



NCA NETWORK FOR THE SOUTH PACIFIC

Session 2: Overview and context for NCA & SEEA

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NCA –RELATED INITIATIVES

		Level	
		Corporate	National / Economy-wide
Purpose	Broad sustainability / well-being focus	GRI IIRC A4S	Inclusive wealth accounting UN SDGs OECD Measuring progress
	Environmental stocks and flows	CDP Water accounting NCP – “impacts”	SEEA Central Framework IPCC reporting World Bank WAVES
	Ecosystem measurement	NCP - “dependencies”	SEEA Ecosystem accounting World Bank – WAVES UNEP – ProEcoServ UNEP - TEEB

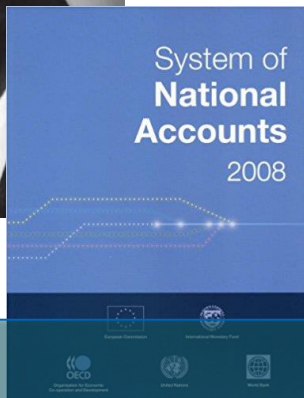
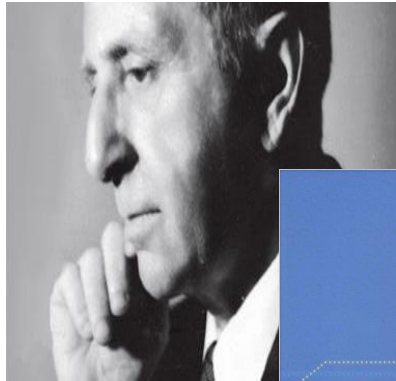
AN NCA HISTORY



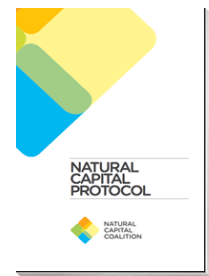
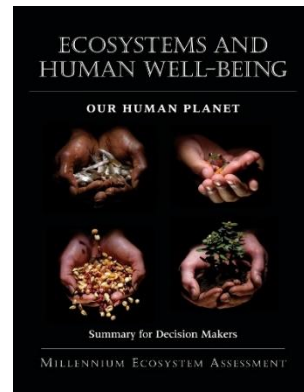
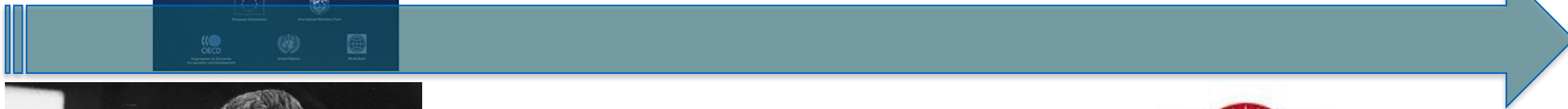
United Nations



System of Environmental-Economic Accounting



SUSTAINABLE DEVELOPMENT GOALS



FOUR TYPES OF ENVIRONMENTAL-ECONOMIC ACCOUNTING

SEEA Framework



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EEA : KEY FEATURES

Accounting for stocks and flows

- Notions of return on investment / capacity
- Distinguish asset/capital costs (investment & depreciation) from current/operating income and costs

Accounting for units / entities

- Businesses / Households / Government / Environment
- Record interactions/transactions between units
- Attribute assets to units

Accounting in physical and monetary terms

- Record transactions in physical or monetary terms
- Record stocks in physical or monetary terms

Aligned boundaries for economy and environment

- Integrate and compare economic and environmental stocks and flows

WHY BOTHER?

POTENTIAL APPLICATIONS

Governments

- Policy analysis / Performance reporting

International agencies

- Sustainable development indicators / Standardised comparisons

Business and industry

- Impact and trade-off analysis / Sector benchmarking / Extended P&L

Finance sector

- Risk analysis / Financial products / Sustainability reporting

NGOs and civil society

- Development planning / Project evaluation

CHALLENGES

Valuation

- Whether to do it and if so how?

Ecosystem services

- How should they be defined and classified?

Ecosystem condition

- What is the right reference condition? Which characteristics should be measured?

Biodiversity

- Is it a service, an asset or a characteristic? Ecosystem, species or genetic?

Approach to spatial detail

- Is detailed spatial data essential or can accounting work with coarse ecosystem classes?

Accounting conventions and treatments

- How to reduce misunderstanding and confusion among conceptual perspectives?

JOIN THE JOURNEY ...





Accounting for ecosystem outcomes

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