



System of
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SEEA EEA Revision: Overview of the SEEA Ecosystem services reference list

Presentation for the SEEA EEA Virtual Expert Forum

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Purpose of the ES reference list

- Initial intent to establish a single agreed classification balancing perspectives from, primarily, CICES and NESCS
- Conclusion in mid-2019 that establishing a complete classification would not be possible
- Reference list aims to provide common labels and descriptions for key ecosystem services to support
 - > Compilation and exchange of experience on methods
 - > Facilitate links to biophysical modelling and valuation techniques
 - > Comparison of results
 - > Ease communication and application of accounts
- Aim to describe correspondences/links to CICES, NESCS and other typologies (e.g IPBES)
- Medium to longer term establish a single agreed ES classification

Process for determining reference list

- Before June 2019 various discussions and proposals on key/important ES, particularly in the context of supporting testing and implementation
- June 2019 Expert Forum had discussion on identifying key ecosystem services and decision taken to develop reference list rather than a full classification
- Discussion papers in late 2019 and early 2020 proposed lists that were subject to feedback from ES experts
- Initial proposals included in Chapter 6 with associated definitions/descriptions

SEEA ES Reference list : Key features

- Structured following higher level categories of CICES – provisioning, regulating and maintenance and cultural
- Included ES intended to be mutually exclusive
- Not exhaustive, intended to capture common and key ecosystem services but others may be included in a set of accounts subject to:
 - > satisfying the general definition of an ES and
 - > being distinguishable from those ES in the reference list.
- Does not distinguish on the basis of type of use of the ecosystem service or the type of supplying ecosystem
- Distinction between final and intermediate services based on user

List @ July 2020: Provisioning services

Provisioning services	
Biomass provisioning services	Crop provisioning services
	Grazed biomass provisioning services
	Timber provisioning services
	Non-timber forest products (NTFP) and other biomass provisioning services (incl those related to hunting and trapping and bio-prospecting activities)
	Fish and other aquatic products provisioning services
Water supply	
Genetic material services	

List @ July 2020: Regulating & maintenance

Regulating and maintenance services	
Global climate regulation services	
Rainfall pattern regulation services (at sub-continental scale)	
Local (micro and meso) climate regulation services	
Air filtration services	
Soil quality regulation services	
Soil erosion control services (includes also sediment retention services)	
Water purification services (water quality amelioration)	Retention and breakdown of organic pollutants including excess nutrients
	Retention and breakdown of inorganic pollutants
Water regulation services	Baseline flow maintenance
	Peak flow mitigation
Flood mitigation services	Seawater (Tidal) surge mitigation (Coastal protection services)
	River flood mitigation
Storm mitigation services	
Noise attenuation services	
Pollination services	
Pest control services	
Nursery population and habitat maintenance services	
Solid waste remediation	

List @ July 2020: Cultural services

Cultural services

Recreation-related services

Tourism recreation-related services

Local recreation-related services

Amenity services

Education, scientific and research services

Spiritual, symbolic and artistic services

Ecosystem and species appreciation services



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Thank you



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