



# National Workshop on Shared Environmental Information Systems (SEIS) and Environmental Statistics for the Sustainable Development Goals (SDGs)

*Background, Objectives, Outputs, Key Logistics, Agenda*

**16-18 October 2017**

*Hyatt Regency Dushanbe  
26/1 Ismoil Somoni Avenue  
Dushanbe, Republic of Tajikistan*

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## Background

A rapidly-evolving knowledge-based society requires building up capacities to source, organize, interpret and communicate environmental data and information in an effective way in support of decision-making. In line with the principles of Shared Environmental Information Systems (SEIS)<sup>1</sup>, there is a recognition of the need for making available national data from credible sources in a meaningful way and in a format suitable to inform environmental governance.

In addition, environmental data and information need to be effectively collected, managed and shared online to support multiple uses at different governance levels to meet multiple reporting obligations, including reporting on MEAs and on progress towards implementing the environmental dimension of the 2030 Agenda for Sustainable Development, including its Sustainable Development Goals (SDGs).

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<sup>1</sup> SEIS principles of open access to data: i.e. data is managed as close as possible to source; and data is collected once and shared for many purposes



## Objectives

This workshop is designed to advance understanding and effective application of SEIS environmental data sharing principles by relevant national agencies in Tajikistan and to improve capacity for the production of environmental statistics for monitoring progress on the implementation of the Sustainable Development Goals (SDGs). The workshop's focus will be on highlighting practical, country-specific benefits of the System of Environmental-Economic Accounting (SEEA), the United Nations Framework for the Development of Environment Statistics (FDES), and their relation to relevant SEIS<sup>2</sup> and SDG<sup>3</sup> indicators, with a particular focus on Water and Forest accounts. To accomplish this objective the workshop will:

1. Take stock of relevant programmes and initiatives for the production and sharing of environmental data and statistics in Tajikistan as relevant to SEIS and the SDGs;
2. Build national capacity for the implementation of SEEA for the water and forest sectors;
3. Identify existing gaps and further training needs for SEIS implementation and the production of environmental statistics, accounts and indicators for national reporting on the SDGs.

## Outputs

The workshop has a number of distinct outputs:

- Strengthened knowledge base of SEEA for water reporting on the state of environment by linking relevant data and information and making it easily accessible in line with the principles of SEIS;
- Strengthened knowledge on forest accounting, and identified topics for an advisory mission or specialized workshop on forest and land accounting in 2018;
- Way ahead for better coordinated data sharing processes to report on the environmental dimension of the SDGs.

In addition, the workshop will also contribute to promoting a shared understanding among practitioners of the national knowledge base and challenges for interpreting and communicating environmental data and information in an effective way in support of decision-making and reporting.

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<sup>2</sup> <https://www.unece.org/env/indicators.html>

<sup>3</sup> <https://unstats.un.org/sdgs/indicators/indicators-list/>

## Key Logistics

- **Location:** The entire 3-day workshop is being held at the Hyatt Regency Dushanbe
- **Participation:** It is envisioned that the opening day will be attended by 60-70 invitees from across national state agencies, civil society and international organizations based in Tajikistan. Representatives from environment agencies and national statistics offices from Kazakhstan, Kyrgyzstan and Uzbekistan will also be invited to promote regional cooperation and sharing of experience. It is envisioned that roughly 40 invitees will remain for the full 3 days.
- **Speakers:** A number of authoritative speakers from the Agency for Statistics under the President of Tajikistan and the Committee for Environmental Protection under the Government of Tajikistan, as well as representatives from the United Nations Development Programme (UNDP), United Nations Economic Commission for Europe (UNECE) and UN Environment (UNEP) will be delivering various interventions in areas identified in the annotated agenda. Invited speakers from other countries in the region will also deliver presentations as relevant. Speakers have been invited to bring various perspectives on SEIS and SDGs to the workshop, in relation to the technical components of water and forest accounts; all speakers and attendees will be able to participate in all sessions.
- **Website:** [www.undp.tj](http://www.undp.tj); [www.untj.org](http://www.untj.org)
- Follow the updates on Twitter at: [#StatDev4SDGs](https://twitter.com/StatDev4SDGs)

