Blended/Online Learning for Climate Change: Bridging Theory, Technology, and Practical Application

ClimEd 5th Training (onsite/hybrid)

September 30–October 4, 2024
Tartu, Estonia

ANNOUNCEMENT

Erasmus⁺ ClimEd Project

ClimEd

Aim

The ClimEd Trainings are focused on training the faculty staff at the ClimEd partner institutions in advanced educational and information-and-communication technologies for building a flexible, multi-level, integrated, practice-based education system in the field of Climate Services, Climate Change Adaptation and Mitigation.

Training Programme

Lecturing (Blocks - B1, B2, B3, B4)

B1 (Mon) – Integrating Climate Education with Emerging Technologies. Establishing the base for climate education, the interplay between climate policy and educational technologies.

B2 (Tue) – Remote Sensing and GIS as Pedagogical Tools. Highlighting the use of Remote Sensing and GIS and discussing their incorporation into curricula for effective climate change education.

B3 (Wed) – Practical Application of Blended Learning and Assessment in Climate Education. Focusing on blended learning applications in climate education, an emphasis on online tools for creating and assessing coursework.

B4 (Thu) – Advancing Climate Education via Online Platforms. Online education strategies to enhance climate education.

Groups'/ teams' work (Tue-Thu)

Practical Workshop: "Developing GIS-based Educational Content - Case studies on Carbon Sequestration, Heat Islands, Floods in Urban Planning and Mitigation Strategies through Green Areas and Habitat Expansion. "

Practical Workshop: "Designing Engaging Blended Learning Experiences for Climate Topics."

Group Work Session: "Planning Your Blended Learning Module for Climate Topics."

Group Work Session: "Developing Exam Questionnaires for the Moodle Environment for Climate Change educational programs."

Groups'/ teams reporting (Thu-Fri)

– Groups' presentations and discussions.

– Evaluations of group, training course, and learning outcomes of the training

– Awarding e-certificates

Organizing Committee

Kalev Sepp, Volha Kaskevich, Anton Shkaruba, *Estonian University of Life Sciences, Tartu, Estonia.*

Hanna Lappalainen, Svyatoslav Tyuryakov, Alexander Mahura, *University of Helsinki, Helsinki, Finland.*

Tetyana Kryvomaz, *Kyiv National University of Construction and Architecture, Kyiv, Ukraine.*

Sergiy Stepanenko, **Oleg Shabliy, Inna Khomenko, Valeriya Ovcharuk**, *Odesa State Environmental University, Odesa, Ukraine.*

Lecturers

Peep Mardiste, Environmental Politics and International Climate Policy (*Chair of Environmental Protection and Landscape Management, Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Estonia)*. Lecture on "Climate Policy, Objectives, and Options, Impact to Climate Change" and WS on "Designing Engaging Blended Learning Experiences for Climate Topics."

Piia Post, Climate Sciences, Meteorology, and Climatology (*Faculty of Science and Technology, Institute of Physics, University of Tartu, Estonia*). Lecture on "Climate Scenarios, Models, and Applications."

Veiko Uri, Forestry, Silviculture, and Carbon Cycling in Forest Ecosystems (*Chair of Silviculture and Forest Ecology, Institute of Forestry and Engineering, Estonian University of Life Sciences, Estonia*). Lecture on "Carbon Sequestration in Forestry."

Kalev Sepp, **Nature Conservation and Landscape Management** (*Chair of Environmental Protection and Landscape Management, Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Estonia*). Lecture on "Urban Planning for Climate Resilience," focusing on practical work on topics "Floods, Heat Islands, Storm Water."

Mait Lang, **Remote Sensing, GIS, and Forest Management** (*Chair of Forest Management Planning and Wood Processing Technologies, Institute of Forestry and Engineering, Estonian University of Life Sciences, Estonia*). Lecture on "Introduction to Remote Sensing in Forestry and Climate Studies."

Anne Kull, **GIS, Geoinformatics** (*Chair of Environmental Protection and Landscape Management, Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Estonia*). Practical Workshop on "Developing GIS-based Educational Content."

Veljo Kabin, **Educational Technology** (*Department of Academic Affairs, Estonian University of Life Sciences, Estonia*). Lectures on "Blended/Online Learning in Education: An Introduction," "Designing entering online exam using Moodle for climate change and adaptation programs", and "Advanced Techniques in Moodle to Enhance Climate Education," emphasizing interactive online course creation.

Organizers

International Erasmus[+] ClimEd project (http://climed.network)
Estonian University of Life Sciences, Tartu, Estonia.
University of Helsinki, Helsinki, Finland.

Target audience

Teaching/ Research staff and postgraduates in educational and research disciplines

Selection criteria

Based on motivation letter (incl. why you need this training; how you use climatic information in your profession; how you plan to use such information in future; your commitment to training) & CV (max 2pages)

Registration deadline   1 September 2024
Language   English
Costs   no fee

Please apply *(including a motivation letter and CV) from the web page:*
http://climed.network/events/climed-trainings/climed-training-5/online-application-form/