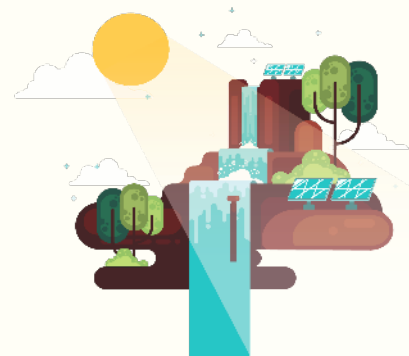


ESCAP Regional Capacity Building

Eighth Meeting of Expert Group on
Environment Statistics

20 October 2021



Basis for Capacity Building Activities in Asia-Pacific

A Collective Vision and Framework for Action

Engaging users
and investing in
statistics

Assuring quality
and instilling trust
in statistic

Integrated
statistics for
integrated
analysis

Modernizing
statistical
business
processes

Having requisite
skills set

“ ... by 2030, **national statistical systems** are **enabled** and **empowered** to lead development of and to deliver innovative, trusted and timely products and services for urgently needed and evolving statistical requirements of Agenda 2030.”

Basis for Capacity Building Activities in Asia-Pacific

Declaration on Navigating Policy with Data to Leave No One Behind

“...the realization of the collective vision and framework for action transcends the capabilities of national statistical systems and requires **a whole-of-government approach** with adherence to **three principles**”



Linking policy with data is needed for achieving SDGs and requires **dialogue between users and producers**.



Investments in NSS need to correspond to **resource requirements**.



NSOs and all government statistical units need to operate as **one integrated system**.

Basis for Capacity Building Activities in Asia-Pacific: Committee on Statistics Decisions on Accounting and Big Data

Environmental-economic accounts

To feature accounting for integrated statistics and analysis, focusing on sharing country experiences and providing technical assistance

- Ocean Accounting
- Disaster-related Statistics Framework (DRSF)
- Land cover and geospatial information

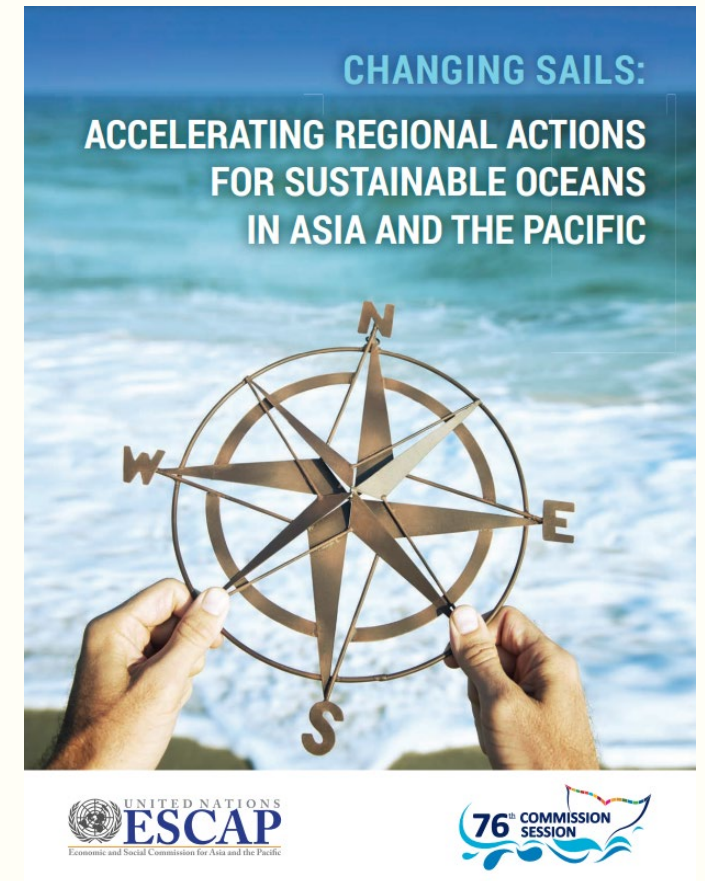
Big Data

To feature big data for official statistics, with emphasis on country sharing experiences and good practices and facilitating capacity development

- Use of satellite data for data disaggregation, focusing on poverty, urban resilience and disasters

ESCAP Commission Theme Study

- *"Promoting economic, social and environmental cooperation on oceans for sustainable development"*
- Data and statistics – one of key recommendations for regional cooperation on the oceans
- Data available only 2/10 targets on SDG14