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16-18 October 2017

## AGENDA

### Monday October 16<sup>th</sup> (Day 1)

*The first day will focus on reviewing the state of production and sharing of environmental data and statistics at national level. The first half of the day will also be run as the “high level part” where senior UN, Government and partner officials will attend.*

Time	Topic
08:30-09:00	<p><b>Registration/Coffee</b></p> <p>Registration will take place outside the main conference room in Hyatt Regency Dushanbe (Coffee served during registration)</p>
09:00-10:00	<p><b>Session 1: Opening and Introduction</b></p> <p><b>Moderator:</b> Team Leader Sustainable Development, <b>Mr. George Bouma</b>, UNDP Istanbul Regional Hub</p> <p><b>Opening:</b></p> <ul style="list-style-type: none"> <li>- UN Resident Coordinator, UNDP Resident Representative (RC/RR) in the Republic of Tajikistan, <b>Dr. Pratibha Mehta</b>, UN/UNDP</li> <li>- Director, <b>Ms. Hasanzoda Gulnora Kenja</b>, Agency for Statistics under the President of the Republic of Tajikistan</li> <li>- Deputy Chairperson, <b>Ms. Oikhon Sharipova</b>, Committee for Environmental Protection under the Government of the Republic of Tajikistan</li> </ul> <p><b>Introduction and objectives of the workshop:</b></p> <ul style="list-style-type: none"> <li>- Statistician, <b>Mr. Michael Nagy</b>, United Nations Economic Commission for Europe (UNECE), Statistical Division</li> <li>- Regional Coordinator, <b>Mr. Matthew Billot</b>, UN Environment, Science Division</li> </ul> <p><b>Overview of the UNDP and UN Environment PEI and UNDP AFT projects:</b></p>

Time	Topic
	<ul style="list-style-type: none"> <li>- Team Leader Sustainable Development, <b>Mr. George Bouma</b>, UNDP Istanbul Regional Hub</li> </ul>
10:00-10:15	<b>Coffee Break</b>
10:15-11:00	<p><b>Session 2: National Perspective on Environmental Data Sharing</b></p> <p><b>Moderator:</b> Project Coordinator, Poverty-Environment Initiative, <b>Ms. Tahmina Azizova</b>, UNDP-UN Environment</p> <p><b>National Perspective on Environmental Data Sharing:</b></p> <ul style="list-style-type: none"> <li>- Deputy Director, <b>Mr. Davlatzoda Qiemuddin</b>, Agency for Statistics under the President of the Republic of Tajikistan – Overview of SEEA and environmental indicators application in Tajikistan</li> <li>- Head of Scientific-Information Center “Tabiat”, <b>Mr. Timur Nazarov</b>, Committee on Environmental Protection – Public Sharing of Environmental data through online platforms</li> <li>- Center for Biodiversity and Biosafety of the Committee for Environmental Protection under the Government of Tajikistan, <b>Mr. Dilovar Dustov</b> – Overview of the UNDP-GEF project: Strengthening Capacity for Environmental Information Management in Tajikistan</li> </ul> <p><i>Facilitated Session with Speakers providing a 15 minutes speech; 15 minutes moderated Q&amp;A</i></p>
11:00-12:00	<p><b>Session 3: Other Perspectives on Environmental Data Sharing in Central Asia</b></p> <p><b>Moderator:</b> Statistician, <b>Mr. Michael Nagy</b>, UNECE, Statistical Division</p> <p><b>Regional Perspective on Environmental Data Sharing:</b></p> <ul style="list-style-type: none"> <li>- Speaker #1: Regional Perspectives on SEIS implementation in Central Asia, <b>Mr. Viktor Novikov</b>, Zoi Network Geneva</li> <li>- Speaker #2: SEIS implementation in Kazakhstan, <b>Mrs. Aigul Yepbayeva</b>, Head of Division of production of Environment Statistics, Committee on statistics of the Ministry of National economy of the Republic of Kazakhstan</li> </ul> <p><i>Facilitated session with speakers providing a 15 minutes speech; 15 minutes moderated Q&amp;A</i></p>
12:00- 13:00	<b>Lunch – on site</b>
13:00-14:45	<p><b>Session 4: SEIS and SDGs</b></p> <p><b>Moderator:</b> Statistician, <b>Mr. Michael Nagy</b>, United Nations Economic Commission for Europe (UNECE), Statistical Division</p>

