Subject code: RPP/106	**Subject name:** Climate evaluation in regional and spatial planning		
Study cycle: III	**Year:** I	**Semester:** I	**ECTS credits:** 5
Status: Optional		**Contact hours: 55** Lectures: 45 Seminar : 10	
Assigned professors and assistants:	Teachers and associates selected in the field to which the subject belongs.		
Prerequisits:	/		
Subject objectives:	- introducing students to the climatic bases of regional and spatial planning, - introducing students to the valorization of individual climatic elements and climatic factors for different areas and levels of regional and spatial planning.		
Teaching units:	1. Theoretical bases and methodological concept of climate evaluation in regional and spatial planning. 2. Weather and climate as a factor of regional and spatial planning. 3. Climatic factors and their importance in regional and spatial planning. 4. Valorization of annual and seasonal intensity of solar radiation in regional and spatial planning. 5. Valorization of air temperatures in regional and spatial planning. 6. Valorization of air humidity in regional and spatial planning. 7. Valorization of clouds and horizontal visibility in regional and spatial planning. 8. Valorization of precipitation in regional and spatial planning. 9. Wind valorization in regional and spatial planning. 10. Weather disasters and their significance in regional and spatial planning. 11. Valorization of climate types in regional and spatial planning. 12. Theoretical and applied bases of complex evaluation of climate elements in regional and spatial planning. 13. Theoretical and applied bases of combined evaluation of climate elements with other geographical component bases in regional and spatial planning. 14. Thematic climate mapping in the function of valorization of climate potentials in regional and spatial planning. 15. Theoretical and applied bases of valorization of climate potentials of Bosnia and Herzegovina in regional and spatial planning.		

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<tr><td>Learning outcomes:</td><td></td></tr>
<tr><td>Teaching methods:</td><td>Multimedia presentation and discussion (lectures); practical work, educational material analysis and discussion (seminar).</td></tr>
<tr><td>Knowledge testing methods with grading structure[1]:</td><td>Knowledge test - criterion:
1. Theoretical bases of climate valorization in regional and spatial planning: max 25 - min 14 points
2. Practical development of sets of thematic maps of climate elements and climate types in regional and spatial planning: max 25 - min 14 points
3. Independent research work with oral verification:
max 50 - min 27 points
Total 100 points, condition for passing: 55 points

Assessment:
<table>
<tr><th>Grade</th><th>ECTS grade</th><th>Points scale</th></tr>
<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>
</table></td></tr>
<tr><td>Literature[2]:</td><td>Mandatory:
1. Prostorni plan SR Bosne i Hercegovine (1981): Prirodni izvori i uslovi. Zavod za arhitekturu i urbanizam, Sarajevo.
2. Prostorni plan Federacije Bosne i Hercegovine, za period 2008. – 2028. (2012): Postojeće stanje. Urbanistički zavod BiH, Sarajevo.
3. Antonić, O., Križan, J., Marki, A., Bukovec, D. (2008): Prostornovremenska interpolacija klimatskih varijabli velikog regiona složenog terena pomoću neuralnih mreža. Istitut za ekologiju i zaštitu okoline „OIKON“. Zagreb.
4. Spahić, M. (2005): Opća klimatologija. Posebna izdanja GD u FBiH. Harfograf, Tuzla.
5. Šegota, T. (2004): Klimatologija za geografe. Školska knjiga. Zagreb. Milosavljević, M. (2000.): Meteorologija. Naučna knjiga. Beograd.
6. Milosavljević, M. (2000): Klimatologija. Naučna knjiga. Beograd.</td></tr>
</table>

[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.