

Background

Few issues pose a greater challenge to economic prosperity and human security than climate change. It represents one of the biggest environmental, social and economic threats facing the planet.

This twelve-week, blended learning programme has been jointly developed by The Energy and Resources Institute (TERI) and the Institute for Global Environmental Strategies (IGES), in collaboration with the World Bank Tokyo Development Learning Centre (TDLC).

The programme follows an interdisciplinary approach and is enriched by audio, video, and interactive web-based content. It uses the latest information and communication technology (ICT) tools and techniques and also employs a unique format of learning through video conferencing by utilizing the facilities of Global Development Learning Network (GDLN) - an initiative started and developed by the World Bank in 2000.

Objectives

- Build capacities of individuals and organizations for a better understanding of climate change dynamics;
- Evolve an interdisciplinary approach towards understanding the various challenges posed by climate change; and
- Provide participants an opportunity to demonstrate functional knowledge of the core issues of climate change through analysis and diagnosis of real-world problems.

Learning outcomes

After completion of the programme, the participants will be able to:

- Develop a holistic understanding of the climate-change problem, which can potentially affect all dimensions of life (business, society, environment, etc);
- Acquire technical skills required to address problems with respect to the varied dimensions of climate change;
- Identify, create, and reflect upon 'integrated approaches' and appropriate interventions that may lead to taking necessary action and coping with climate change; and
- Put theory into practice by
 - Applying science into policy making;
 - Exploring the risks and opportunities for business;
 - Formulating sound strategies for adaptation and mitigation; and
 - Understanding the interface between development and climate change.

Target audience

The programme has been customized for:

- **Development practitioners**
- **Policy makers**
- **Corporate sector**
- **Graduates and mid-level professionals**

The participants should have:

- Proficiency in English language; and
- Strong commitment and subject interest

Programme approach

The programme will commence with an introductory videoconference session that will provide an overview of the course structure and the core concepts.

The 12-week programme will consist of four learning modules spread over three weeks each. The duration of each module will be 20-25 learning hours. The programme will be delivered through a blended learning format comprising video-recorded lectures, academic articles and multimedia among others. It will be made available through the Moodle learning management system.

In order to ascertain assimilation, the participants will be evaluated on

- Participation in activities (20%):
 - Discussion Forum
 - Videoconferences/Webinars
 - Participant Feedback
- Intermediate tests (30%)
- Final assignment (50%)

Note:- Those who cannot watch live streaming can see the recorded version.

At the end of the programme, there will be a concluding videoconference during which a synthesis of the concepts presented throughout the course modules will be provided. The session will also summarize key themes and present the way forward.

Registration fees

US\$ 250 per participant.

20-40% scholarship may be offered to undergraduate students, unemployed & low income participants. Contact, Programme Coordinator at spcc@esdonline.org

Programme content

Module 1: *Science of climate change:*

Fundamental concepts related to the science of climate dynamics, natural forcing of the climate system, greenhouse effect, natural and anthropogenic drivers of climate change, methods and tools to detect changes in the climate, modeling, observed changes in the climate and causes behind climate change, scientific evidence of climate change, and so on.

Module 2: *Impacts of climate change:*

Impacts of climate change on different sectors and regions of the world.

Module 3: *Coping with climate change:*

Potential to harm societies and ecosystems, in particular, agriculture, forestry, water resources, human health, coastal settlements and natural ecosystems. This module will cover the following topics:

- Vulnerability assessment
- Concept of adaptation
- Types of adaptation
- Costs of coping with climate change

Module 4: *Action and political economy:*

- Negotiations, including the outcomes of the recent COP18 to the UNFCCC;
- Climate-change policies such as those promoting low-carbon technologies or lifestyle changes in key mitigation sectors; and
- Linking the negotiations with public policy, looking back at developments at COP18.

Certification

On successful completion of the programme, the participants will be awarded a joint certificate from **TERI, IGES and TDLC**.

Schedule

Activity	Dates
Registration	01 Aug to 08 Sep '13
Introductory VC session	13 Sep '13
Module 1 (including VC)	18 Sep to 09 Oct '13
Module 2 (including VC)	10 Oct to 31 Oct '13
Module 3 (including VC)	01 Nov to 21 Nov '13
Module 4 (including VC)	22 Nov to 13 Dec '13
Concluding VC session	16 Dec '13

How to Apply

Online registration at:

<http://www.esdonline.org/spcc/>

Venue and Inquiries

The Energy and Resources Institute

Core 6C, India Habitat Centre,
Lodhi Road, New Delhi-110 003

Contact: Programme Coordinator
Email: spcc@esdonline.org



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