



Subject code: RPP/221	Subject name: Environmental impact assessment methods		
Study cycle: III	Year: I	Semester: II	ECTS credits: 6
Status: Elective		Contact hours: 60 Lectures: 30 Practical courses: 30	
Assigned professors and assistants:	Lecturers and assistants selected for the field to which the course belongs		
Prerequisites:	/		
Subject objectives:	Introduction to the concept, objectives, tasks and principles of environmental impact assessment, the legal framework, as well as general and special methods applied to the analysis of natural and social geographical elements of the environment. Mastering knowledge of the creation and application of geospatial databases and the use of modern geoinformation technologies in environmental impact assessments. Also, the aim of the course is to master the knowledge of the application of laboratory and field research methods and techniques for the purpose of environmental impact assessment, as well as decision-making procedures, indicators, specificities of the development, evaluation, control and implementation of environmental impact assessments		
Teaching units:	1. Introductory lectures - Concept, goal, task and principles of environmental impact assessment methods; 2. Environmental impact assessments at the international and national levels; 3. Institutional and legal regulations in the field of environmental protection and environmental impact assessment; 4. Content of the environmental impact study - scope and structure; 5. Methodological framework of environmental impact assessment; 6. General methods of environmental impact assessment; 7. Special methods of environmental impact assessment; 8. Application of modern geoinformation technologies - spatial data modeling; 9. Assessment of impacts on natural geographical elements of space; 10. Assessment of impacts on socio-geographical elements of space;		



	11. Desk and laboratory research; 12. Field research; 13. Environmental impact assessment report - connection with other plans, studies and documents from the environment; 14. Decision-making process and public participation in environmental impact assessments; Selection of indicators and data sources in the process of applying the results of environmental impact assessment; 15. Specificities of development, evaluation, control and implementation of environmental impact assessment - practical examples															
Learning outcomes:	Knowledge: • Understanding and critically analyzing spatial complexes for the purpose of environmental impact assessments; • Recognizing the importance of environmental impact assessments for the purpose of spatial planning and management; Skills: • Collection and creation of geospatial databases for the purpose of environmental impact assessment; • Application of modern geoinformation technologies in spatial modeling; Competencies: • Application of general and special research methods for the purpose of environmental impact assessment; • Application of laboratory and field research methods and techniques for the purpose of environmental impact assessment; • Preparation of environmental impact assessments.															
Teaching methods:	Multimedia presentation and discussion (lecture); independent student research and joint analysis (practical courses).															
Knowledge testing methods with grading structure¹:	<table><tr><td></td><td><i>Maximum points</i></td><td><i>Minimum points</i></td></tr><tr><td>Attendance</td><td>5</td><td>3</td></tr><tr><td>Participation on lectures</td><td>5</td><td>3</td></tr><tr><td>Tests</td><td>40</td><td>22</td></tr><tr><td>Seminar paper</td><td>10</td><td>5</td></tr></table>		<i>Maximum points</i>	<i>Minimum points</i>	Attendance	5	3	Participation on lectures	5	3	Tests	40	22	Seminar paper	10	5
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Seminar paper	10	5														

¹ The structure of points and point criteria for each subject is determined by the Council of the organizational unit before the beginning of the academic year in which the subject is taught in accordance with Article 64, paragraph 6 of the Law on Higher Education of Sarajevo Canton



	Final exam	40	22
	TOTAL	100	55
Literature²:	Assessment:		
	<i>Grade</i>	<i>ECTS grade</i>	<i>Points scale</i>
	10	(A) excellent	95 - 100
	9	(B) very good	85 - 94
	8	(C) good	75 - 84
	7	(D) satisfactory	66 - 74
	6	(E) sufficient	55 - 64
	5	(F, FX) insufficient	55
Literature²:	Mandatory:		
	1. Đorđević, J., 2004.: Tipologija fizičko- geografskih faktora u prostornom planiranju. Beograd.		
	2. Filipović D., Vukičević S. (2011): Uvođenje zainteresovane javnosti u postupak strateške procene uticaja na životnu sredinu, Asocijacija prostornih planera Srbije, Beograd		
	https://www.apps.org.rs/prirucnikAPPS2011MR.pdf		
	3. Veljović, E., 2022., Analiza značaja strateške procjene uticaja na okoliš kao alata zaštite okoliša u BiH, Sarajevo.		
	4. Zakon o zaštiti okoliša, ("Sl. novine FBiH", br. 15/2021);		
	5. Centar za ekonomski, tehnološki i okolinski razvoj (CETEO), 2022., Strateška studija o procjeni utjecaja na okoliš za Federalnu strategiju zaštite okoliša 2022-2032.		
	6. Grupa autora, 2015.: Vodič za sprovođenje procedure strateške procjene uticaja na životnu sredinu u postupku izrade lokalnog planskog dokumenta, Podgorica		
	https://uom.me/wp-content/uploads/2015/12/VODIC_strateska-procjena.pdf		
	7. Marinović – Uzelac 1989.: Teorija namjene površina u urbanizmu. Zagreb		
Literature²:	Additional:		
	1. Thielmann, G., i dr., 2015., Strateška procjena uticaja na životnu sredinu u prostornom planiranju u Crnoj Gori Praktični priručnik za nadležne organe i stručnjake za planiranje, Podgorica/Frankfurt.		
	2. Institut za gađevinarstvo "IG" d.o.o Banja Luka – Naučno – istraživački institute, 2022., Strateška procjena uticaja na okoliš Plana upravljanja vodama za		

² The Senate of the higher education institution as an institution or a council of the organizational unit of the higher education institution as a public institution determines mandatory and recommended textbooks and manuals, as well as other recommended literature on the basis of which exams are prepared by a special act which is required to be published on its website before the beginning of the academic year in accordance with Article 56, paragraph 3 of the Law on Higher Education of the Sarajevo Canton.



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SUBJECT DESCRIPTION

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vodno područje rijeke Save u Federaciji Bosne i Hercegovine 2022:-2027.

3. Grupa autora, 2013.: Priručnik za sprovođenje postupka strateške procene uticaja na životnu sredinu u urbanističkom planiranju, AMBERO/ICON – GIZ , Beograd.
4. Kicošev, S., Dunčić, D., 1998.: Geografske osnove prostornog planiranja, Institut za geografiju PMF Novi Sad, Novi Sad.