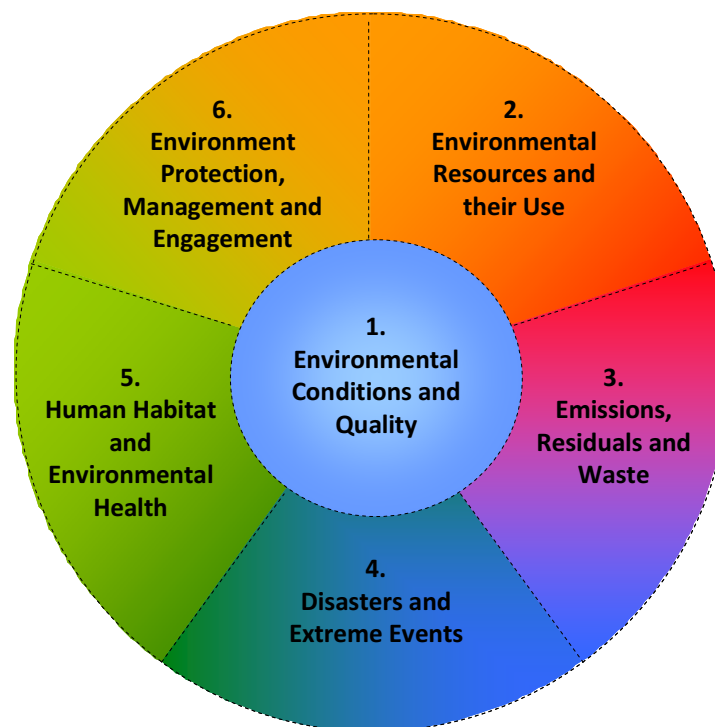




Revised Framework for the Development of Environment Statistics (FDES) - OPEN ISSUES



Conceptual issues 1.

Link between conceptual foundation, scope and components

- Several different descriptions of objective and scope - Define scope by the components
- Create direct link to SEEA
- FDES and SEEA are not complementary (see next slide)

Conceptual issues 2.

The FDES and the SEEA

- Relationship with SEEA (paras. 2.30-2.35): Rather than describe FDES and SEEA as “complementary”, maybe it’s better to say that the FDES “encompasses” or “incorporates” SEEA within its broader scope – as is implied by the Figure 2.5. The two documents are on different levels of description – with FDES being at a much higher/broader level. FDES “incorporates” SEEA because all of the agreed definitions, classifications, etc. also apply in FDES. It should be clear that the difference between FDES and SEEA is in terms of purpose, scope and the level of descriptions. Otherwise it seems as if FDES and SEEA are alternative options or alternative approaches (albeit “complementary” ones) for environment statistics, which is not the case.
- This is distinct from the relationship with DPSIR, because DPSIR is clearly a way of organizing environmental statistics conceptually and at a high level, so DPSIR and FDES are effectively alternatives to one another (though complementary ones) – which is why it is worth noting in the text that it is possible to rearrange from FDES back to DPSIR.

Conceptual issues 3.

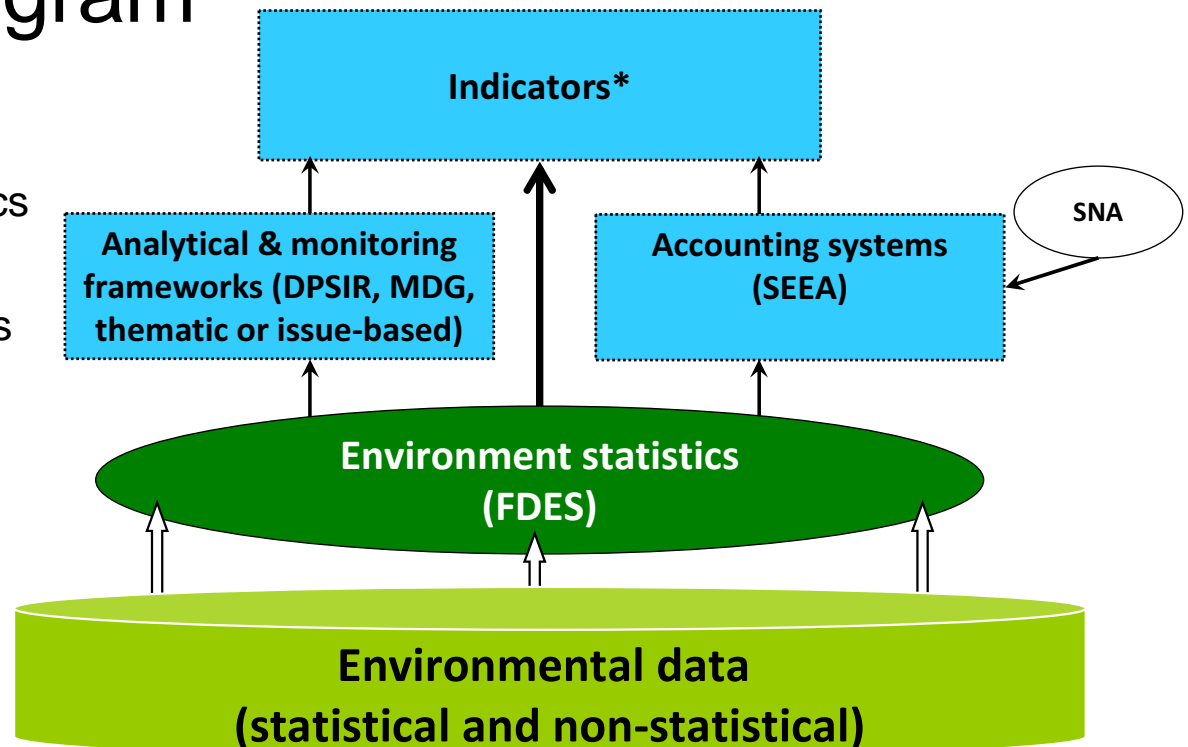
Information – data – statistics – accounts – indicators

- Accounts and indicators are part of statistics
- Non-statistical and statistical data
- Non-statistical information

Conceptual issues 4.

