



COURSE REGISTRATION FORM

Teacher	Aleksandar Potkonjak
University	University of Novi Sad, Faculty of Agriculture
Course	Applied veterinary epidemiology
Target	Agricultural Middle Schools
Type	blended
Duration	2 days - 16 hours

Description

In the last decade Veterinary epidemiology suffered significant revisions. The mere appearance of new diseases with changing of risk factors for the emergence of diseases and lifestyles of people, as well as technology development; greatly changed the definition, objectives and methods of the discipline. In our country, a few years ago, this subject did not exist as an independent in university curricula. As international institutions (WHO, FAO, OIE, CDC and ECDC) require the application of epidemiological knowledge and skills, additional education of teachers in secondary schools and republic veterinary inspectors is necessary. In the curriculum of vocational subjects for the educational profile of a veterinary technician, in secondary schools, subject Epizootiology is included (an archaic term for Veterinary Epidemiology), with a very limited and obsolete methodical units taught by teachers. Republic veterinary inspectors, primarily work on eradication of infectious diseases of animals and control of hygienic quality of food. Technical basis for this work presents veterinary epidemiology. Upon completion of the course students should be able to apply the basic principles of veterinary epidemiology and improve their professional activities.

Contents

1. Importance of international organizations
2. Notification of infectious diseases
3. Theory of cause and effect
4. Types of epidemiological studies
5. Incidence, prevalence, morbidity, mortality, lethality
6. Defining of type and size of samples
7. Epidemiological survey
8. Epidemiological investigation
9. *E-learning*: solving of epidemiological problems

Objectives

1. Acquisition of new knowledge on applied veterinary epidemiology and skills of applying of epidemiological methods
2. Modernization of teaching in the Epizootiology in secondary schools
3. Application of epidemiological methods in everyday professional work of republic veterinary inspectors

**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**

Activities	On the first day, participants attend the lectures (importance of international organizations, notification of infectious diseases; theory of cause and effect; types of epidemiological studies and incidence, prevalence, morbidity, mortality, lethality), individually solve a task (defining of type and size of samples) and work in group on topics (epidemiological survey and epidemiological investigation). On the second day participants, using E-learning Moodle, individually solve epidemiological problems and then the summative test.
Materials	1 st day - room for attending of lectures and organization of small groups of participants for workshop. Prepared and multiplied papers, manuals, instructions and questionnaires for workshop. ICT. 2 nd day - ICT.