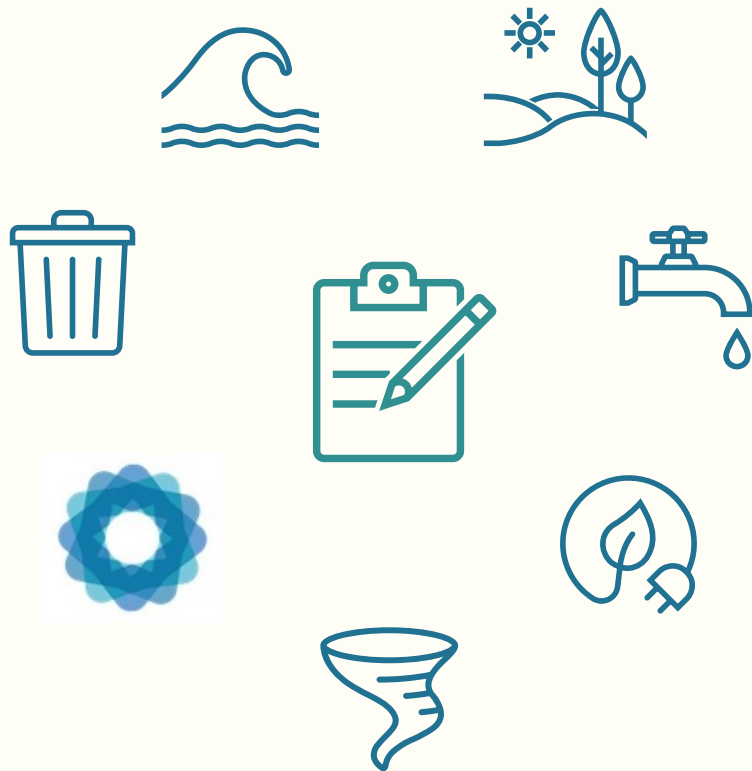


Key Messages

- **Demand-driven** approach continues to guide ESCAP in supporting Member States to meet their needs for environment statistics and accounts.
- By **consulting** with countries, **environmental challenges** and **national policy priorities** are addressed to help identify **account(s) needed** and to ensure they are aligned.
- **Tools/modalities** for capacity building at ESCAP:
 - Diagnostic tool
 - Training modules
 - E-learning courses
 - Multi-stakeholder workshops (sub-regional and national)
 - Manuals on using GIS to generate maps for environment and disaster related statistics
 - Asia-Pacific Stats Café Series
- **SEEA-CF** and **FDES** frameworks are emphasized and contextualized to meet country's needs.
 - Accounts and statistics also serve as basis for further disaster-related statistics compilation, as guided by the **DRSF**.

Current Environment Accounts and Statistics

Capacity Building



• National level

- Environment accounts and statistics:
 - **Waste accounts:** Bhutan, Maldives, Mongolia
 - **Land accounts:** Fiji, Malaysia
 - **Ocean accounts:** Samoa, Viet Nam, Indonesia, Fiji, Palau
 - **Water accounts:** Samoa, Maldives, Mongolia
 - **Energy accounts:** Samoa
 - **SEEA:** Philippines
- Disaster-related statistics:
 - Bangladesh ([EPiC tool](#)), Vanuatu
- DRSF National Workshop (led by SIAP):
 - Indonesia, Thailand

Map of Current Environment Accounts and Statistics Capacity Building



Current Environment Accounts and Statistics Capacity Building (cont.)

- **Regional/sub-regional Level**

- Land accounts: Central Asia

- Integrated Use of Geospatial and Statistical Data for Land Information

- Tourism Satellite Accounts: Samoa, Thailand, Viet Nam

- Ocean accounts study facilitated the development of tourism satellite accounts

- Disaster-related statistics

- Technical Working Group on Disaster-related Statistics in Asia and the Pacific (TWG-DRS) Meetings

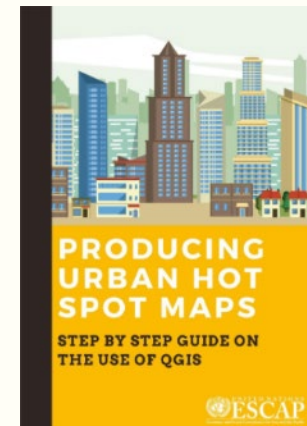
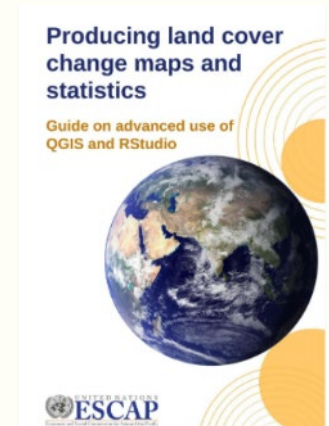
Current Environment Accounts and Statistics Capacity Building (cont.)

• Knowledge Products

- ESCAP manuals on using geospatial data to produce environment accounts and statistics
 - [Producing land cover change maps and statistics: Step by step guide](#)
 - [Producing land cover change maps and statistics: Guide on Advance Use of GIS and RStudio](#)
 - [Producing urban hotspot maps](#)
 - [Mapping Population Exposure to Hazards](#)
- With ESCAP-APDIM, [Report on Sand and Dust Storms Risk Assessment in Asia and the Pacific](#)

• Stats Cafés

- Stats Cafés series on land cover mapping, disaster-related statistics and big data (remote sensing and GIS, mobile phone data & big data governance)
- Recent café: Mapping Population Exposure to Hazards (18-Oct-21)



Capacity Building by ESCAP-UNSIAP¹

- Training courses, with topics include:
 - SEEA-CF and Environmental-Economic Accounting
 - Energy Statistics and Accounts
 - Solid Waste Accounts
 - Water Accounts
 - Environmental SDG Indicators (with UNEP and UNITAR)
 - Climate Change-related Statistics
 - Disaster-related Statistics National training: Indonesia, Thailand
- Facilitated and self-paced e-learning courses, as well as webinars
 - siap-elearning.org
- Linkages of SEEA-based courses and DRSF training to environment/climate change reporting

Outcomes and Constraints

- **Outcomes**

- Accounts being institutionalized
- Accounts are used to inform policies
- Accounts provide more disaggregation (sub-national)
- Sharing of good practices with other countries and international community
- Accounts: source of statistics/indicators for environment and climate-change reporting

- **Constraints**

- COVID-19 pandemic: restrictions in mobility and travel; delays in compilation
- Lack of financial and human resources; need for training
- Lack of institutional mechanisms for collaboration and sharing

THANK YOU

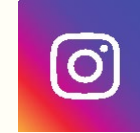
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