Time	Topic
	<p><b>SEIS and SDGs:</b></p> <ul style="list-style-type: none"> <li>- <i>Speaker #1: Pan-European efforts towards SEIS implementation and the Environmental dimension of the SDGs, <b>Mr. Matthew Billot</b>, UN Environment</i></li> <li>- <i>Speaker #2 : SEIS implementation: environmental information scorecards and on-line state of environment reports, <b>Mr. Viktor Novikov</b>, Zoi Network Geneva</i></li> <li>- <i>Speaker #3: SDG Indicators relevant for monitoring the environmental dimension of the SDGs, <b>Mr. Olzhas Atymtayev</b>, UN Environment</i></li> </ul> <p><i>Facilitated session with speakers providing a 25 minutes presentation; 30 minutes moderated Q&amp;A</i></p>
14:45-15:00	<b>Coffee Break</b>
15:00-16:30	<p><b>Session 5: Statistical frameworks for environment-related SDGs</b></p> <p><i><b>Moderator:</b> Regional Coordinator, <b>Mr. Matthew Billot</b>, UN Environment, Science Division</i></p> <p><b>Statistical frameworks for environment-related SDGs:</b></p> <ul style="list-style-type: none"> <li>- <i>United Nations Framework for the Development of Environment Statistics, <b>Mr. Michael Nagy</b>, UNECE, Statistical Division</i></li> <li>- <i>Introduction into the System of Environmental-Economic Accounting (SEEA), <b>Mr. Michael Nagy</b>, UNECE, Statistical Division</i></li> </ul> <p><i>Technical training</i></p>



## Tuesday October 17<sup>th</sup> (Day 2)

The second day will be fully dedicated to technical training on objectives of standardizing concepts and methods in water accounting. The Session 6 will be a continuation of Day 1 Session 5 on Water Accounting and will provide a conceptual framework for organizing economic and hydrological information, enabling a consistent analysis of the contribution of water to the economy and of the impact of the economy on water resources.

Time	Topic
10:00-10:15	<p><b>Session 6: Recap of Day 1</b>  <b>Moderator:</b> Project Coordinator, Poverty-Environment Initiative, <b>Ms. Tahmina Azizova</b>, UNDP-UN Environment</p> <p>Recap of the main trends and issues with highlights of Day 1 to help participants transition to Day 2 including a reminder on the issues that will be taken into account throughout Day 2</p>
10:15-11:30	<p><b>Session 7: Water Policies in Central Asia and Tajikistan</b>  <b>Moderator: Mr. Michael Nagy</b>, UNECE</p> <ul style="list-style-type: none"> <li>- Water policies of Tajikistan, information needs and data-related challenges, <b>speaker from national organization</b> (Mr. Anatoliy Pulatov, senior leading specialist, Ministry of Energy and Water Resources)</li> <li>- PEI and the need for water statistics and water accounts, <b>speaker from UNDP</b> (Mr. Rustam Aminjanov, Director of the national think tank “NAVO”, lead author of the Public Environmental Expenditure Review in Water sector of Tajikistan (WPEER).)</li> <li>- Water policies in Central Asia and their information needs, <b>speaker from Scientific-Information Center of the Interstate Coordination Water Commission of Central Asia (SIC-ICWC)</b> (Mr. Denis Sorokin, Head of Department, SIC-ICWC)</li> </ul> <p>Facilitated session with speakers providing a 15 minutes speech; 15 minutes moderated Q&amp;A</p>
11:30-11:45	<b>Coffee Break</b>
11:45-13:00	<p><b>Session 8: Water Accounting</b>  <b>Moderator &amp; Speaker: Mr. Michael Nagy</b>, UNECE, Statistical Division</p> <ul style="list-style-type: none"> <li>- Physical flow accounts</li> <li>- Asset accounts</li> </ul> <p>Technical training</p>
13:00-14:00	<b>Lunch – on site</b>
14:00-15:30	<p><b>Session 9: Water Accounting (continuation)</b>  <b>Moderator &amp; Speaker: Mr. Michael Nagy</b>, UNECE, Statistical Division</p>

