



System of
Environmental
Economic
Accounting

Regional Training Workshop on an Accounting Approach to Climate Change Statistics and Indicators

11 April – 14 April 2023

Chiba, Japan

Concept note and provisional agenda



**United
Nations**

Department of Economic and Social Affairs
Statistics



1 BACKGROUND

The System of Environmental Economic Accounting (SEEA) provides the agreed upon statistical framework for measuring the relationship between the environment and the economy. It is comprised of two complimentary international statistical standards: the SEEA Central Framework (SEEA CF) and the SEEA Ecosystem Accounting (SEEA EA). The SEEA CF takes a resource-based approach to measuring the supply and use of environmental resources and availability of environmental assets. The SEEA EA takes a more holistic, approach in providing a spatially explicit approach to compiling accounts on ecosystems. The SEEA can be flexibly implemented by countries prioritizing accounts based on availability of information and policy priorities. The accounts are designed to respond to data needs for multiple policy initiatives including global initiatives on sustainable development and on mitigating and adapting to climate change.

In the Asia-Pacific region, climate change is one of the most pressing policy issues given its wide-ranging impacts on well-being. High quality, consistent data on the environment-economy nexus is needed to inform effective pathways for addressing climate change and related issues. National statistical offices (NSOs) of countries in the region have responded to this need by compiling various SEEA accounts, including taking steps towards compiling energy and air emission accounts which are among the most relevant accounts for informing climate change. However, there is a need to strengthen the capacities of NSOs to produce and disseminate SEEA accounts, in particular energy, air emission and carbon accounts, to better meet the needs of users for high quality integrated data on climate change and the economy.

The workshop, organized by the United Nations Statistics Division (UNSD) and the UN Statistical Institute for Asia and the Pacific (UNSIAP), with the support of the Office of the Director-General for Policy Planning on Statistical Policy, the Ministry of Internal Affairs and Communications of the Government of Japan, aims to further build capacities in the region for the compilation of SEEA accounts relevant to climate change.

2 OBJECTIVES

The objectives of the training program are to:

- a) help participants acquire knowledge and skills to deepen their understanding of energy, air emission and carbon accounts;
- b) develop good practices for the dissemination of the SEEA accounts, especially energy, air emission and carbon accounts, and resulting indicators;
- c) facilitate experience sharing among Asia-Pacific countries; and
- d) support countries to set up a strategy and work plan for the implementation and further development of SEEA accounts in support of climate change policies

3 LANGUAGE

The course will be offered in English.

4 TARGET PARTICIPANTS

Target participants are staff of national statistical offices and other agencies that:

- 1) have experience in SEEA and its implementation, particularly those working on energy, air emission and carbon accounts, and/or
- 2) are responsible for the production of climate change statistics and indicators.

5 ORGANIZATION

The 4-day workshop will take place in Chiba, Japan at the headquarters of UNSIAP. During the workshop, participants will discuss technical issues related to the compilation of energy and air emission accounts and other SEEA accounts closely related to climate change; they will also learn about good practices in dissemination.

Besides technical issues, participants are expected to share their experiences on producing and disseminating energy, air emission and carbon accounts. The workshop will consist of lectures, practical exercises and the sharing of experiences among countries through presentations and breakout group discussions.

6 CONTACT PERSONS

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PROVISIONAL AGENDA

Day 1: Tuesday, 11 April	
Time	Session
9:15 – 9:30	Registration
9:30 – 10:00	Opening remarks and ice breaker
10:00 – 11:00	Climate change policies and the SEEA
11:00 – 11:15	Coffee & tea break
11:15 – 12:15	Brief introduction to physical energy flow accounts and country experiences
12:15 – 13:45	Lunch
13:45 – 14:15	Global questionnaire for physical energy flow accounts
14:15 – 15:30	Exercise on physical energy flow accounts and indicators
15:30 – 15:45	Coffee & tea break
15:45 – 16:15	Exercise on physical energy flow accounts and indicators, continued
16:15 – 17:15	From energy balances to energy accounts

Day 2: Wednesday, 12 April	
Time	Session
9:30 – 10:00	Review of Day 1
10:00 – 11:00	Country experiences in compiling physical energy flow accounts
11:00 – 11:15	Coffee & tea break
11:15 – 12:15	Introduction to air emission accounts
12:15 – 13:45	Lunch
13:45 – 14:15	Global questionnaire for air emission accounts
14:15 – 14:45	From air emission inventories to air emission accounts
14:45 – 15:15	Exercise on air emission accounts
15:15 – 15:30	Coffee & tea break
15:30 – 17:00	Exercise on air emission accounts, continued

Day 3: Thursday, 13 April	
Time	Session
9:30 – 10:00	Review of Day 2
10:00 – 11:00	Country experiences in compiling air emission accounts
11:00 – 11:15	Coffee & tea break
11:15 – 12:15	Ecosystem accounts and the links to climate change
12:15 – 13:45	Lunch
13:45 – 14:45	Exercise on ecosystem extent accounts
14:45 – 15:15	Introduction to carbon accounts
15:15 – 15:30	Coffee & tea break
15:30 – 17:00	Exercise on carbon accounts

Day 4: Friday, 14 April

Time	Session
9:30 – 10:00	Review of Day 3
10:00 – 11:00	Institutional mechanisms and good practices in dissemination
11:00 – 11:15	Coffee & tea break
11:15 – 12:15	Exercise on dissemination
12:15 – 13:45	Lunch
13:45 – 14:45	Exercise on dissemination (continued)
14:45 – 15:15	Way forward and closing