



## COURSE REGISTRATION FORM

|                   |   |
|-------------------|---|
| <b>Teacher</b>    | Srđan Šeremešić                                   |
| <b>University</b> | University of Novi Sad, Faculty of Agriculture    |
| <b>Course</b>     | Agoecological concepts of sustainable agriculture |
| <b>Target</b>     | Agricultural Middle Schools                       |
| <b>Type</b>       | blended   |
| <b>Duration</b>   | 1 day - 8 hours                                   |

|                    |   |
|--------------------|---|
| <b>Description</b> | This course aims to introduce participants with contemporary agro-ecological concepts which facilitate the sustainability of agriculture and food safety. On the basis of the presented material students are expected to transfer acquired knowledge and make it accessible to multiple users (i.e. farmers) that are able to effectively implement knowledge. Special attention will be given to analyses of the wider aspects of agroecology that in theoretical and practical terms can affect productivity and enhance agroecosystems services (biodiversity, nutrient cycling, green house gasses emission etc.) at farm level, as well as "bottom up" agroecosystem indicators assessment. |
|--------------------|---|

|                 |   |
|-----------------|---|
| <b>Contents</b> | <ol style="list-style-type: none"><li>1. The connection between ecology and agronomy</li><li>2. Basic concepts of sustainability in crop production</li><li>3. Ecological aspects of plant production (biodiversity, buffer strip, intercropping)</li><li>4. Sustainable cropping systems and their characteristics</li><li>5. Description of management technology for crops which application can contribute to the sustainability of agricultural production</li><li>6. Identification of problems that threaten the sustainability of agriculture at the local, regional and international levels</li></ol> |
|-----------------|---|

|                   |   |
|-------------------|---|
| <b>Objectives</b> | <ol style="list-style-type: none"><li>1. Ensuring the comprehension of sustainable agriculture principals</li><li>2. Recognition of the role of certain elements of agro ecosystems in achieving sustainability</li><li>3. Adoption of criteria for the identification of agroecosystems relevant for sustainable agriculture</li><li>4. Adoption of criteria for the selection of production systems that are applicable in our agro-ecological conditions</li><li>5. Introduction to the process of conversion of conventional agriculture into sustainable agriculture</li></ol> |
|-------------------|---|

|                   |   |
|-------------------|---|
| <b>Activities</b> | <ol style="list-style-type: none"><li>1. <i>Online</i> test to determine the current knowledge</li><li>2. Interactive presentation of new methods and concepts of agroecology using</li></ol> |
|-------------------|---|

---

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

---

*Moodle platform*

3. A critical assessment of previously learned knowledge in relation with new (presented) findings
  4. Practical teamwork (in groups of 3-4) - on the basis of given parameters participant will make plan of conversion from conventional to sustainable agriculture in *Moodle* platform - case study
  5. Evaluation of the conversion plan of each group
  6. Checking of understanding the presented material through the test *online*
- 

**Materials**

Equipment for the presentation, laptop, printed material for work.

---