



DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS  
STATISTICS DIVISION  
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for the Development of Environment Statistics (FDES)  
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## **Proposed outline of the revised FDES**

**UNSD**

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# Proposed outline of the revised FDES

April 2011

## Introduction

- The FDES 1984
- The need for and objective of the revision
- The revision process

## 1. Major developments relevant to environment statistics

- 2.1 Milestones in the development of environment statistics since the 1984 FDES
- 2.2 Scientific and policy frameworks
  - 2.1.1 Sustainable development
  - 2.1.2 Climate change
  - 2.1.3 Ecosystem Assessments
  - 2.1.4 Green economy and green growth
  - 2.1.5 Major Multilateral Environmental Agreements
- 2.3 Developments in information technology, remote sensing and GIS
- 2.4 Developments in statistics
  - 2.4.1 General statistical developments
  - 2.4.2 Environment statistics and indicator frameworks
  - 2.4.3 The System of integrated Environmental-Economic Accounting
  - 2.4.5 Classifications relevant to environment statistics

## 2. The environment statistics domain

- 2.1 The objective of environment statistics, its main functions and users
- 2.2 Definition of environment statistics
- 2.3 Scope and boundaries of environment statistics; relations with the economic and social statistics domains
- 2.4 The nature of environment statistics: the environment and its quantification
- 2.4 Framework versus system
- 2.5 Spatial considerations
- 2.6 Temporal considerations
- 2.7 Sources of environment statistics
  - 2.7.1 Administrative data
  - 2.7.2 Surveys
  - 2.7.3 Environmental monitoring
  - 2.7.4 Research data
  - 2.7.5 Remote sensing
- 2.9 Institutional dimension of environment statistics and the need for interagency collaboration

## 3. The revised FDES

- 2.1 Definition
- 2.2 Objective
- 2.3 Criteria to be satisfied
- 2.4 Uses and users – audience
- 2.5 Main concepts and definitions

#### 4. The structure and components of the revised FDES

- 4.1 The structure: present and describe the multi layered set of matrixes, and its potential for aggregation, disaggregation, application and adaptation capacities.
- 4.2 Main components and dimensions: present and describe the synthesis matrix
- 4.3 The rows of the synthesis matrix: components of the environment
  - 4.3.1 Row 1
  - 4.3.2 Row 2
  - 4.3.n Row n
- 4.4 The columns of the synthesis matrix: analytical categories/dimensions
  - 4.4.1 Column 1
  - 4.4.2 Column 2
  - 4.4.n Column n
- 4.5 The cells of the matrix: statistical topics or themes
- 4.6 Layers of the matrix: From statistical topics to variables
  - 4.6.1 The role of classifications
  - 4.6.2 Examples of layers
- 4.7 Applications for crosscutting issues and themes
  - 4.7.2 Combinations of cells
  - 4.7.3 Examples

#### 5. The relationship between the FDES and the System of integrated Environmental-Economic Accounting

#### 6. The relationship between the FDES and the Core Set of Environmental Statistics

#### 7. Ongoing and future methodological work in support of the FDES