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

"Multilevel Local, Nation- and Regionwide Education and Training in Climate Services, Climate Change Adaptation and Mitigation"
(619285-EPP-1-2020-1-FI-EPPKA2-CBHE-JP)
http://climed.network

Co-funded by the Erasmus+ Programme of the European Union

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) – Foundations of Climate Education and Technology Integration. Understanding climate education through advanced educational technologies, examining climate policy and objectives, and how blended and online learning can enhance teaching effectiveness.

B2 (Tue) – Designing Engaging Blended Learning Experiences for Climate Topics. Featuring practical workshops on creating effective blended learning strategies and planning modules.

B3 (Wed) – Developing and Assessing Online Exams for Climate Education. Mastering Moodle to create online exam questionnaires, equipping educators with the skills to design, deliver, and assess blended learning experiences.

B4 (Thu) – Advancing Climate Education via Online Platforms. Reinforcing blended learning strategies through participant presentations, critical review, collaborative feedback, and discussions on deploying online tools to enhance climate education.

Groups'/ teams' work (Tue-Thu)

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)

– 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 on Climate Change" and WS on "Designing Engaging Blended Learning Experiences for Climate Topics."

Tuukka Petäjä, Physical and Atmospheric Sciences *(Institute for Atmospheric and Earth System Research (INAR), Department of Physics, University of Helsinki, Finland).* Lecture on "Advanced Techniques in Atmospheric and Earth System Research."

Laura Riuttanen, Climate and Atmospheric Sciences, Developing Online Teaching on Climate Change (*Institute for Atmospheric and Earth System Research, University of Helsinki, Finland).* Lecture on "Innovative Educational Technologies for Climate Education."

Risto Makkonen, Climate, Atmospheric Aerosols, Earth System Models (*Institute for Atmospheric and Earth System Research, University of Helsinki, Finland).* Lecture on "Modeling for Climate and Environmental Research."

Jon Xavier Olano Pozo & Enric Aguilar, Climatology, Geography, Climate Services, Climate Datasets, Statistical Climatology, Climate Indices (*Centre for Climate Change, Universitat Rovira i Virgili, Spain).* Lecture on "Designing Online and Blended Learning Programs for Climate Education"

Kalev Sepp, **Nature Conservation and Landscape Management, and Veljo Kabin**, **Educational Technology** (*Chair of Environmental Protection and Landscape Management***,** *Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Estonia)*. Lecture on "Designing entering online exam using Moodle for climate change and adaptation programs."

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

Tetiana M. Tkachenko, Architecture, Green Transformation and Development *(Head of the Department of Environmental Protection Technologies and Labour Safety, Kyiv National University of Construction and Architecture, Ukraine).* Lecture on Adaptation to Climate Change by Green Structures.

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/