



DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS
STATISTICS DIVISION
UNITED NATIONS

SEEA W Training Course

PROGRAMME

BACKGROUND

The United Nations Statistics Division (UNSD) is organizing a training course on the System of Environmental-Economic Accounting for Water Resources (SEEAW), New York, 13-17 November 2006, in response to the request of technical assistance from the National Bureau of Statistics of China (NBS).

This training is part of a joint project of the Ministry of Water Resources (MWR) and National Bureau of Statistics (NBS) on the 'Pilot Compilation of the *System of Environmental-Economic Accounting for Water* (SEEAW) in China'.

A Chinese delegation of 24 high-level experts from the Ministry of Water Resources and National Bureau of Statistics are attending the training. The list of the delegation is attached in Annex I.

The objectives of the training are:

- (a) to provide technical training on the SEEAW, with particular emphasis on the standard tables and their compilation;
- (b) to discuss applications of the SEEAW;
- (c) to share information on other country and international organization experiences.

The sessions on the specific modules of the SEEAW are organized in three parts: the first provides the fundamental principles of the specific SEEAW modules; the second focuses on the specific data and policy issues in China and the third provides hands-on guidance on the compilation of the accounts through working groups.

The objectives of the working groups are to try to populate the accounting tables using Chinese data, identify data gaps, and to adapt the SEEAW tables to reflect data availability and policy concerns in China.

PROGRAMME

Monday, 13 November

9:30-10:00 **Registration**

10:00-10:15 **Opening and objectives of training**

- Mr. Cheung, Director of UNSD
- Head of the Chinese delegation

10:15 – 11:30 **Session 1 – SEEAW for Integrated Water Resource Management**

This session aims at providing a general introduction of the SEEAW and its uses in support of IWRM and water policy. It starts with a general description of the water issues in China, followed by an introduction of the SEEAW and how it can be used to address these issues.

Presentations:

- Water issues in China (Chinese delegation)
- The SEEAW – A general introduction (Alessandra Alfieri, UNSD)

11:30-1:00 **Session 2 – The SEEAW framework**

This session provides information on the fundamental concepts, definitions and classifications used in the SEEAW. It starts with a general introduction on the basic concepts of the System of National Accounts (SNA) – in particular of the supply and use tables - and international classifications that are particularly relevant in the SEEAW. The Chinese delegation will give a presentation on National Accounts in China in terms of classification, SUT, regional accounts covering the Hai He river basin, and water related information in national accounts.

The overall SEEAW framework is presented in this session to show how the all the accounts which are discussed in more detail in the following sessions are integrated together. The UNSD/UNEP Questionnaire on water statistics and its link to the water accounting standard tables is presented as well as results of UNSD/OECD joint data collection exercise.

Presentations:

- General introduction to the SNA and supply and use tables (Herman Smith, UNSD)
- International standard classifications of economic activities and products: ISIC and CPC with focus on water (Ralf Becker, UNSD)

1:00-2:30 Lunch break

2:30-5:30 **Session 2 – The SEEAW framework (Continued)**

Presentations:

- National Accounts in China with a focus on water (Chinese delegation)
- The SEEA and SEEAW Framework (Alessandra Alfieri, UNSD)
- UNSD/UNEP Questionnaire on Environment Statistics (Jeremy Webb, UNSD)
- Results of UNSD/OECD joint data collection exercise (Yongyi Min, UNSD)

Tuesday 14 November

10:00-1:00 Session 3 – Physical supply and use tables

This session focuses on the physical supply and use tables (PSUT). It starts with a presentation of the concepts, definitions, accounting rules and indicators of the PSUT, followed by a presentation by the Chinese delegation on data availability for filling in the PSUT, possible experience in compiling PSUT for water and issues encountered. The objective of the working groups is to try to populate the PSUT using Chinese data and adapt the SEEAW tables to reflect data availability and policy concerns.

