

ECOSYSTEM ACCOUNTING 101

Understanding the essentials

by

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BASIC CONCEPTS

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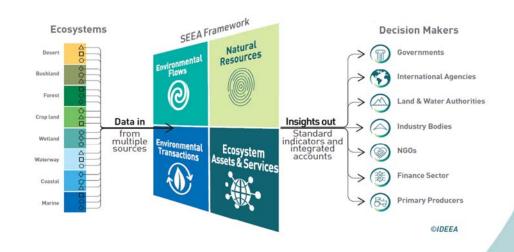
THE FOUR TYPES OF ENV. ECONOMIC ACCOUNTS





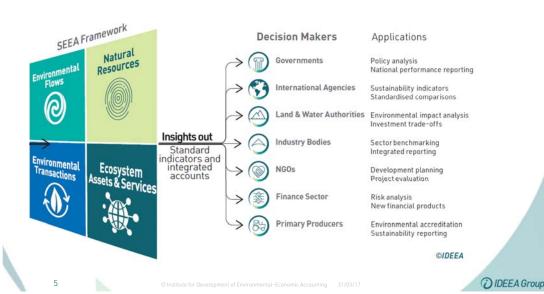
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SEEA AS A PLATFORM



/ hydrology / etc.

APPLICATIONS OF SEEA ACCOUNTS



CORE ECOSYSTEM ACCOUNTING MODEL



Single asset framework applicable to all different landscapes and ecosystem types

Assess impact of human activity on asset extent and condition

Asset condition influences the production of ecosystem services

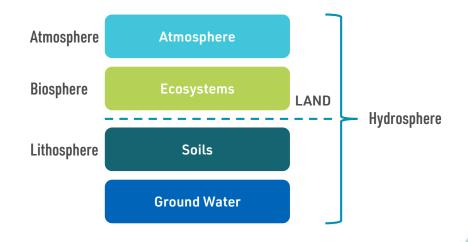
Ecosystem services provide economic and social-wellbeing benefits

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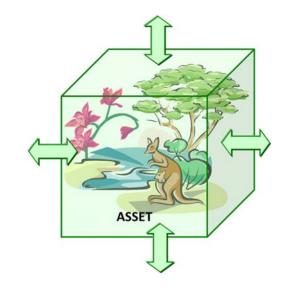
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ENVIRONMENTAL UNITS

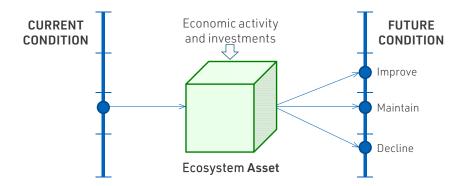


ECOSYSTEM UNIT



- Flora
- Fauna
- Trees
- Grasses
- Mosses
- Logs
- Weeds
- Pests
- o etc.

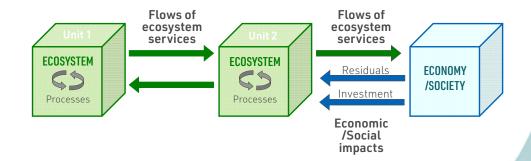
ECOSYSTEM CONDITION



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ECOSYSTEM FLOWS - MULTIPLE UNITS



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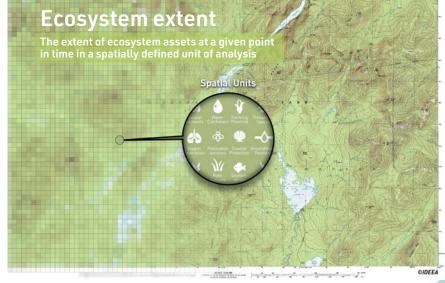
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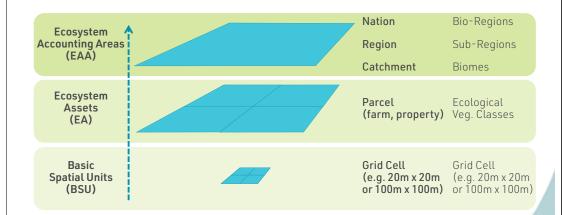
SPATIAL ACCOUNTING



SPATIAL ACCOUNTING



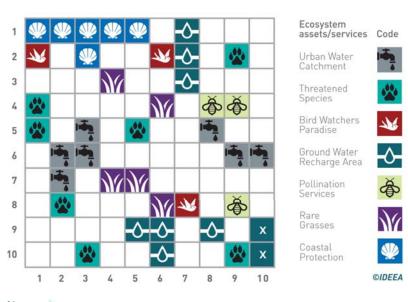
HIERARCHICAL NESTED ACCOUNTING GRID



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BASIC SPATIAL UNITS



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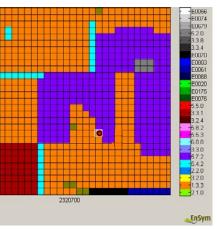
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BASIC SPATIAL UNITS (ANALYTICAL UNITS)



Ariel Photography (100m x 100m grid)



Classification of BSU for analysis





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