

MEA monitoring programmes that SEEA EA can support

National Institute of Statistics and Geography (INEGI) - Mexico

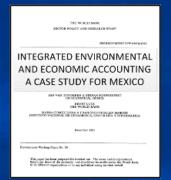
Paloma Merodio Gómez Vice President

November 28, 2022

Mexico's Experience with Environmental Accounting



First pilot study in the world



2007-2009

Accounts:

- Water
- Flow of Materials

2012

Participation in the preparation of the SEEA-CF



2013-2015

Reviews SEEA- EEA

2017-2021

NCAVES Projects





NATURAL CAPITAL ACCOUNTING AND VALUATION OF ECOSYSTEM SERVICES (NCAVES)

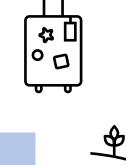
Capital Natural







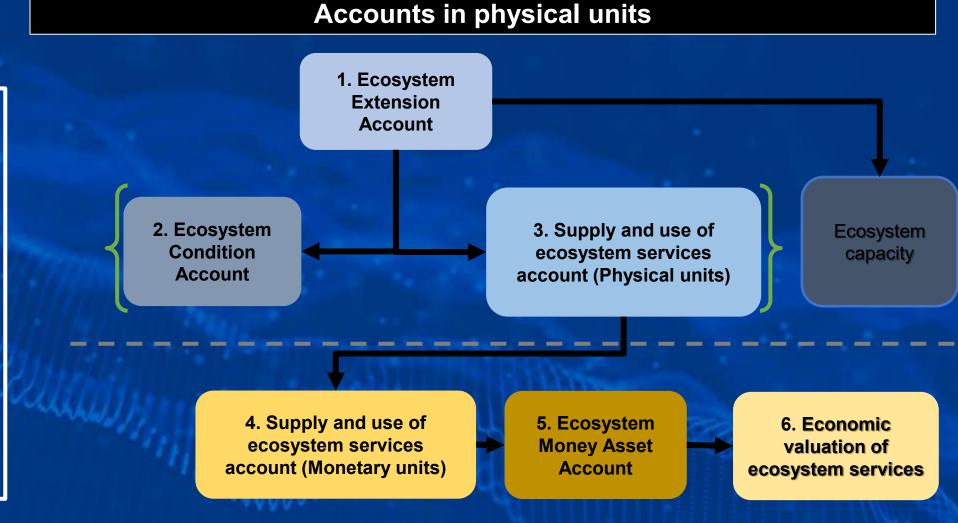
Ecosystem Services





SEEA-EA Methodology

Sequence of the Accounts of the **Ecosystems** -Mx

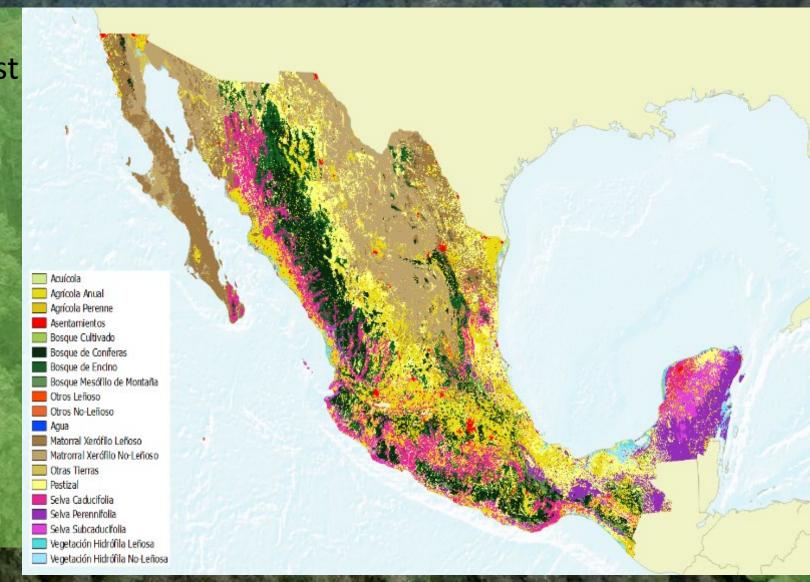


Accounts in monetary units

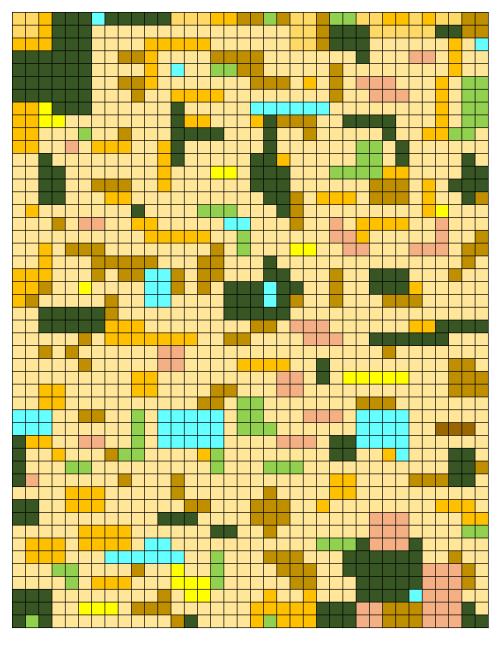
Extension Accounts

The ecosystems with the greatest extension in the total national territory are:

