

Level: bachelor				
Course title: Bachelor with Honours in Geography				
Subject title: Climatology and hydrology geo influences; dr Stevan Savić, dr Dragan Dolinaj				
Status: obligatory				
ECTS: 8				
Requirements: n/a				
Learning objectives Obtaining knowledge about climatology and hydrology influence on geographical space.				
Learning outcomes Mastering the knowledge related to changes in geographical space caused by climatological and hydrological factors.				
Syllabus <i>Theoretical instruction</i> Changes in geographic area caused by climate factors and their rapid temporal fluctuations; Changes in environment caused by huge amount of precipitation in short temporal periods; Changes in natural environment, artificial infrastructures, economies and human casualties made by river floods and landslides; Seasonal oscillations of climate changes (heat waves, draining soil, water level decreasing in lake accumulations, decreasing phreatic level of water) may caused various consequences – schedule of vegetation, negative oscillations of water level in rivers and lakes, vulnerability of agriculture areas; Interactions of climatology and hydrology processes; Negative hydrological events – vulnerability of river banks with regard to increasing of the water level, vulnerability of agriculture areas with regard to appearance of inner excess water, high phreatic level, appearance of floods; Consequences of negative hydrological events on society and economy; Possibilities of mitigation and adaptation on climate and hydrology changes. <i>Practical instruction</i> Visit: anti-hail protection system on the Fruška Gora mountain, Voda Vojvodine enterprise, embankment on the Danube river near the city of Novi Sad.				
Weekly teaching load				Other:
Lectures: 3	Exercises: 2	Other forms of teaching:	Student research:	