 **United Nations Statistics Division**

**Environment Statistics Self-Assessment Tool, Part I: Topic level Assessment**

**Preliminary, as of July 22, 2013**

**Background**

In 2013, the 44th session of the United Nations Statistical Commission endorsed the Framework for the Development of Environment Statistics (FDES), along with the Core Set of Environment Statistics (approximately 107 statistics) which is embedded in the Basic Set of Environment Statistics (approximately 492 statistics). The Self-Assessment tool was developed through the experience and suggestions of collaborating countries’ work in the field of environment statistics, following a process which included assistance from many countries in UNSD’s Pilot of the Draft Core Set of Environment Statistics in 2012. UNSD is most grateful to countries’ efforts in contributing to that exercise.

In order to assist countries in both developing their environmental statistics programs and collecting their own data on the environment, UNSD has developed this Self-Assessment tool containing relevant information on environment statistics at the national level in consistence with the scope of the FDES 2013.

This Self-Assessment tool consists of a comparison of the Basic Set of Environment Statistics contained in the FDES, with available national environment statistics, environmental policy objectives and international reporting requirements. It is divided in two parts. Part I aims to capture the information at a more aggregated level, specifically up to the environment statistics topic level. Part II goes in more detail and it captures information concerning the whole Basic Set of Environment Statistics, up to the individual environment statistics level.

This is a tool that countries may wish to use. At the moment, it is not a questionnaire to request the actual collection or report of these statistics by UNSD.

**Objectives**

The overarching objective of the Self-Assessment tool is to improve the capacity of countries to assess where they stand with respect to the availability and the collection of environment statistics. It is a means for countries to assess their current position and set a basis from which they may construct and/or strengthen their environment statistics programs within the national statistical systems, in collaboration with relevant partner agencies.

Specific objectives of this Self-Assessment tool include:

* Comparing the Basic Set of Environment Statistics with those collected in the country in order to identify where the two sets of statistics align and where there are gaps;
* Identifying the primary reasons for any gaps which are identified
* Provide a comprehensive basic set of environment statistics from which countries may want to select, adapt and supplement according to their priorities and needs in developing a national set of environment statistics that is relevant at the national level.

**Use of this tool**

Information systematized by using this tool can be used to elaborate a plan for the development of environment statistics based on the needs, capacities and resources of each country. This plan can be constructed and implemented with the participation of different agencies and partners for the statistical topics as identified by this tool.

**environment statistics selF-assessment tool**

**part i: Topic level assesment**

**Identification details**

1. Your name:        2. Contact (email address):
2. Name of your organization:        4. Date (dd/mm/yyyy):

5. Country:

Names and information of collaborating partners:

|  |  |  |
| --- | --- | --- |
| Name | Position, Institution | Telephone and email |
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 **Environment Statistics Self Assessment Tool, Part 1 – Topic level Assessment**

***Explanatory Notes for column C***

Relevance: In this context relevance refers to the importance for national environmental concerns or policy considerations.

***Explanatory Notes for column E - Main reasons why more statistics within this topic are not produced.***

Resource constraints: Both financial and staff resource constraints within the environment statistics units and/or in partner agencies involved in the production of environment statistics for each topic.

Methodological/Technical difficulty in collecting

Difficulty in collecting the data for methodological reasons (i.e., lack of methodologies including concepts, methods or classifications) or technical reasons (i.e., difficulties in the aggregation methods from voluminous primary data to environment statistics series; technical problems interpreting remote sensing, etc.)

Insufficient quality

Data are of insufficient quality if they do not meet generally accepted statistical standards. Chiefly, this may relate to any or all of the following conditions:

* Insufficient or non existent metadata - does not allow for the assessment of the quality and comparability of the data set(s);
* Accuracy – the statistics do not correctly describe the phenomena they were designed to measure;
* Timeliness – delay between the reference point and the date the information becomes available is too lengthy to allow the data to be useful;
* Coherence – data are not collected using standards or internationally accepted concepts and classifications; or data are not collected using the

relevant and same target phenomenon over time and or space; or the data are not internally consistent.

Accessibility

Accessibility problems would occur if data cannot be obtained with relative ease from the responsible agency or primary source or data cannot be provide in an appropriate format to allow it to be used.

Lack of institutional set-up/coordination

Institutional or policy barriers could present difficulties in accessing and utilizing relevant primary data sets. This box should be checked if the collaboration among the necessary institutions is not sufficient to grant an adequate sharing of data sets and resulting environment statistics, and/or if there is insufficient institutionalization of environment statistics programmes/units. Both of these conditions would present obstacles to the systematic production of environment statistics.

Other difficulties in data collection

Consider difficulties other than those described under the previous headings.

