



ONLINE

EMPLOYMENT

# CLIMATE CHANGE ADAPTATION THROUGH GREEN WORKS

12 JUNE – 7 JULY 2023

 4 WEEKS

*Information Note*



International  
Labour  
Organization



International Training Centre

## OVERVIEW

The world of work is intimately connected with the natural environment. 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 <sup>1</sup>.

Climate change and other forms of environmental degradation 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 not only about the transition of the workforce, for example from fossil fuels industry to renewable energy, but it is equally about supporting developing countries and the most vulnerable to adapt their economies, labour markets and infrastructure to the effects of climate change and environmental problems.

A major role in local adaptation to climate change is played by green works, that refer to physical activities for the development and maintenance of infrastructure, ecosystems or community assets that have an overall positive environmental impact.

Green works, such as soil conservation, reforestation and flood protection, are highly labour intensive and have the potential to create employment for the vulnerable groups, while contributing to environmental rehabilitation and improvement.

This course explores how to effectively design and implement green works initiatives 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 the development of green works using a local resource-based approach and nature-based solutions, i.e. combining the use of local participation in planning with the use of locally available skills, technology, and materials.

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<sup>1</sup> *Natures Hires: How Nature-based Solutions can power a green jobs recovery*, ILO/WWF Publication, 2020

# WHAT?

The course covers the following four topics:

## **Learning Block 1: Climate change and the rationale for green works**

Learning Block 1 will provide a general overview of the linkages between climate change and the world of work, as well as the rationale for implementing green works.

More specifically, it will cover the following topics:

- Overview of the ILO Employment-Intensive Investment Programme (EIIP)'s mandate and approach
- Climate change and its impact on the world of work and livelihoods
- The rationale for implementing green works for climate change mitigation and adaptation

## **Learning Block 2: Climate change adaptation through 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 second module of the course introduces participants to the issues flood control and protection, focusing on the following topics:

- Climate change, 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 3: Climate change adaptation through water management and soil and water conservation**

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

- Climate change, 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)

## Learning Block 4: Climate change adaptation through biodiversity restoration

Forests are among the most important natural resources, providing industry with materials, communities with livelihoods, and plants and animals with habitat. They also support biodiversity, that is essential for human societies to function properly. The fourth module will focus on green works aimed at protecting biodiversity and forests. Specific topics include:

- Deforestation and biodiversity loss and their impact on the world of work and livelihoods
- Mitigation and adaptation through forestry (good practices, examples and advice for implementation)
- Examples and good practices of other nature-based solutions to restore natural ecosystems

The course also covers the following cross-cutting issues, that will be integrated in all four modules:

1. Local resource-based methods
2. Gender equality
3. Reaching vulnerable groups
4. Working conditions
5. Social dialogue

## 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. 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?

This 4-week eLearning course has been designed according to a learner-centred approach in order to better involve participants and keep them motivated. The learning journey combines four live sessions with four online Learning Blocks offered through the ITCILO eCampus online platform that participants will be able to complete at their own pace.

## HOW TO APPLY

Applicants are kindly asked to send us:

- A completed online registration form: <https://oarf2.itcilo.org/STF/A9715986/en>
- 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: [itcilo\\_eip@itcilo.org](mailto:itcilo_eip@itcilo.org)
- 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: €1,100

## FURTHER INFORMATION

**Language:** English and French

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

**Contact:** [itcilo\\_eip@itcilo.org](mailto:itcilo_eip@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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**COURSE CODE: A9715986**