

**Building Capacity  
of Serbian Agricultural  
Education  
to Link with Society**



**Izgradnja kapaciteta  
srpskog obrazovanja  
u oblasti poljoprivrede  
radi povezivanja sa društvom**

**Coordinator:  
University of Belgrade  
Faculty of Agriculture**

**Koordinator:  
Univerzitet u Beogradu  
Poljoprivredni fakultet**

## COURSE REGISTRATION FORM

<b>Teacher</b>	Ljiljana Ćurčić
<b>University</b>	EDUCONS University
<b>Course</b>	Sustainable water management in agriculture
<b>Target</b>	Agricultural Middle Schools
<b>Type</b>	classic
<b>Duration</b>	2 days - 16 hours

<b>Description</b>	<p>The aim of modern water management policy is to set up guidelines and framework for water protection, both in agriculture and other branch of industries, through planning and taking measures to ensure the sustainable management of water and through establishment and development of human resources in a systematic and organized way. The introduction of modern political, economic, environmental and technical instruments for rational use of water is going to be crucial in this process. Therefore, continuous improvement and enhancement of the gained knowledge in the field of sustainable water management is necessary.</p> <p>This course will enable development and strengthening of teacher's professional competence on sustainable water management in agriculture by obtaining of new theoretical and practical knowledge. An important aspect of the course is a critical assessment of scientific papers on innovative sustainable agricultural practice.</p>
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<b>Contents</b>	<p>Water resources in the world and Republic of Serbia. The legal framework for water management in agriculture (domestic and foreign regulations). The institutional framework for water management in the Republic of Serbia. Economic aspects of water management in agriculture. Water pollution sources. Water monitoring. Water use in agriculture. Water treatment technologies. Climate change and water management in agriculture.</p>
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<b>Objectives</b>	<p>The course will enable the participant to:</p> <ol style="list-style-type: none"> <li>1. Gain knowledge about legal and institutional framework for water management</li> <li>2. Understand economics of water management in agriculture</li> <li>3. Gain deep insight into the water pollution sources and water management</li> <li>4. Be able to critically read scientific papers on sustainable use of water in agriculture</li> <li>5. Obtain knowledge of the innovative water treatment technologies</li> <li>6. Be aware of the main linkages between climate change and water management in agriculture</li> </ol>
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<b>Activities</b>	<p>Course will start with an assessment test for all participants which will determine their level of knowledge on sustainable water management in agriculture. Based on test results, the scope of certain activities in the course will be more precisely defined in order to fulfill all course goals.</p> <p>The first part of the course will provide a discussion with course participants on water resources in the world and Republic of Serbia. In the next part of the course, teacher will introduce participants to the legal regulative in the area of water management (national and international regulations) and the institutional framework on water management in the Republic of Serbia.</p> <p>Also, participants will gain knowledge in economic aspects of water management in agriculture. Through the Water pollution sources workshop, participants will analyze the possible water contamination sources (biological, chemical, thermal, radioactive pollution).</p> <p>In the next section the course, participants will learn more about water monitoring. After that, participants will be divided into groups and analyze different scientific papers on sustainable use of water in agriculture.</p> <p>Afterwards, course participants will be introduced with innovative water treatment technologies. The last part of the course involves group discussion regarding the main linkages between climate change and water management in agriculture.</p>
<b>Materials</b>	<ol style="list-style-type: none"><li>1. Computers and projector</li><li>2. White A4 papers, pencils, blackboard</li><li>3. Scientific papers on sustainable agricultural practice</li></ol>