

<b>Study program/study programs</b> : Master academic studies Environmental Risk Management (MASERM)			
<b>Type and level of studies</b> : Master academic studies, II level of studies			
<b>Subject name</b> : <a href="#">Environmental Risk Management</a>		<b>Subject code</b>	6U1URZ
<b>Professor</b> : <a href="#">dr Ivan Lovre, associate professor</a>			
<b>Subject status</b> : Elective			
<b>Number of ECTS</b> : 7			
<b>Condition</b> : none			
<b>Subject goal</b> Mastered basic steps of the procedure assessment of the impact of various human activities on the environment. It is extremely important to introduce students to the mechanisms of risk management at all levels (ranging from enterprises and local communities, to national and global), and familiarizing with state, local and international regulation which regulates the area of impact assessment of facilities and activities on the environment.			
<b>Subject outcome</b> After completing this course the student is able to apply knowledge for defining the procedure of the impact assessment for the projects that may have significant impacts on the environment and the development of the study of impact assessment of priority pollutants on the ecosystem.			
<b>Subject content</b> <i>Theoretical classes</i> The basic principles of environmental protection. Legal, institutional and organizational framework of risk assessment. Management of environmental risks through plans and programs in the Republic of Serbia. Civil protection in the function of minimizing environmental risks. EU legislation in the field of risk assessment in the environment. EU programs and recommendations for emergency situations. The strategic environmental impact assessment. Defining and development of the procedure phase of environmental risk assessment. Analysis and evaluation of the quality of the environmental factors, the mutual impacts of existing and planned activities through the study of the environmental impact assessment. Public participation (practical examples) frame and procedure for obtaining the integrated IPPC permission, the procedure for obtaining IPPC permission. <i>Practical classes</i> On the example of the selected project and previously acquired knowledge in consultation with the teacher student defines impact assessment procedure for projects that may have significant impacts on the environment, then the content and scope of the study on environmental impact assessment and other issues of importance for environmental impact assessment. In the example of chosen pollutant matter or the group of the compounds, student proposes the algorithm of the environmental impact analysis. Types of pollution that will be included in the projects are: particulate contamination, metals, aromatic hydrocarbons, BTEX, polyaromatic hydrocarbons, polychlorinated biphenyls, pesticides, surface active agents, phosphate fertilizer, paint and varnishes, phthalates, dioxins, sulfur oxides, nitrogen oxides, chlorinated hydrocarbons, phenols, residues, pharmaceuticals and their metabolites, radionuclides, carbon dioxide, naphtha, thermal pollution, corrosive chemicals pollution.			
<b>Literature:</b> 1. B. Dalmacija; Predavanja- analiza uticaja na životnu sredinu, PMF, Novi Sad, 2010. 2. S. Bogdanić, S. Nojković, A. Vesić: Vodič kroz postupak procene uticaja na životnu sredinu, RAMBOLL-FINNCONSULT Oy, Espoo, Novi Sad, 2005. Pretraživanje interneta i/ili standardne bibliotečke dokumentacije, po definisanim temama			
<b>Additional literature:</b> 1. B. Dalmacija (Ed.), Parametri kvaliteta vode i sedimenata i tumačenje standarda (imisioni standardi), PMF-Departman za hemiju, biohemiju i zaštitu životne sredine, Novi Sad, 2012. 2. B. Dalmacija (Ed.), Granične vrednosti emisije za vode, PMF-Departman za hemiju, biohemiju i zaštitu životne sredine, Novi Sad, 2011. 3. S. Bogdanović (Ed.), Zaštita životne sredine Republike Srbije, Između politike i prakse približavanja EU, Jugoslovensko udruženje za vodno pravo, Novi Sad, 2008.			
<b>Number of active teaching classes</b>			Other classes
Lectures: 2 (30)	Practices: 3(45)	Other class forms:	Study research work:
<b>Teaching methods</b> Lectures, calculation exercises, consultations and project work.			
<b>Knowledge evaluation (maximum number of points is 100)</b>			
<b>Pre-exam obligations</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Activity during lectures	10	Written exam	20
Practical classes	20	Oral exam	20
Colloquium	-	.....	
Project	40		