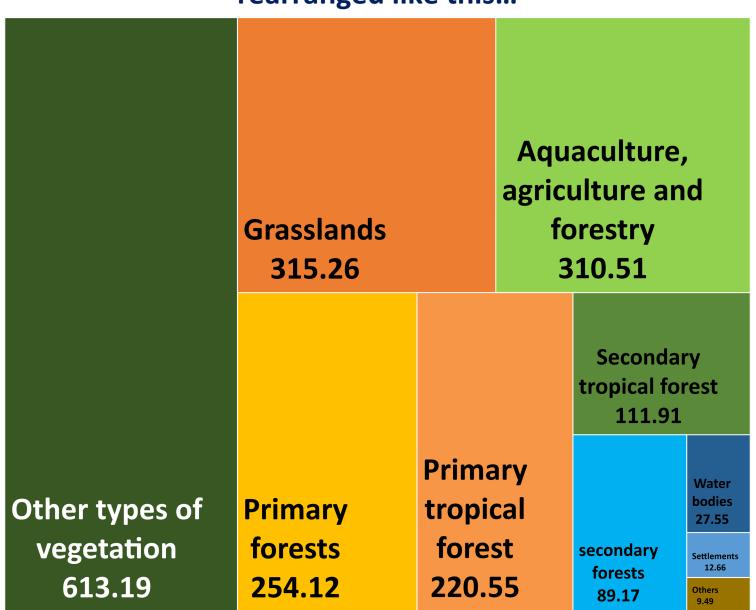
- Non-woody xeric scrub (19%)
- Grassland (16%)
- Woody xeric scrub (10%)
- Deciduous forest (9%)
- Coniferous forest (9%)
- Oak forest (8%)
- Evergreen forest (5%)
- Annual agriculture (16%)
- Others (8%)



Ecosystems in the real world look like this



...Thanks to accounting principles, they can be rearranged like this...



Montes Azules y Marqués de Comillas México

> The Mexico Geospatial Data Cube allows us to see the effectiveness of establishing protected natural areas for the conservation of ecosystems such as Montes Azules, Chiapas.



Infrastructure - La Yesca Water Dam

The Data Cube allows us to see the creation of infrastructure and how it modifies the landscape, such as the La Yesca water dam, in the states of Nayarit and Jalisco, Mexico.





os servicios de os ecosistemas E) contribuyen l bienestar de generar valor en las actividades humanas.



Es común que los SE no tengan un valor monetario econocido, lo cual se traduce en su sobreexplotación y uso insostenible.



El enfoque para la medición s ecosistémicos finales, es de ecosistémicos entre los act unidades ec

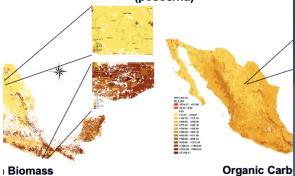
En este proyecto se incluyó la valora monetaria de estos servicios:

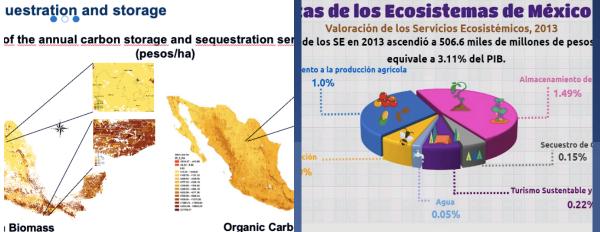


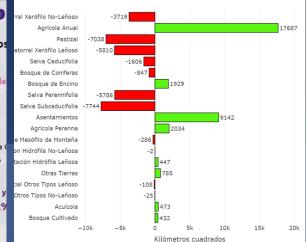
captura y producción almacenamiento de carbono

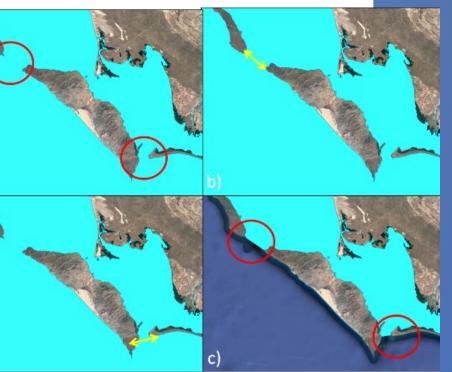
uestration and storage

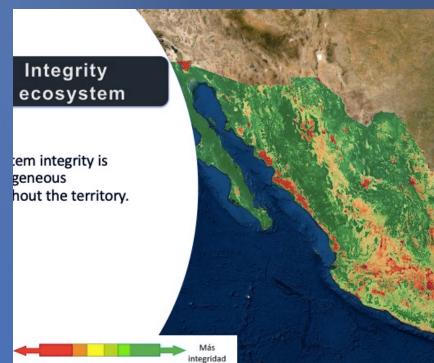
(pesos/ha)













THANK YOU

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