Time	Topic
	<ul style="list-style-type: none"> <li>Emission accounts</li> <li>Hybrid accounts</li> </ul> <p>Technical training</p>
15:30-15:45	<b>Coffee Break</b>
15:45-17:00	<p><b>Session 10: Water Accounting (continuation)</b> <i>Technical training and discussion</i>  <b>Moderator &amp; Speaker: Mr. Michael Nagy, UNECE, Statistical Division</b></p> <ul style="list-style-type: none"> <li>Data production, stumbling blocks and solutions</li> <li>Discussion of the national situation and possible way forward</li> </ul>

### Wednesday October 18<sup>th</sup> (Day 3)

*The third day will focus on identification of existing gaps and further training needs for SEIS implementation and production of environmental statistics, accounts and indicators for SDGs.*

Time	Topic
09:00-09:05	<p><b>Session 11: Recap of Day 2</b>  <b>Moderator: Mr. Michael Nagy, UNECE, Statistical Division</b></p>
09:05-11:25	<p><b>Session 12: Forest Accounting</b>  Moderator: Forest expert, <b>Ms. Birgit Altmann, UNECE, Forest, Land and Housing Division</b></p> <p><b>Setting the scene, need for forest accounts in Tajikistan:</b></p> <ul style="list-style-type: none"> <li>PEI and the need for forest statistics and forest accounts, <b>speaker from UNDP (tbc)</b></li> <li>Forest policies and related information demand, <i>speaker from national agency (tbc)</i></li> </ul> <p><b>Basic training on forest accounts:</b></p> <ul style="list-style-type: none"> <li>Training unit 1, <b>Ms. Birgit Altmann, UNECE, Forest, Land and Housing Division</b></li> </ul> <p>Technical training and discussion</p>
11:25-11:35	<b>Coffee Break</b>
11:35-13:00	<p><b>Session 13: Forest Accounting</b></p> <p><b>Basic training on forest accounting:</b>  Training unit 2, <b>Ms. Birgit Altmann, UNECE, Forest, Land and Housing Division</b></p> <p>Technical training and discussion</p>
13:00-14:00	<b>Lunch – on site</b>



Time	Topic
14:00-15:30	<p><b>Session 14: Existing Gaps and Further Training Needs on SEIS and Environmental Statistics for the SDGs</b></p> <p><b>Moderator:</b> Regional Coordinator, <b>Mr. Matthew Billot</b>, UN Environment, Science Division</p> <p>Statistician, <b>Mr. Michael Nagy</b>, United Nations Economic Commission for Europe (UNECE), Statistical Division – Self-mapping of SEIS- and SDG-relevant data flows and gaps to be addressed</p> <p>Recommendations/action points for further capacity building interventions</p> <p>Facilitated Session with Speaker providing a 30 minute learning session; 30 minute moderated Q&amp;A</p>
15:30-15:45	<p><b>Coffee Break</b></p>
15:45-16:00	<p><b>Session 15: Summary of Recommendations and Closing Remarks</b></p> <p><b>Moderator:</b> Project Coordinator, Poverty-Environment Initiative, <b>Ms. Tahmina Azizova</b>, UNDP-UN Environment</p> <p><b>Closing Remarks:</b></p> <ul style="list-style-type: none"> <li>- Deputy Director, <b>Mr. Davlatzoda Qiemuddin</b>, Agency for Statistics under the President of the Republic of Tajikistan</li> </ul> <p>Full plenary</p>