



DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS  
STATISTICS DIVISION  
UNITED NATIONS



System of  
Environmental  
Economic  
Accounting

---

## System of Environmental-Economic Accounting 2012 – Experimental Ecosystem Accounting Revision

### **First Global Consultation on:**

**Chapter 6: Ecosystem services concepts for accounting**

**Chapter 7: Accounting for ecosystem services in physical terms**

### *Comments Form*

**Deadline for responses: 20 August 2020**

**Send responses to: [seea@un.org](mailto:seea@un.org)**

Name:	Brenda Mphakane
Organization & country:	Statistics South Africa

The comment form has been designed to facilitate the analysis of comments. There are six guiding questions in the form, please respond to the questions in the indicated boxes below. To submit responses please save this document and send it as an attachment to the following e-mail address: [seea@un.org](mailto:seea@un.org).

All documents can be also found on the SEEA EEA Revision website at:

<https://seea.un.org/content/seea-experimental-ecosystem-accounting-revision>

In case you have any questions or have issues with accessing the documents, please contact us at [seea@un.org](mailto:seea@un.org)

## **Questions related to Chapter 6**

**Question 1: Do you have comments on the concepts and definitions for ecosystem services, benefits and associated components of the ecosystem accounting framework?**

6.29 Generic Logic Chain (Table 6.1), Taking into consideration that other reference list will be developed. Does agricultural soil fit to the table? Ecological factors determining supply being nitrogen inputs to agricultural soil that results with direct N<sub>2</sub>O emissions due to:

- synthetic nitrogen fertilizers
- Organic fertilisers (manure, compost and sewage sludge) and -Crop residue?

Ecosystem services: Adding carbon capture and storage/ sequestration by soil in crop land in this column?

**Question 2. Do you have comments on the content and descriptions in the reference list of selected ecosystem services?**

6.43 Since the reference list is not exhaustive, reference list could also be added in a set of ecosystem accounts as per country experience and perspective? i.e. domesticated reference list may be allowed?

Table 6.2: So carbon capture and storage/sequestration doesn't falls under regulation and maintenance services? Falls under non-SNA benefit? Water regulation services, does include waste water treatment?

6.62 Is clear but contradicted by 6.66. Any example on this?

6.78 The quality of water abstracted such as waste water abstracted for own use?: i.e. Farmer abstracting water for crops watering, this is included as final ecosystem service?

**Question 3. Do you agree with the proposed treatments for selected ecosystem services described in Section 6.4 for biomass provisioning services, global climate regulation services, cultural services, water supply and abiotic flows?**

Yes, it makes sense

**Question 4. Do you have any other comments on Chapter 6?**

No

**Questions related to Chapter 7**

**Question 5. Do you have comments on the proposed recording approaches for ecosystem services supply and use tables described in section 7.2?**

No

**Question 6. Do you have any other comments on Chapter 7?**

No