



COIL

Climate change and environmental sustainability

Introduction

Climate change and environmental sustainability are among the most pressing challenges of our time, demanding immediate and sustained action across all sectors of society. This training course is designed to equip participants with a comprehensive understanding of the multifaceted issues surrounding climate change, the global and regional frameworks established to combat it, and the economic and social strategies essential for fostering a sustainable future.

By the end of this course, participants will be equipped with the knowledge and tools necessary to contribute effectively to climate action and promote environmental sustainability within their respective fields.

Learning Objectives

- **Scientific Understanding:** Grasp the fundamental science of climate change, including its causes, effects, and projected future scenarios.
- **Policy Frameworks:** Explore international agreements such as the UNFCCC and the Paris Agreement, and understand their roles in global climate governance.
- **Regional Focus:** Examine the specific impacts of climate change in the Mediterranean region, identifying unique challenges and effective adaptation strategies.
- **Economic Perspectives:** Analyze the interplay between economic growth and environmental sustainability, investigating concepts like the decoupling of economic development from environmental degradation and the principles of a regenerative economy.
- **Sectoral Impacts:** Assess how climate change affects critical sectors such as fisheries, aquaculture, and water resources, and explore sustainable management practices.
- **Global Strategies:** Compare climate policies and initiatives across different regions, understanding diverse approaches to mitigation and adaptation.
- **Corporate Engagement:** Learn how businesses can align with the Sustainable Development Goals (SDGs), drive climate action, and combat environmental crime.

General Information

- **Starting Date:** Tuesday, **10 March 2026**
- **Ending Date:** Tuesday 19 May 2026
- **Duration:** 10 lessons + Summit simulation
- **Time:** **15:00 – 16:00 CET**
- **Prerequisites:** English level B1
- **Methodology:** Online interactive lectures, group work, and participation to the simulation of the summit



- **Credits:** 3 ECTS
- **Attendance Requirement:** Minimum 80% participation + group work to obtain 3 ECTS
- **Registration form Link:** <https://forms.gle/oYmyzJpfhy3kbtJ68>
- **Link to join the sessions:**

Lesson plan

1. Introduction to Climate Change
2. Climate Change in the Mediterranean region: challenges and lessons learned
3. The dilemma of growth
4. The decoupling
5. Third millennium economics on social science
6. The economic cost of climate change
7. European green policies: green deal and taxonomy regulation
8. Beyond the EU: climate strategies around the world
9. Reporting Environmental Migration
10. Fighting environmental crime
11. SUMMIT SIMULATION

Final Assignment: Simulation Summit Environmental Sustainability

Students will be divided into **5** groups, each representing one of the **five continents**. Throughout the course, each group will work collaboratively on a **research project** (document/presentation/infographic with key aspects) focused on their assigned continent, with the aim of developing a solid understanding of its environmental, economic, and policy-related challenges and strategies.

The research project should be delivered by the end of the course from the 12/05 to the 19/05/2026 and must contain the names of the participants.

This preparatory work will enable students to gather and analyze the information necessary to effectively represent their continent during the final summit and to contribute meaningfully to each panel discussion.

For the summit simulation, each group will select **1/2 representatives** who will present their continent's perspective on the panel topics and actively engage in the moderated discussion.

Pre-Summit Preparation

Throughout the course, each group will:

- Conduct **collaborative research** on the environmental, economic, and policy context of the assigned continent
- Identify key challenges, best practices, and strategies related to environmental sustainability
- Prepare a **shared continental position** to be presented during the summit



Opening & Framing (10 min)

The summit will be opened and coordinated by a **UNINETTUNO Chairman**, who will:

- Introduce the objectives and structure of the simulation
- Define the rules of engagement and time allocation
- Facilitate transitions between sessions
- Conclude the summit by synthesizing the main outcomes

Panel (35/40 minutes)

Each continental group will present key insights addressing the following thematic areas:

- Climate Impacts & Regional Challenges
- Economy, Growth & Sustainability
- Policies & Global Strategies

Each group intervention must last no more than **10 minutes** and should provide a concise and integrated overview covering all three themes from the perspective of the represented continent and should include 1 or 2 questions for another continental group.

MODERATED DEBATE (40 minutes)

The moderator will open and guide the discussion through:

- Targeted questions and prompts
- Cross-regional comparison and dialogue
- Reflection on convergences, divergences, and potential areas of cooperation

Closing session (10/15 minutes)

The summit will conclude with the definition of **shared outcomes**:

- A collective infographic summarizing the key concepts and insights that emerged during the panel and debate.

OUTCOMES

- Group work: paper, power point presentation, infographic
- Record of the Summit
- Collective Infographic