

Programme Title	Natural Disaster Risk Management Training
Training description	<p>The participants of the training will be introduced to the natural disasters, their causes, as well as their direct and indirect consequences, with particular reference to the natural disasters that most often affect the Republic of Serbia. Special attention will be paid to the contemporary methodology of natural disaster risk assessment and management in terms of measures and activities that should be undertaken with the aim of preventing and mitigating the effects of natural disasters. The training will also be dedicated to emergency procedures in case of a natural disaster event, the normative-legal framework for the engagement of subjects of the protection and rescue system, responsible institutions and the role of the individual - citizen, as well as short-term and long-term post-disaster measures and activities.</p>
Objectives and outcomes of training	<p>The main objectives of the training are aimed at raising public awareness of the real danger 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, and getting acquainted with the importance and significance of building a culture of long-term natural disaster risk management through defining normative-legal framework and the establishment of an integrated, functional, and efficient system of responsible institutions and participants.</p> <p>Upon completion of the training, the attendees will have gained knowledge on:</p> <ul style="list-style-type: none"> <li>- strategic activities, procedures, holders of realisation, roles, and responsibilities in the system of natural disaster risk management;</li> <li>- typical challenges related to planning and realisation of activities, deployment of relevant stakeholders, and coordinated cooperation among responsible institutions and participants at all levels (national, regional, and local);</li> <li>- civil protection role of the individual – citizen and its performance.</li> </ul> <p>Knowledge acquired from the training will enable the attendees to participate successfully in:</p> <ul style="list-style-type: none"> <li>- planning and realisation of adequate studies, measures, and activities for preventing and mitigating the effects of natural disasters;</li> <li>- preparation of appropriate teams and elaboration of operational procedures in emergencies;</li> <li>- the protection and rescue system in terms of coordination in the field, arrangement of appropriate tasks and their successful performance, and</li> <li>- cooperation with relevant institutions and participants at all levels.</li> </ul>
Participants	<ul style="list-style-type: none"> <li>■ Disaster management personnel</li> <li>■ Urban development, city planning, and civil engineering professionals</li> <li>■ Representatives of higher education institutions</li> <li>■ Law enforcement officers</li> <li>■ Representatives of the sector for emergency management</li> <li>■ Representatives of the local government bodies</li> </ul>

	<ul style="list-style-type: none"> <li>■ Public companies' personnel</li> <li>■ Facilities management personnel</li> <li>■ Utilities (transport, water, energy, telecommunication, waste) management personnel</li> <li>■ Private sector stakeholders</li> <li>■ Health institution officials</li> <li>■ Red Cross</li> <li>■ Centres for social work</li> <li>■ Humanitarian organisations and associations</li> <li>■ Associations of citizens</li> </ul>		
Number of participants	60 participants (30 participants at one-day training in 2018 and 30 participants at one-day training in 2019)		
Duration	2 one-day training, 8 hours training per day with coffee breaks		
	No. of hours	Lecturer	
Programme content	<p><b>Module 1. Introductory lecture - Natural disasters in the Republic of Serbia</b></p> <ul style="list-style-type: none"> <li>■ Natural disasters on the territory of the Republic of Serbia</li> <li>■ Frequency and trend of disasters in Serbia</li> <li>■ Vulnerability maps from natural disasters</li> <li>■ The impact of climate change on natural disasters</li> <li>■ The normative legal framework for engaging the subject for the protection and rescue system in the</li> <li>■ Fight against natural disasters</li> </ul>	1	Sasa Stojanovic
	<p><b>Module 2. Epidemics as natural disasters</b></p> <ul style="list-style-type: none"> <li>■ Epidemiology - Introduction</li> <li>■ Epidemics which have changed the courses of history</li> <li>■ Basic concepts related to infectious disease outbreaks</li> <li>■ Actual epidemiological situation in the Republic of Serbia</li> <li>■ Education of health workers for crisis management and education of the population on the prevention of infectious diseases</li> </ul>	2	Elizabeta Ristanovic
	<p><b>Module 3. Fires as natural disasters</b></p> <ul style="list-style-type: none"> <li>■ Briefly about fires - general terms, causes and conditions of their occurrence</li> <li>■ Normative - legal framework for the engagement of protection system entity and rescue in case of large scale fire</li> <li>■ Preventive measures for fire protection and rescue</li> <li>■ Fire extinguishing agents (showing means and equipment of Fire Brigade Belgrade)</li> <li>■ Procedures in the event of fire and its extinguishing (demonstration - Exercise Fire Brigade Belgrade)</li> </ul>	4	Rade Slavkovic

Programme content	<p><b>Module 4. Earthquakes as natural disasters</b></p> <ul style="list-style-type: none"> <li>■ Primary and secondary effects of earthquakes</li> <li>■ Direct and indirect earthquake effects</li> <li>■ Seismic activity on the territory of Serbia</li> <li>■ Seismic hazard, seismic risk, and the earthquake emergency management cycle</li> <li>■ Normative-legal framework, responsible institutions and participants, and protection and rescue plan in case of earthquake event in the Republic of Serbia</li> <li>■ Pre-earthquake studies, measures, and activities for reduction of earthquake consequences <ul style="list-style-type: none"> <li>- Land-use planning</li> <li>- Integrated assessment of seismic risk</li> <li>- Requirements for the earthquake-resistant design criteria</li> <li>- Studies for planning, design, and construction of critical infrastructure</li> </ul> </li> <li>■ Post-earthquake measures and activities <ul style="list-style-type: none"> <li>- Immediate emergency measures and actions</li> <li>- Short-term post-earthquake studies and activities</li> <li>- Long-term post-earthquake measures and activities</li> </ul> </li> <li>■ Civil protection role of citizens in case of earthquake event</li> </ul>	3	Miroslav Talijan
	<p><b>Module 5. Floods as natural disasters</b></p> <ul style="list-style-type: none"> <li>■ Defining floods among natural disasters</li> <li>■ Causes of forming and floods on the territory of the Republic of Serbia</li> <li>■ Floods areas in Serbia</li> <li>■ Flood damages</li> <li>■ Legislation in the fight against floods</li> <li>■ Measures for flood prevention</li> <li>■ Activities and measures in case of floods</li> <li>■ Place, role, rights and duties of citizens during floods and after floods</li> </ul>	2	Vojislav Krstovic
	<p><b>Module 6. Landslides, rockfalls, and erosions as natural disasters</b></p> <ul style="list-style-type: none"> <li>■ General on landslides and rockfalls</li> <li>■ Landslides and rockfalls on the territory of the Republic of Serbia</li> <li>■ The origin and elements of the landslide</li> <li>■ Identification of the landslide</li> <li>■ Prevention and remediation of landslides</li> <li>■ Emergency Protection and Rescue System in the Republic of Serbia</li> <li>■ Protection and rescue plan in case of landslides, rockfalls, and erosions</li> <li>■ Place and role of the individual - citizen before and after the occurrence of landslides and rockfalls</li> </ul>	2	Radovan Karkalic

Methodology	Video presentation, film, a variety of case studies and disaster scenarios
Place of training	National Defence School and Military Academy, University of Defence, Belgrade
Programme manager/ coordinator	Miroslav Talijan
Literature	Books, brochures, and material provided by lecturer

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