

Level: Master				
Course title: Applied Hydrology				
Status: elective				
ECTS: 6				
Requirements: None				
Learning objectives: Introduction to the basics of water resources management.				
Learning outcomes: Knowledge about a proper management of water resources, their capacities, limitations, as well as possible problems caused by inappropriate exploitation.				
Syllabus Introducing students to the possibilities of water exploitation and its limited capacities. Drinking water as a decreasing resource on the Earth and therefore becoming the more appreciated one. Importance of this resource for the countries which have if it is used properly. Hydroenergy is used for electrical energy production. Artificial accumulations of the water resources as being very important for population and agriculture. Hydrological objects, rivers and lakes are becoming touristic centres, places for travelling, sports and recreation. Therefore, water becomes important tourist resource, whereas clean and unpolluted water and its coastal area represent basic conditions for its exploitation. Techniques for water quality assessment have been constantly improved worldwide, and their significance is becoming greater. Students will be introduced to basic techniques for general water quality assessment. Water as the important traffic resource and the importance of rivers, canals, seas and big lakes for traffic routes development. Practical work: Visit to the Vode Vojvodine company, visit to the levee in Novi Sad.				
Weekly teaching load 4 (60)				Other:
Lectures: 2	Exercises: 2	Other forms of teaching:	Student research:	