

Most Urgent/
By Special Messenger

Government of Pakistan
Ministry of Foreign Affairs
United Nations Division

Section Officer (Administration)
Dy No. 13/03 Dated 13/12/22

Subject: Invitation to the e-learning course on "Compiling Climate Change Indicators"

Please find enclosed a self-explanatory invitation letter from the Statistical Institute for Asia and the Pacific (SIAP) of UNESCAP for the e-learning course on "Compiling Climate Change Indicators: An Accounting Approach" to be held on 16 January – 24 February 2023. Course guideline is also attached.

2. The course includes concepts relevant to compiling indicators that inform climate change. The topics covered include among others: climate change policies and indicators: energy and air emission accounts; and data sources.

3. It is requested to consider participation and nominate suitable official(s) for the subject course who are already working on climate change related issues. It is also requested to designate a supervisor or each participant who is expected to ensure the test of the course is taken in his/her presence. The nominations may be submitted to escap-siaptraining@un.org by **11 January 2023**, under intimation to our Mission in Bangkok at parepbangkok@mofa.gov.pk. Nomination form is available at the following link:

<https://forms.office.com/Pages/ResponsePage.aspx?id=2zWeD09UYE-9zF6kFubccKTTweiwclpIoK6Ali89FoJUOUgwNk1FTjYxTjRXMFRJUTl3WERA VzJMSS4u>

Encl: As above

D.S. (Admn)
Dy. No: 3025
Dated: 13-12-2022

AS (III) Dy. No: 5317
Dy. No: 09-12-22
Dated: 09-12-22

Maha
(Maha Shafiq)
Assistant Director (UN-IV)
051-9206143

21/12/22

Secretary, Ministry of Energy (Power Division), Islamabad

Secretary, Ministry of Climate Change, Islamabad

Chief Statistician, Pakistan Bureau of Statistics, Ministry of Planning, Development and Reform, Islamabad

Deputy Secretary (UN), Economic Affairs Division, Islamabad

Ministry of Foreign Affairs' U.O. No. UN(IV)-2/1/2022 dated 07 December 2022

E. OFFICE

JS (A)
13/12
13/12
13/12
13/12



UNITED NATIONS - NATIONS UNIES
ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC

STATISTICAL INSTITUTE FOR ASIA AND THE PACIFIC (SIAP)
JETRO IDE Bldg., 2-2 Wakaba 3-chome, Mihama-ku, Chiba-shi, Chiba 261-8787, Japan

TRG/E/CIM/2023

2 December 2022

Dear Sir/Madam,

Compiling climate change indicators: an accounting approach

(e-Learning course)

16 January-24 February 2023

INVITATION

I am pleased to inform you that our e-Learning course **Compiling climate change indicators: an accounting approach** will be conducted from 16 January-24 February 2023. Please note that UN SIAP conducted the same course in early 2022.

Climate change is one of the most pressing issues of our time. One of the important facets of climate change is its relationship to economic activities. Our production and consumption patterns, especially of energy products, have resulted in increased emissions of greenhouse gases which in turn has exacerbated global warming. Improving our understanding of the climate change and economy nexus is key to adopting and mitigating the impacts of climate change.

This course introduces concepts relevant to compiling indicators that inform climate change. The topics covered include among others: climate change policies and indicators; energy and air emission accounts; and data sources. Weekly webinars will also be held as part of the course to provide an overview of the topics and allow participants to ask questions. Following the completion of the course and depending on resource availability, in-kind support will be provided to countries interested in the compilation of climate change indicators that will be introduced and discussed during the course.

Target participants are officials in national statistical offices, line ministries (especially Ministries of Energy, Natural Resources and Environment) and other institutions who are working on climate change related issues. The course can also be useful to a wider audience who is interested to learn more about climate change indicators.

To: Head of the National Statistical Offices of ESCAP Member States and Associate Members

Central Tel: (81 43) 299 9782 • Central Fax: (81 43) 299 9780 • Cable: ASTAINST TOKYO
Director's Office Tel: (81 43) 299-9796 • Fax: (81 43) 299-2521 • Email: escap-siap@un.org
Website: www.unsiap.or.jp • UNESCAP Website: www.unescap.org

For further details on the course, please refer to the attached guidelines for participants.

I am pleased to invite you to nominate your officials for this course. Nominees from your office as well as other offices (e.g. Ministry of Energy, Natural Resources, Environment) working on climate change information that you think will benefit from the course are most welcome.

As a follow-up to the training and depending on resource availability, in-kind support will be made available to countries interested in compiling climate change indicators discussed in the course. Further details on the follow-up phase will be provided during the course.

If you wish to nominate your officials as participants of this course, please fill out the nomination form at the following link.