Presentations:

- Physical supply and use tables (Ilaria DiMatteo, UNSD)
- Data availability and experience in the compilation of SUT (Chinese delegation)
- Summary of country experiences in Europe (Michael Nagy, UNSD)
- Working groups
- Conclusions from the working groups

1:00-2:30 Lunch break

2:30-5:30 Session 4 – Emission accounts

This session focuses on the emission accounts. It starts with a presentation of the concepts, definitions, accounting rules and indicators of the emission accounts, followed by a presentation by the Chinese delegation on data availability for compiling the tables, experience in the collection of emission data and expected issues in integrating the emission data in the accounts. The objective of the working groups is to try to populate the emission accounts using Chinese data and adapt the SEEAW tables to reflect data availability and policy concerns.

Presentations:

- Emission accounts (Ilaria DiMatteo, UNSD)
- Data availability and expected issues in the compilation of emission accounts (Chinese delegation)
- Country case study: Austria (Michael Nagy, UNSD)
- Working groups
- Conclusions from the working groups

Dinner

Wednesday 15 November

10:00-1:00 Session 5 – Hybrid and economic accounts

This session focuses on the hybrid and economic accounts. It starts with a presentation of the concepts, definitions, accounting rules and indicators of these accounts, followed by a presentation by the Chinese delegation on data availability for compiling the tables, experience in the collection of economic data related to water and expected issues in integrating the economic data in the accounts. The objectives of the working groups are to try to populate the hybrid and economic accounts using Chinese data and adapt them to reflect data availability and policy concerns. This session includes a presentation of a country experience in the compilation of these accounts.

Presentations:

- Hybrid and economic accounts (Alessandra Alfieri, UNSD)
- Data availability and expected issues in the compilation of hybrid and economic accounts (Chinese delegation)

- Country case study: Netherlands (Bram Edens, UNSD)
- Working groups
- Conclusions from the working groups

1:00-2:30 Lunch break

2:30-5:30 **Session 6 – Asset accounts**

This session focuses on the asset accounts. It starts with a presentation of the concepts, definitions, accounting rules and indicators of these accounts, followed by a presentation by the Chinese delegation on data availability for compiling the tables, experience in the collection of hydrological data and expected issues in integrating the data in the accounts. The objective of the working groups is to try to populate the asset accounts using Chinese data and adapt the SEAW tables to reflect data availability and policy concerns. This session includes a presentation of a country experience in the compilation of these accounts.

Presentations:

- Asset accounts (Ilaria DiMatteo, UNSD)
- From the basic hydrological information to the asset accounts (Jean Michel Chene, UNDSO)
- Data availability and expected issues in the compilation of asset accounts (Chinese delegation)
- Working groups
- Conclusions from the working groups

Thursday 16 November

10:00-1:00 **Session 7 – Quality accounts**

This session focuses on the quality accounts. It starts with a presentation of various approaches used by countries to compile quality accounts, followed by a presentation by the Chinese delegation on data availability for compiling the tables, possible experience in the compilation of quality accounts and issues encountered.

Presentations:

- Quality accounts (Bram Edens, UNSD)
- Data availability and experience in the compilation of quality accounts (Chinese delegation)

1:00-2:30 Lunch break

2:30-4:30 **Session 8 – Valuation of Water Resources**

This session provides a review of valuation techniques for water and their consistency with the SNA. The Chinese delegation may present their experience.

Presentations:

- Valuation of water resources (Glenn-Marie Lange, Earth Institute)
- Data availability and experience in the valuation of water resources (Chinese delegation)

4:30-5:30 **UN-Tour**

Friday 17 November

10:00-1:00 **Session 9 – Examples of applications of water accounts**

This session focuses on the applications of the SEEAW in particular in the derivation of indicators for IWRM and modeling. It presents countries experiences in the application of the SEEAW.

Presentations:

- The SEEAW for IWRM (Roberto Lenton, Global Water Partnership)
- Applications of SEEAW in the derivation of indicators and modeling (Glenn-Marie Lange, Earth Institute)
- Applications of the SEEAW – The experience of Southern Africa (Glenn-Marie Lange, Earth Institute)
- Experiences on IWRM (Andrew Hudson, UNDP/GEF)

1:00-2:30

Lunch break

2:30-4:00

Session 10 – Closing

This session will summarize the conclusions of the working groups and will discuss the way forward in the implementation of the SEEAW in the Hai He river basin.