



Network Rural Water Protection: Principles and practice-intensive course 16-20.4.2018 in Latvia University of Agriculture Jelgava, Latvia

5 ECTS

Short description of the course

For students studying rural water protection, it is important to keep up with the development of the field and measuring technology. During the course students can revise and process their knowledge about rural water protection and management. The course includes principles and practice of rural water protection and working in new mobile learning environment in cooperation with other international students.

Aims of the course

Aim of the intensive course is to enable studying in new learning environment by using mobile measurement technology. The intensive course is also an exchange of experience between teachers and students from Latvia, Finland and Lithuania about rural water protection in Baltic and Nordic countries. Students will get an overview of principles and technologies in the field of rural water research and management.

Expected learning outcomes

During the course students will practice researching of rural water conditions and complement their knowledge about the topic. Students will improve their skills for discussions and group work. Aims and tasks of the course will be achieved through lectures, exercises and field trip(s). In group work theoretical and practical knowledge will be used and the outcome is a report which analyzes received data and compares rural water protection practices between Baltic and Nordic countries.

Partner institutions

Latvia University of Agriculture LLU, Latvia
Utena University of Applied Sciences Utena UAS, Lithuania
Seinäjoki University of Applied Sciences SeAMK, Finland

Schedule for Network Rural Water Protection: Principles and Practice

Date	Lecture / activity topic	Teachers
Monday	10.00 Introduction to the course " Rural Water Protection: principles and practice" 12-16 Self introduction, dividing in groups (5 groups), presentations of pre-assignments 16-18 Lectures: Principles of water protection	Ainis Lagdins LLU Ingrida Kepalaite Utena UAS Sarita Ventelä SeAMK
Tuesday	9-11 Lectures of theme: Intensifying of nutrient cycle in agriculture (chemistry aspect) 12-14 Field trip: Site visits to the Lielupe and other in Jelgava city (nutrients and other parameters) 12-18 Workshop and analyzing of results	Sarita Ventelä SeAMK Ainis Lagdins LLU Ingrida Kepalaite Utena UAS Sarita Ventelä SeAMK
Wednesday	9-10 Lectures of theme: Monitoring of agricultural nonpoint source pollution in Nordic and Baltic countries 10-18 Field trip: Mellupite research site visit (rural area)	Ainis Lagdins LLU Ainis Lagdins LLU Ingrida Kepalaite Utena UAS Sarita Ventelä SeAMK
Thursday	9-11 Workshop and analyzing of results Mellupite research site 12-14 Lectures of theme: Environmental protection on rural territories (water, soil) 14-18 Practical tasks in groups	Ingrida Kepalaite Utena UAS Ainis Lagdins LLU Ingrida Kepalaite Utena UAS Sarita Ventelä SeAMK
Friday	9-11 Lectures: Protection measures of water quality improvements 11-12 Lunch 11-17 Presentations of results of learning diary. Discussion, course evaluation	Ainis Lagdins LLU Ingrida Kepalaite Utena UAS Sarita Ventelä SeAMK

Course period

Pre-assignment and distance learning incl. literature and exercises

Intensive course: 16-20.4.2018

Post-assignment: incl. learning diary

Registration to the course is open until 15.3.2018:

<http://bit.ly/waterprotection1>

More information from your home university:

Ainis Lagdzins, associate professor (LLU) ainis.lagzdins@llu.lv

Ingrida Kepalaite, lecturer (Utena UAS) ingridak03@gmail.com

Sarita Ventelä, lecturer (SeAMK) Sarita.ventela@seamk.fi