Working Group on Implementation of the SEEA EA – Forest areas

Forum of Experts on SEEA Ecosystem Accounting 8 Dicember 2021

Fernando Santos Martín

Universidad
Rey Juan Carlos

System of
Environmental
Economic
Accounting

SEEA-EA Forest WG

First WG meeting
22 November 2021
13 experts

SEEA-EA Forest WG

*"Considering the relevance of forests, their extent, condition and services they provide, in a large number of countries, **developing methodology for compiling forest ecosystem accounts globally were deemed a priority**".*
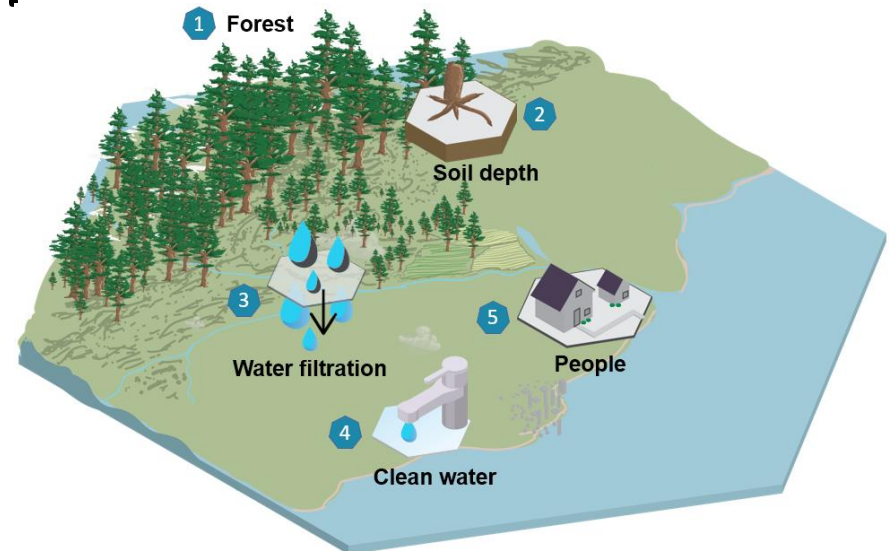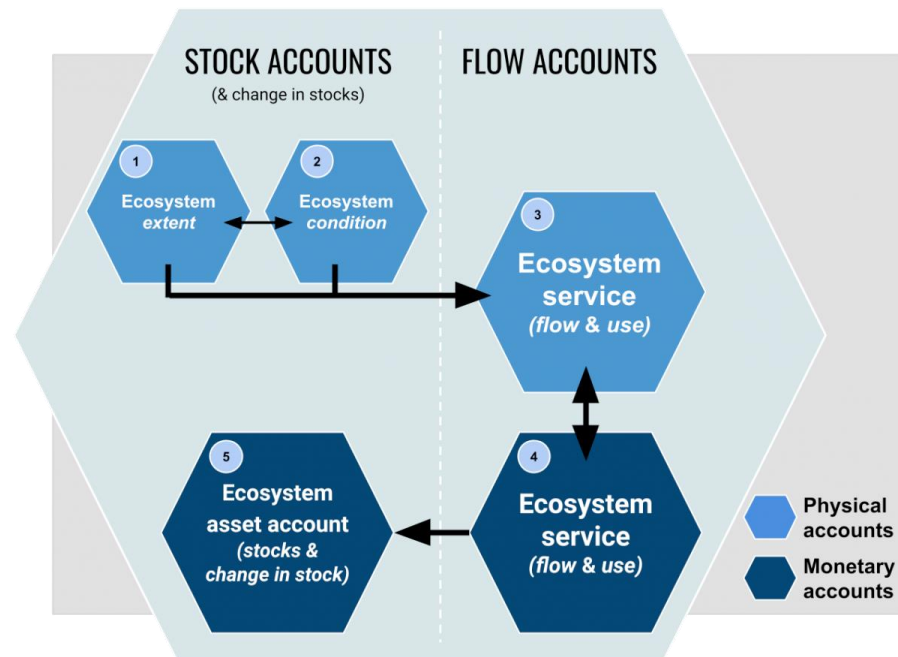
Figure 2: How ecosystem assets generate ecosystem services to beneficiaries in a spatial relationship (source: SEEA-EEA, 2021)

SEEA-EA Forest WG

*The **main objectives of the WG** are to contribute to the advancement of **the measurement of forest ecosystem accounts**, including identifying best practices, models, data and tools, looking at both biophysical and monetary aspects.*

SEEA-EA Forest WG

A **programme of work outlining priorities** and timeline will be developed jointly with the group depending on data availability and policy priorities.

?

2022	2023	2024	2025

SEEA-EA Forest WG

Three alternatives to set priorities:

1. **Demonstrations**–bringing together experts on biophysical and valuation data and models for measuring extent, condition and services.

2. **Applications**: identify direct link to policies where forest accounts would be need it for policy decisions

3. **Validation**– test forest accounts at different scales to trigger the "nationalization" process of developing forest accounts.

