Starla Davana DI D in Constitution (Constraints)			
L aval. DhD			
Course title: Clobal alimete abanges and water management			
L'oaturer(s): dr Dregosley Devié dr Steven Sevié			
Status: alactiva			
FCTS: 11			
EC13:11 Deguinemento: Neue			
Kequirements: None			
Adoption of basic knowledge about global climate changes and 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.			
Learning outcomes			
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.			
Syllabus			
Theoretical part			
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			
Practical part			
Visit Vode Vojvodine enterprise in order to introduce students to the essential measures of sustainable water			
management (flood protection, drainage, irrigation etc.).			
Field work			
Preparation of the scientific paper.			
Recommended literature			
<ol> <li>Kernan, M., Battarbee, R.W., Moss, B.R. (2010): Climate change impacts on freshwater ecosystems. Wiley-Backwell, 328 pp.</li> <li>McIlveen, R. (2010): Fundamentals of weather and climate. OUP Oxford, 632 pp.</li> <li>Shelton, M.L. (2009): Hydroclimatology – Perspectives and Applications. Cambridge University.</li> </ol>			
Press 438 nn			
4. van Dam, J.C. (2003): Impacts of Climate Change and Climate Variability on Hydrological Regimes			
(International Hydrology)(International Hydrology Series). Cambridge University Press, 160 pp			
5. Walter Leal Filho (Ed.) (2012): Climate Change and the Sustainable Use of Water Resources			
Springer: 823 pp.			
6. Лукић Л. Гавриловић Љ. (2005): Волоприврела. V. Хилропогија. Универзитет у Београлу			
Научна књига Београл. 323-371			
Weekly teaching load I Lectures: 4(60)		Student research:	
Teaching methodology			
Didactic teaching (monologue) dialogue dissension illustration and demonstration methods (multimedial			
presentations) field work			
Grading method (maximal number of points 100)			
Pre-evan obligations	points	Final exam	points
Seminar paper	50	Oral exam	50
Schillia papel	50		50