Relationship diagram

- Creates impression that the objective is indicators
- That all environment statistics feed into SEEA
- That accounts and indicators are not part of statistics
- DPSIR etc are indicator Frameworks, move them up
- FDES and SNA are complementary, SEEA is the common section



Note: Size of figures does not correlate to volume of data, statistics, indicators, etc.

DPSIR = Driving forces-Pressures-State-Impacts-Responses

SEEA = System of Environmental-Economic Accounting

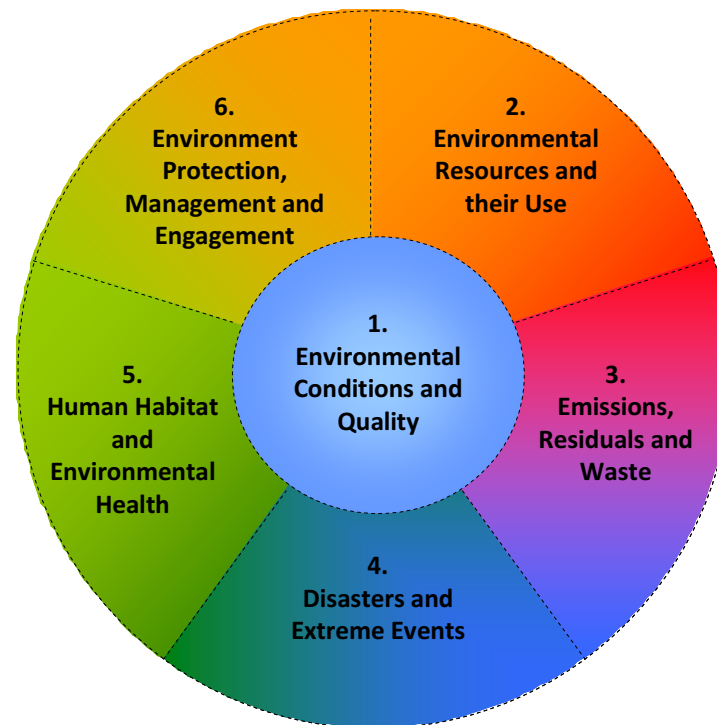
SNA = System of National Accounts

*Economic and/or social statistics may also be needed

Conceptual issues 5.

The FDES logo does not show interrelationships among the components

- Dotted lines and blending colours are supposed to illustrate them



Structure of the document - chapters

- Chapter 3 contains too much (and repeated) detail about data sources and availability – should be deleted and maybe discussed in Chapter 1 in general terms.
- UNSD plan: move corresponding parts of the Basic Set tables together with descriptive text in Chapter 3 and leave Chapter 4 exclusively to the Core Set.

Structure of the FDES 1.

- Add a layer of data items

Component

Subcomponent

Topic

Statistics

Data items

Included in FDES

Subject to subsequent handbooks

Structure of the FDES 2.

Component 1

- Name of the component – environmental conditions include environmental quality, limit the title to “Environmental conditions”.
- Subcomponent “Physical conditions” – what is physical? The other subcomponents are physical, too. Rename?

Structure of the FDES 3.

Component 2

Environmental resources versus
environmental assets

- Coverage is same
- SEEA use Environmental Assets
- Rename the component “Environmental assets and their use”.

Structure of the FDES 4.

Component 3

According to the SEEA “residuals” is the umbrella term for emissions, wastewater and waste (+ else)

- Rename component “Residuals”
- Rename component “Emissions, wastewater and waste”

Structure of the FDES 5.

Component 4

Technological disasters should not be included per se. Their environmental consequences should be part of Component 3 (emissions etc) and Component 1 (impacts on the environment)

Argument: The intention was to have extreme events and disasters in Component 4 (as opposed to “everyday” activities). Also data source is same.

Structure of the FDES 6.

Component 5

What is “human habitat”?

- The entire Earth is the habitat of humans
- Rename “human settlements”?

Structure of the FDES 7.

Component 6

What does “engagement” mean?

Rename?

Move topics between components

1.

Soil

- Soil as an ecosystem (Component 1)
- Soil as a resource (Component 2)
- Soil as part of “Physical conditions” – separate Soil from Land Cover, move Soil to Physical conditions (1.1) and Land Cover to Ecosystems (1.3)

Move topics between components 2.

- Fertilizers, pesticides etc – move from Component 2 to Component 3
- Technological disasters – move to Component 3
- Environmental Activities (CEA) don't include disaster management – separate

Question: waste as energy source:
renewable or not?

Add new topics

- Environmental Goods and Services Sector
- Environmental taxes and subsidies
- More monetary statistics
- Nutrient balances, biomass as resource
- Contaminated sites

Add contents to the document

- Section on coordination between biophysical and socio-economic data/statistics
- Section on Multilateral Environmental Agreements
- Glossary
- Executive summary
- Better link to policy
- Role of NSOs
- Target group
- Timeliness of environment statistics
- Geographic versus economic boundaries