



System of
Environmental
Economic
Accounting

Developing Global databases using ARIES for SEEA

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United Nations Statistics Division



United Nations

ARIES for SEEA Explorer

- ARIES for SEEA Explorer allows users to compile ecosystem accounts for any user specified context
- However -> possible to compile a set of accounts for all countries/statistical territories in the world and populate a global database
- Current Explorer functionalities are restricted to assessing:
 - > Ecosystem extent (based on the IUCN Global Ecosystem Typology)
 - > Condition (for forest ecosystem types)
 - > Selected ecosystem services in physical and/or monetary units using basic models as a starting point
- Proposal is to do pilot with ecosystem extent accounts
- Different versions of extent accounts possible: using the same global data sources to ensure comparability or using best available data sources.
- Essential that all country data would be validated by countries before placed in the global database, in line with the data flow process agreed

Tanzania

k.Explorer x +
klab.officialstatistics.org/modeler/ui/viewer?session=suvenpjd21x0j&token=4e6394a9-17ab-4309-acb5-c5e781203124&app=aries.seea.en
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ARIES for SEEA Explorer Beta Other SEEA-related indicators News User guide About
The SEEA Ecosystem Accounting standard on the ARIES platform. A collaboration between UNSD, UNEP and BC3. Powered by k.LAB semantic web technology.

Context: where, when ⓘ

United Republic of Tanzania

Administrative region km To

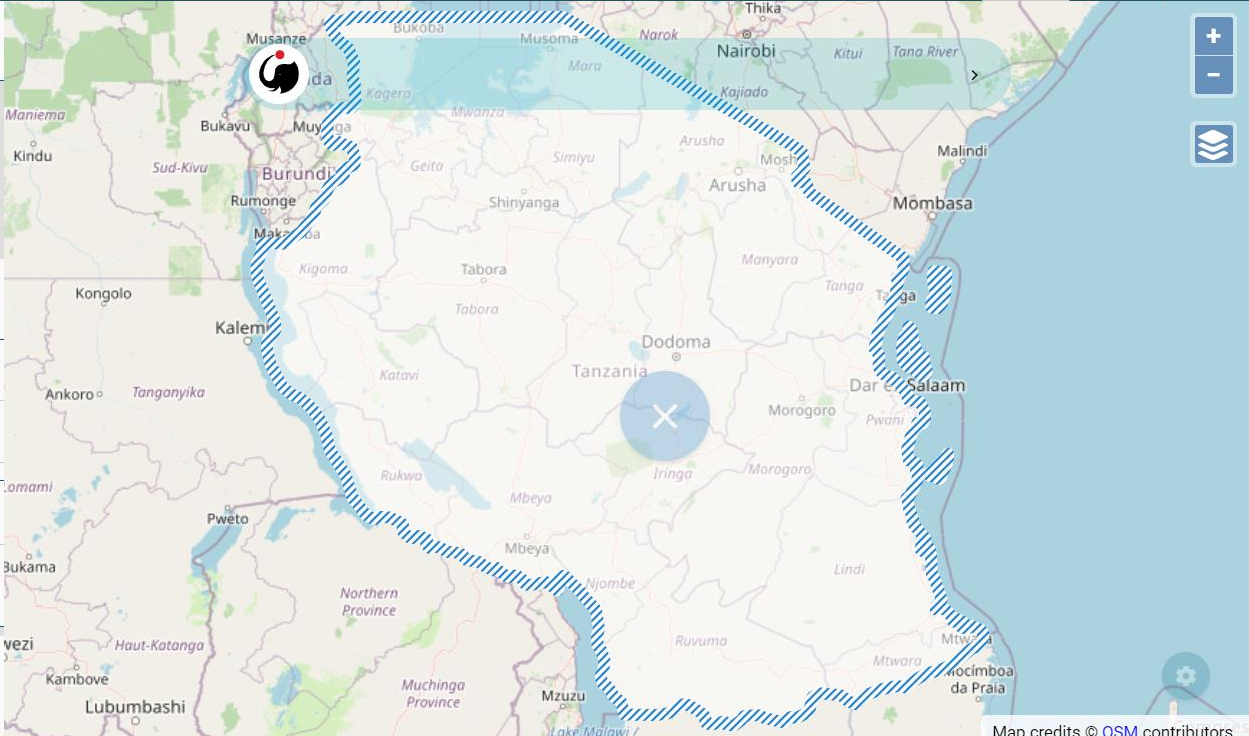
Study setup ⓘ

Extent accounts ...

Condition accounts ...

Spatial and temporal aggregation ...

Key SEEA EA outputs ⓘ



Maps Tables Comments

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Pilot proposal extent

Envisaged steps:

- Expand the number of ecosystem functional groups (EFGs, i.e. ecosystem types)
- Develop an efficient “batch process” to generate accounts (based on M49)
- Test the resulting accounts with selected volunteer countries
- Set-up proper IT structure (e.g. SDMX dataflow including API for dissemination.)
- Establish a proper validation process with countries.

A group with relevant experts may be established to provide guidance and support to this proposal.

The Committee is asked for its views on the proposed pilot to use ARIES for SEEA Explorer to generate global databases for ecosystem extent.



THANK YOU

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