



DAMAGE AND LOSS ASSESSMENT METHODOLOGY AND PLANNING FOR DISASTER RISK REDUCTION

in the context of the 2030 Agenda
for Sustainable Development in Latin America and the Caribbean

E-LEARNING / On-line training course

PROGRAMME



UNITED NATIONS



GENERAL INFORMATION:

Course language: *English*

Training method: *E-learning*

Duration: *from January, 13th to February, 10th*

Organizers: *Latin American and the Caribbean Institute for Economic and Social Planning*

DESCRIPTION:

The regional context...

On the path towards achieving the Sustainable Development Goals, many countries in our region experience levels of vulnerability and exposure to disasters that must be addressed in order to enable development.

Disasters are causing national catastrophes—especially in small island states—and are impinging on any progress made. More than 60% of countries in Latin America and the Caribbean are subject to medium to very high risk in the face of disasters caused by natural hazards.

The effects of climate change in the region have increased extreme natural events and forecasts suggest these will become more frequent over the coming years.

For the region, the challenge of development calls for enormous efforts to adapt to the effects of climate change and to mitigate disaster risks by reducing vulnerability and exposure to these events.

LEARNING GOALS:

In this on-line course students will learn about the role of planning in the design and implementation of disaster risk reduction strategies to build resilience at national and subnational levels. Students will also learn and apply the ECLAC's Damage and Loss Assessment methodology (DALA) to assess the effects and impacts of a disaster event and the financing needs it creates.

Students are expected to:

- Review disasters terminology, as well as the global and regional panorama of disasters associated with natural hazards.
- Understand the role of planning in developing risk reduction strategies
- Understand global development frameworks and their linkages to disaster risk management
- Understand the importance of disaster indicators and information systems to strengthen disaster risk management
- Understand the Damage and Loss Assessment (DALA) methodology designed by ECLAC for the economic evaluation of disasters
- Apply the DALA methodology to assess economic, social and environmental effects after a disaster occurrence
- Understand the cross-cutting consequences of natural disasters, such as macroeconomic and environmental impacts

COURSE CONTENT STRUCTURE:

January 13th – January 19th

LESSON 1:

- *Basic concepts and overview of disasters*
- *Global development frameworks and the role of planning in disaster risk management*
- *Disaster indicators and information systems for disaster risk management.*

January 20th – January 26th

LESSON 2:

- *DALA methodology overview*
- *Affected population*
- *Estimation of effects in social sectors: education, health, housing*

January 27th – February 2nd

LESSON 3:

- *Estimation of effects in infrastructure sectors: water and sanitation, power, telecommunications, transportation.*

February 3rd – February 10th

LESSON 4:

-Estimation of effects in productive sectors: agriculture, livestock, tourism

-Cross-cutting consequences of a disaster: macroeconomic and environmental impacts

Further information:

-Lessons will be enabled on a weekly basis. Each lesson has an estimated duration of 10 hours and should be completed before the following lesson is released.

-Contents will be put into practice through instructive exercises, short tests and group discussions.

-E-tutors will support the learning process and could be consulted at all times through the e-learning platform.

CERTIFICATION:

Participants who meet the evaluation criteria to approve this course will receive a diploma and an official certificate of approval issued by the Latin American and the Caribbean Institute for Economic and Social Planning (ILPES).

TARGET AUDIENCE:

The course is mainly aimed to government officials from ministries of planning, public works and national emergency offices in charge of the development and implementation of strategies for disaster risk reduction.

APPLICATION PROCESS:

To apply to this on-line course, please complete the enrollment form available at <http://sigcaportal.cepal.org/> :

Step 1: Please, register as new user at the *Integrated Training Management System of ILPES* (SIGCA). If you are already a registered user, please enter your username and password and follow step 2.

Step 2: Apply for the course and complete the form with the requested data, before the application deadline (November 30th).

FEES:

US\$ 250 (United States dollars) (*)

Payment methods: credit card / bank transfer

(*) This fee must be cancelled by December, 6th.

CONTACT:

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E-learning