action plan for mitigating the consequences of drought and land degradation • Action Plan for Implementation of the National Program for Risk Management from Natural Disasters 		
Content of the program	<p>Module 7. Management of emergency situations and the role of the military and police.</p> <ul style="list-style-type: none"> • Emergency management and the role of the individuals • Training and education role of the army and the police in the prevention and mitigation of consequences, during the natural disaster • Chain of command 	0,5	Darko Paspalj
Content of the program	<p>Module 8. Joint exercise of providing first aid at risk of flooding (resuscitation), at risk of an earthquake (stroke order).</p>	0,5	A group of students of Faculty of Security Sciences
Content of the program	<p>Module 9. Presentation of mobile application for alarm on growth level of the river.</p>	0,5	DVC solution
Methodology	Video presentations, various case studies and scenarios for disaster		
Place	Faculty of Security Sciences (Cabinet of criminalistics)		
Coordinator	Radoslav Ivanis, Darko Paspalj		
Litarature	Books, booklets, materials, speakers, t-shirts, beanie		

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