SEEA-EA Forest WG

- Three alternatives to set priorities:

1. **Demonstrations**—bringing together experts on biophysical and valuation data and models for measuring extent, condition and services. Use the guidelines on biophysical modelling as a starting point.
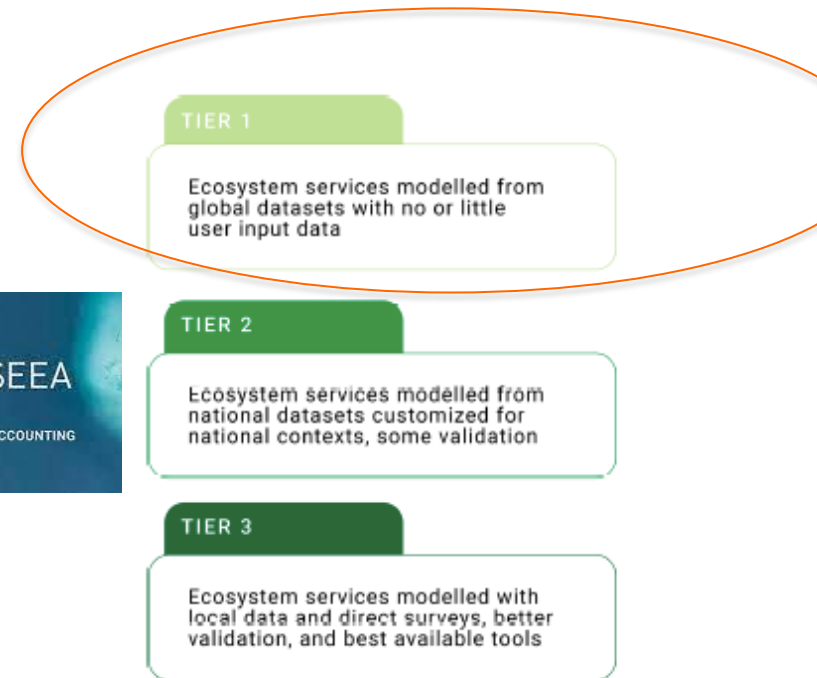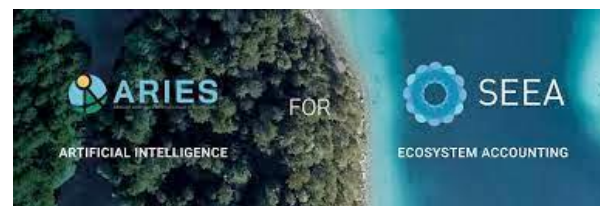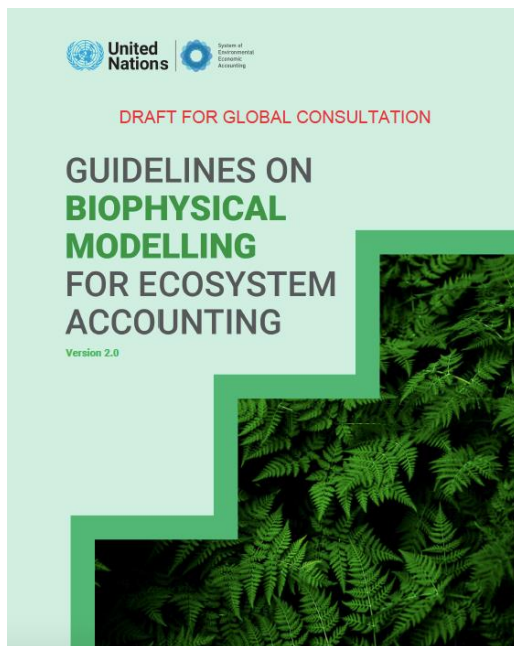

DRAFT FOR GLOBAL CONSULTATION

GUIDELINES ON **BIOPHYSICAL MODELLING** FOR ECOSYSTEM ACCOUNTING

Version 2.0

United Nations | System of Environmental Economic Accounting

ARIES ARTIFICIAL INTELLIGENCE — FOR — SEEA ECOSYSTEM ACCOUNTING

TIER 1 — Ecosystem services modelled from global datasets with no or little user input data

TIER 2 — Ecosystem services modelled from national datasets customized for national contexts, some validation

TIER 3 — Ecosystem services modelled with local data and direct surveys, better validation, and best available tools

Figure 5: Diagram of SEEA EA biophysical modelling tiers, each tier with varying levels of comprehensiveness.

SEEA-EA Forest WG

- Three alternatives to set priorities:

2. **Applications**: identify direct link to policies where forest accounts would be need it for policy

SEEA-EA Forest WG

- Three alternatives to set priorities:

3. **Validation**– test forest accounts at different scales to trigger the "nationalization" process of developing forest accounts.

SEEA-EA Forest WG

Ideas for discussion:

1. What type of forest accounts could be develop at global or national level.

2. How to include Central Framework type of accounts related to forests (i.e. timber) in the scope for the WG.

3. How the accounts could be used (i.e. important policy entry points for the accounts) in the objectives of the WG.

4. How to distinguish between using global data sets to develop national accounts versus using them to develop global data sets.

5. A clear definition of what is in scope for forest (i.e. urban forest) should be developed to facilitate the work of the WG and delineate the limits of the scope of work.