



DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS  
STATISTICS DIVISION  
UNITED NATIONS



System of  
Environmental  
Economic  
Accounting

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

### First Global Consultation on:

**Chapter 8: Principles of valuation for Ecosystem Accounting**

**Chapter 9: Accounting for ecosystem services in monetary terms**

**Chapter 10: Accounting for ecosystem assets in monetary terms**

**Chapter 11: Integrated and extended accounting for ecosystem services and  
assets**

### *Comments Form*

**Deadline for responses: 6 July 2020**

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

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Organization & country:	Fisheries and Oceans Canada

The comment form has been designed to facilitate the analysis of comments. There are twelve 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 8**

**Question 1: Do you have comments on the principles proposed to underpin monetary valuation for the revised SEEA EEA, including the use of exchange values and net present value approaches?**

The focus on exchange values is necessary to link to existing national accounts. The draft chapters encourage those who do monetary valuation to make it clear when they are using exchange values and when they are not.

**Question 2. Do you have any suggestions for topics to include in Annex 8.1?**

The outline looks fine.

**Question 3. Do you have any other comments on Chapter 8?**

Click here and start typing (The length of your response is not limited by this text box.)

### **Questions related to Chapter 9**

**Question 4. Do you have comments on the range of valuation methods proposed for use in estimating exchange values of ecosystem services?**

It is not always clear which methods are preferred in the SEEA context. I would like to see and assessment (Tiers I, II and III) as in the discussion paper on valuation.

**Question 5. Do you have any other comments on Chapter 9?**

Click here and start typing (The length of your response is not limited by this text box.)

### **Questions related to Chapter 10**

**Question 6. Do you have comments on the definitions of entries for the ecosystem monetary asset account including ecosystem enhancement, ecosystem degradation and ecosystem conversions?**

It's a complex topic and is well-explained. There has been some discussion about the treatment of "human induced, but unintended" changes, such as those due to climate change and pollution. Will those be discussed?

**Question 7. Do you have comments on the recommendations concerning the selection of discount rates for use in NPV calculations in ecosystem accounting?**

Click here and start typing (The length of your response is not limited by this text box.)

**Question 8. Do you have comments on Annex 10.1 describing the derivation and decomposition of NPV?**

No. It's well-explained and detailed.

**Question 9. Do you have any other comments on Chapter 10?**

Click here and start typing (The length of your response is not limited by this text box.)

**Questions related to Chapter 11**

**Question 10. Do you have comments on the proposed structure of the extended balance sheet that integrates the monetary values of ecosystem and economic assets?**

It's a useful and necessary development. I think the SNA and SEEA used different methods for annualizing data (end of year versus annual average). Is this still the case? It would be useful to disaggregate aquatic resources (indeed others such as cultivated, minerals and energy) between freshwater and marine.

**Question 11. Do you have comments on the approaches to assigning the ownership of ecosystem assets that underpins the structure of the extended sequence of institutional sector accounts?**

The approach suggested is a useful starting point. "Embedding" the energy from wind, solar and hydro in the surrounding area seems consistent with the idea of ecosystem (biotic and abiotic) services.

**Question 12. Do you have any other comments on Chapter 11?**

Click here and start typing (The length of your response is not limited by this text box.)