



ONLINE

SUSTAINABLE DEVELOPMENT

GREEN WORKS AND NATURE-BASED SOLUTIONS TO ADDRESS CLIMATE AND NATURE CRISES

FOCUS IN CONTEXT-SPECIFIC MEASURES TO PREVENT TRADE-OFFS AND MALADAPTATION

6 – 31 MAY 2024

 4 WEEKS

Information Note



International
Labour
Organization



International Training Centre

BACKGROUND

Nature and climate are intimately connected with the world of work. Some 1.2 billion jobs in sectors such as farming, fisheries, forestry and tourism are dependent on the effective management and sustainability of healthy ecosystems. Half of the world's Gross Domestic Product is, to a greater or lesser degree, dependent on nature.

The loss of biodiversity and climate change have therefore negative impacts not only on ecosystems, but also on jobs, economies, and livelihoods. Millions of people are already experiencing higher temperatures and extreme weather events, such as heat waves, droughts, and increased flooding, which are putting food security, water supply and jobs at risk. Vulnerable groups, especially in developing countries, will suffer the most from the changing weather patterns, not only because they are more exposed to climate-related impacts, but also because they have less access to social and financial support, including social protection.

A just transition is about supporting developing countries and the most vulnerable to adapt their economies, labour markets and infrastructure to the effects of climate change and biodiversity loss.

Holistic just adaptation measures such as green works, nature-based solutions or both can help us address both the climate and biodiversity crises. However, equal importance needs to be given to identifying and negotiate potential trade-offs in order to prevent maladaptation.

This course explores how to effectively design, implement and monitor projects in adaptation measures to transition to a greener and more resilient society. By undertaking a review of different approaches, examples and best practices, participants will learn more on how to identify and develop interventions that reduce future impact of climate change, while providing employment opportunities and enhancing the productive capacity of ecosystems. The course will have a specific focus on:

- Designing implementation adaptation measures - the development of green works using a local resource-based approach, nature-based solutions, hybrid approaches
- Identification and negotiation of trade-offs to prevent maladaptation
- Deep dive in 4 key sectors:
 - Forestry
 - Agriculture
 - Construction
 - Transportation

WHAT?

The course covers the following four modules:

Learning Block 1: Climate change, biodiversity loss and the rationale for green works, nature-based solutions or both

Learning Block 1 will provide a general overview of the linkages between climate change, biodiversity loss and the world of work, as well as the rationale for implementing green works, nature-based solutions, or both. Solutions are context-dependant, thus somethings a hybrid approach between grey infrastructure and NbS should be considered to prevent trade-offs that can result in maladaptation.

More specifically, it will cover the following topics:

- Overview of the ILO Employment-Intensive Investment Programme (EIIP)'s mandate and approach
- Climate change, biodiversity loss and its impact on the world of work and livelihoods
- The rationale for implementing adaptation measures such as green works and/or nature-based solutions
- The identification and negotiation of trade-offs to prevent maladaptation

SPEAKERS:

- Lisa Schipper - Lead Author of Chapter 18 of the Working Group 2 contribution to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC)
- Maikel Lieuw-Kie-Song
- Diego Portugal Del Pino

Learning Block 2: Climate change adaptation measures in forestry & agriculture

Forests are among the most important natural resources, providing industry with materials, communities with livelihoods, and plants and animals with habitat, especially for indigenous people and local communities. Agriculture as well represent a key important economic sector, however, unsustainable expansion is one of the key drivers of biodiversity loss as it is occurring in tropical areas. Thus, in relation to the prevention of maladaptive measures or any other potential trade-offs, it is important to consider also having strong social and environmental safeguards.

The second module will focus on adaptation measures aimed at protecting biodiversity and forests while ensuring sustainable agriculture systems.

Specific topics include:

- Social and environmental safeguards
- Forest & agriculture as economic sectors
- Deforestation and biodiversity loss and their impact on the world of work and livelihoods for indigenous people and local communities
- Climate change adaptation measures through forestry (good practices, examples and advice for implementation)
 - Afforestation and reforestation
 - Agroforestry

Learning Block 3: Climate change adaptation measures in flood control and rural transport enhancement

Climate change has already led to greater peak flows of water in rivers and the situation is likely to get worse in the future. Even low level, non-catastrophic, flooding may impact on urban and rural living conditions, jobs, livelihoods and transport. The third module of the course introduces participants to the issues flood control and protection, focusing on the following topics:

- Flooding and their impact on the world of work and livelihoods
- Types of flood control systems (good practices, examples and advice for design and implementation)
- Rural transport improvement and maintenance to ensure that road networks can withstand the increased level of rainfall and flooding

Learning Block 4: Climate change adaptation measures for water and soil management

Climate change is expected to significantly increase soil erosion, water availability and desertification. The last module introduces participants to water management and soil and water protection works, focusing on the following topics:

- Water availability and desertification and their impacts on the world of work and livelihoods
- Irrigation and watershed development (good practices, examples and advice for implementation)
- Soil and water conservation works (good practices, examples and tips for implementation)

WHO?

The course targets professionals involved in designing and implementing local, sectoral, national and global strategies for the transition to greener economies and climate change adaptation working in developing countries. The course specifically targets:

- Government officials operating at the local, provincial and national level;
- ILO, UN staff and development practitioners;
- Donor organizations who are working or would like to work on climate change adaptation and just transition;
- Public investment and employment policy advisors;
- Research and education institutions.

HOW TO APPLY

Applicants are kindly asked to send us:

1. A completed online registration form: <https://oarf2.itcilo.org/MIF/A9717048/en>
2. If you are financed by your organization (or a donor), an official sponsorship letter is required to finalize your registration. The letter can be uploaded to the application form or sent by email to: climate_nature@itcilo.org
3. If you pay the course fees directly, please note that the payment is due before enrolment in the course. More details about payment methods can be found [here](#).

FEES

Total costs per participant: €1,150

FURTHER INFORMATION

Language: English and French

Certificate: On completion of all required course activities, participants will obtain an ITCILO Certificate of Achievement

Contact: climate_nature@itcilo.org

WITHDRAWAL, CANCELLATION POLICY, AND REFUNDS FOR OPEN COURSES

If an enrolled participant wishes or must withdraw from a course, they may choose to apply to a different course or be substituted by another candidate. The participant must notify the Centre, in writing, of their decision at least 14 days prior to the start date of the course. Cancellation of participation in regular courses will result in the following penalties:

- 14 days or more prior to the start date of the course:
No penalty, 100% refund of amount paid less applicable bank charges
- 8 to 13 days prior to the start date of the course:
Penalty of 50% of course price, refund of residual amount paid (if any) less applicable bank charges
- 7 days or less prior to the start date of the course:
Penalty of 100% of course price.

INFO

FOR FURTHER INFORMATION PLEASE CONTACT

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