



Subject code: RPP /108	Subject name: Evaluation of relief in regional and spatial planning		
Study cycle: III	Year: I	Semester: I	ECTS credits: 5
Status: Optional		Contact hours: 55 Lectures: 45 Seminar paper: 10	
Assigned professors and assistants:	Teachers and associates selected in the field to which the subject belongs.		
Prerequisites:	/		
Subject objectives:	Introduce candidates to the scientific analysis of relief identification, valorization and evaluation in regional and spatial planning. Special emphasis should be placed on the identification and valorization of structural-geomorphological and genetic types of relief for the needs of spatial planning and arrangement, and the impact of relief on the development of human activities by sectors. In addition, the course will consider the importance of field research in the evaluation of relief, especially in the spatial plans of special purpose areas.		
Teaching units:	<ol style="list-style-type: none"> 1. Earth's relief - the most important settings, importance in regional and spatial planning; 2. Structural-geomorphological types of relief - analysis for the needs of regional spatial planning; 3. Genetic types of relief in regional and spatial planning; 4. Morphometric characteristics of relief in regional and spatial planning; 5. Principles and methods of identification and valorization of relief forms and processes; 6. Relief analyzes and statistical processing; 7. Geomorphological diversity assessment; 8. Evaluation of the fundamental value of relief; 9. Influence of relief on other physical-geographical elements; 10. Influence of relief on population concentration and urban construction; 11. Influence of relief on primary, secondary and tertiary activities; 12. Evaluation of relief in special purpose spatial plans 13. Field relief research; 14. Application of geoinformation technologies and relief mapping; 		



	15. Assessment of endangerment of space caused by negative relief processes (relief risk and hazard analysis) for the purpose of regional and spatial planning.																					
Learning outcomes:																						
Teaching methods:	Multimedia presentation and discussion (lectures); practical work, educational material analysis and discussion (seminar).																					
Knowledge testing methods with grading structure¹:	<p>Knowledge test - criterion:</p> <ol style="list-style-type: none"> Theoretical bases of recognizing relief forms and processes for the purpose of regional and spatial planning – Oral discourses: max 25 - min 14 points Practical knowledge and work on gradation assessment and relief evaluation for the purpose of regional and spatial planning - Project tasks: max 25 - min 14 points Independent research work with oral verification: max 50 - min 27 points <p>Total 100 points, condition for passing: 55 points</p> <p>Assessment:</p> <table border="1"> <thead> <tr> <th>Grade</th> <th>ECTS grade</th> <th>Points scale</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>(A) excellent</td> <td>95 - 100</td> </tr> <tr> <td>9</td> <td>(B) very good</td> <td>85 - 94</td> </tr> <tr> <td>8</td> <td>(C) good</td> <td>75 - 84</td> </tr> <tr> <td>7</td> <td>(D) satisfactory</td> <td>66 - 74</td> </tr> <tr> <td>6</td> <td>(E) sufficient</td> <td>55 - 64</td> </tr> <tr> <td>5</td> <td>(F, FX) insufficient</td> <td>55</td> </tr> </tbody> </table>	Grade	ECTS grade	Points scale	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
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6	(E) sufficient	55 - 64																				
5	(F, FX) insufficient	55																				
Literature²:	<p>Mandatory:</p> <ol style="list-style-type: none"> Buzjak, N., (2008): Geokološko vrednovanje speleoloških pojava Žumberačke gore, Hrvatski geografski glasnik, 70 (2), 73-89. Buzjak, N., Bočić, N., Kvetek, F., (2017): Georaznolikost i geobaština NP Sjevereni Velebit, u: Zbornik sažetaka znanstveno-stručnog skupa „Od istraživanja k dobrom upravljanju Nacionalnim parkom Sjeverni Velebit, Krasno. Mamut, M., (2010): Primjena metode relativnog vrednovanja reljefa na primjeru otoka Rave (Hrvatska), Naše more 57 (5-6), 260 - 271 																					

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

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.



4. Bognar A., (1992): Inženjerskogeomorfološko kartiranje, Acta Geographica Croatica, vol.27, Geografski odjel PMF-a, Zagreb
5. Bognar A., (1999): Geomorfološka regionalizacija Hrvatske, Acta Geographica Croatica, vol.34 (1999.), Geografski odsjek PMF-a, Zagreb.

Recommended:

1. Allison, R.J. (ed.), (2003): Applied Geomorphology. John Wiley&Sons LTD.
2. Marković, M., (1983): Osnovi primijenjene geomorfologije, Geoinstitut, posebno izdanje, Knjiga 8, Beograd.
3. Wilson, J.P. , Gallant, J. C. (2000): Terrain analysis, principles and applications, John Wiley & Sons.