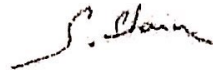
<https://forms.office.com/Pages/ResponsePage.aspx?id=2zWeD09UYE-9zF6kFubccKTTweiwclploK6AIi89FoJUOUgwIvNkIFTjYxTjRXMFRJUT13WERaVzJMSS4u>

I also request you to designate a supervisor for each participant. The supervisor is expected to ensure that the test of the course is taken in his/her presence.

The deadline for receipt of nominations is 11th of January 2023.

SIAP values our common goals of statistical capacity building and looks forward to a successful run of this course.

Yours sincerely,



Shailja Sharma
Director

Attachment: Guideline

Compiling climate change indicators: an accounting approach

(e-Learning course)

16 January-24 February 2023

Guideline

I. OVERVIEW OF THE COURSE

Climate change is one of the most pressing issues of our time. Its impacts on well-being are far reaching, including impacts on health and the economy. Humans have contributed to climate change largely through economic activities which are intrinsically linked to climate change. Our supply and use of energy for example has led to increased emissions of greenhouse gases which have resulted in global warming. A better understanding of the relationship between the economy and climate change through the compilation of relevant indicators is key to mitigating and adapting to climate change.

This course will focus on climate change indicators that can be compiled from environmental economic accounts. After a brief overview of climate change and, relevant policies and multilateral agreements, participants will learn how to compile various indicators that inform climate change. The focus of the course is on better understanding the relationship between climate change and economic activity. And the statistical framework that provides the concepts, definitions, and methodology for measuring this relationship is the System of Environmental Economic Accounting. In particular, participants will learn about physical supply and use tables for energy and air emissions, and indicators that can be compiled from these accounts. Other topics to be discussed include transaction accounts which can be used to derive expenditure type indicators such as those on taxes on energy and pollution. Further details on course content follow below.

II. TARGET PARTICIPANTS

The target audience are officials in national statistical offices, line ministries (especially ministries of energy, natural resources and environment) and other institutions who are working on climate change related issues. The course can also be useful to a wider audience who is interested to learn more about climate change. Please note that UN SIAP conducted the same course in early 2021 and early 2022; participants from the earlier courses are welcomed to join this course as a review of the topic.

III. LEARNING OUTCOMES

By the end of the course, participants will be expected to:

- learn about climate change and relevant policy initiatives
- learn about indicators that inform climate change
- understand how the compilation of energy, air emission and other accounts can be used to compile climate change indicators

- understand the differences between air emission inventories and accounts.

IV. COURSE DESIGN AND CONTENT

Each module consists of slides with explanations. After all modules have been completed, participants will be required to complete a final test that will cover all modules. The modules are expected to take a maximum of 6 hours to complete. Participants are also expected to attend weekly webinars and the "Joint EFTA/UNECE Webinars on Climate Change-related Statistics" (19-20 January 2022). The webinars will provide an overview of the course topics and allow for participants to ask questions; more details will be provided at the beginning of the course. Furthermore, participants are encouraged to actively participate in the online forum of the course. Topics for discussion will be posted on a regular basis and participants are invited to share their views/comments/questions.

Outline

Module	Coverage
1. Demand for Climate Change Indicators - the Policy Context	<ul style="list-style-type: none"> • Climate Change and Driving Forces-Pressures-State-Impact-Response (DPSIR) Framework • The global policy context • Climate change policies and indicators • Summary and outlook
2. Introduction to SEEA Central Framework and Energy Accounts	<ul style="list-style-type: none"> • System of Environmental Economic Accounting (SEEA) • SEEA-Energy • Energy related climate change indicators
3. Air Emission Accounts - Introduction and compilation	<ul style="list-style-type: none"> • Air Emissions • System of Environmental Economic Accounting: Air emission accounts • Compiling air emission accounts
4. Air Emission Accounts – Indicators and bridge tables	<ul style="list-style-type: none"> • Air emission accounts • Relationship between inventories and accounts • Air emission related indicators
5. Land, water and other accounts	<ul style="list-style-type: none"> • Introduction • SEEA land accounts • SEEA water accounts • Transactions accounting
6. Realizing a national indicator set	<ul style="list-style-type: none"> • The 8 steps to realize a national indicator set • Summary

V. EVALUATION

Participants must receive a 70% or higher in the test at the end of this course.

Participants will be given 60 minutes to complete the test. They may take the exam up to three times and retain their best score. Participants may not work together on the test. The course facilitator reserves the right to deny course certificates to participants suspected of cheating on the test. The supervisor is expected to ensure that the test of the course is taken in his/her presence.

VI. FOLLOW-UP PHASE

Following the completion of the training and depending on resource availability, in-kind support will be made available to countries interested in compiling climate change indicators discussed in the course. Further details on the follow-up phase will be provided during the course.

VII. SOURCE MATERIAL

This course draws upon various sources, including international statistical standards and case studies from national statistical offices.