

<b>Level:</b> PhD			
<b>Course title:</b> Global climate changes and water management			
<b>Status:</b> elective			
<b>ECTS:</b> 11			
<b>Requirements:</b> None			
<b>Learning objectives</b> Provide information about global climate changes. Provide information about water management as part of the economy whose main task is sustainable using of surface and underground water and protection from the negative effects and pollution. The main goal is to understand the connection between global climate changes and main water management issues in Serbia, the region and globally.			
<b>Learning outcomes</b> Students will be competent for complex and comprehensive analysis of water management issues on Earth caused by intensive global climate changes. Furthermore, student will get knowledge related to the importance of mitigation global climate changes, as well as the significance of sustainable water management in everyday life and society.			
<b>Syllabus</b> <i>Theoretical instruction</i> Global climate changes – theory, causes and consequences Water management – concept and division Using and management of water and water gang Protection of water sources Global climate changes and water supply Global climate changes and irrigation of arid areas Global climate changes and flood protection Global climate changes and hydropower Global climate changes and navigation Global climate changes and erosion and torrents  <i>Practical instruction</i> Visit Vode Vojvodine enterprise in order to introduce students to the essential measures of sustainable water management (flood protection, drainage, irrigation etc.). Fieldwork Preparation of the scientific paper.			
<b>Weekly teaching load</b>			Other:
Lectures: 4	Exercises: 0	Other forms of teaching:	