**Instructions**

In the tables below, please provide information on your ability to produce the statistics that are listed in the FDES Basic Set of Environment Statistics for each topic. This information relates to your assessment of the topic as a whole.

|  | A. Topic No. | B. Topic | C. Relevance of topics at the national level.(If the topic is of little or no relevance, completion of columns D and E to the right is optional.) | D. Availability of statistics for this topic of the draft Core Set, at the national level? | E. Main reasons why the production of statistics within this topic is not satisfactory. Please check all that apply. | F. Institutions responsible for collecting data on this topic.Please check all that apply. | G. Requirements for collection/reporting on this topic.Please check all that apply. |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Component 1: Environmental Conditions and Quality**Subcomponent 1.1: Physical Conditions |
| 1 | 1.1.1  | Atmosphere, climate and weather | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 2 | 1.1.2  | Hydrographical characteristics | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 3 | 1.1.3  | Geological and geographical information | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 4 | 1.1.4 | Soil characteristics | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 1.2: Land Cover, Ecosystems and Biodiversity |
| 5 | 1.2.1  | Land cover | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 6 | 1.2.2 | Ecosystems | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 7 | 1.2.3 | Biodiversity | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 8 | 1.2.4 | Forests | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 1.3: Environmental Quality |
| 9 | 1.3.1 | Air quality | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 10 | 1.3.2 | Freshwater quality | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 11 | 1.3.3  | Marine water quality | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 12 | 1.3.4  | Soil pollution | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 13 | 1.3.5 | Noise | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| **Component 2: Environmental Resources and Their Use**Sub-component 2.1: Non-energy Mineral Resources |
| 14 | 2.1.1  | Stocks and changes of non-energy mineral resources | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 15 | 2.1.2  | Production and trade of non-energy minerals | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 2.2: Energy Sources |
| 16 | 2.2.1  | Stocks and changes of mineral energy resources | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 17 | 2.2.2  | Production and consumption of energy from non-renewable and renewable sources | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 2.3: Land |
| 19 | 2.3.1  | Land use | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 2.4: Soil Resources |
| 21 | 2.4.1  | Soil resources | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 2.5: Biological Resources |
| 22 | 2.5.1  | Timber resources | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 23 | 2.5.2  | Aquatic resources | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 24 | 2.5.3  | Crops | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 25 | 2.5.4  | Livestock | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 26 | 2.5.5  | Wild, uncultivated biological resources (other than fish and timber) | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 2.6: Biological Resources |
| 27 | 2.6.1  | Water resources | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 28 | 2.6.2  | Abstraction, use and returns of waters | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| **Component 3: Residuals**Sub-component 3.1: Emissions to Air |
| 29 | 3.1.1  | Emissions of greenhouse gases | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 30 | 3.1.2  | Consumption of ozone depleting substances | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 31 | 3.1.3  | Emissions of other substances | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 3.2: Generation and Management of Wastewater |
| 32 | 3.2.1 | Generation and pollutant content of wastewater | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 33 | 3.2.2  | Collection and treatment of wastewater | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 34 | 3.2.3  | Discharge of wastewater to the environment | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 3.3: Generation and Management of Waste |
| 35 | 3.3.1  | Generation of waste | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 36 | 3.3.2  | Management of waste | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 3.4: Application of Biochemicals |
| 37 | 3.4.1  | Application of biochemicals | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| **Component 4: Extreme Events and Disasters**Sub-component 4.1: Natural Extreme Events and Disasters |
| 37 | 4.1.1  | Occurrence of natural extreme events and disasters | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 38 | 4.1.2  | Impact of natural extreme events and disasters | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 4.2: Technological Disasters |
| 39 | 4.2.1  | Occurrence of technological disasters | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 40 | 4.2.2  | Impact of technological disasters | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| **Component 5: Human Settlements and Environmental Health**Sub-component 5.1: Human Settlements |
| 41 | 5.1.1  | Urban and rural population | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 42 | 5.1.2  | Access to water, sanitation and energy | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 43 | 5.1.3  | Housing conditions | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 44 | 5.1.4  | Exposure to ambient pollution related to spatial location of population | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 45 | 5.1.5  | Environmental concerns specific to urban settlements | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 5.2: Environmental Health |
| 46 | 5.2.1  | Airborne diseases and conditions | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 47 | 5.2.2  | Water-related diseases and conditions | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 48 | 5.2.3  | Vector borne diseases | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 49 | 5.2.4  | Health problems associated with excessive UV radiation exposure | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 50 | 5.2.5  | Toxic substance-and nuclear radiation- related diseases and conditions | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| **Component 6: Environment Protection, Management and Engagement**Sub-component 6.1: Environment Protection and Resource Management Expenditure |
| 51 | 6.1.1  | Government environment protection and resource management expenditure | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 52 | 6.1.2  | Corporation, non-profit institution and household environment protection and resource management expenditure | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 6.2: Environmental Governance and Regulation |
| 53 | 6.2.1  | Institutional strength | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 54 | 6.2.2  | Environmental regulation and instruments | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 55 | 6.2.3  | Participation in MEAs and environmental conventions | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 6.3: Extreme Event Preparedness and Disaster Management |
| 56 | 6.3.1  | Preparedness for natural extreme events and disasters | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 57 | 6.3.2  | Preparedness for technological disasters | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| Sub-component 6.4: Environmental Information and Awareness |
| 58 | 6.4.1  | Environmental information | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 59 | 6.4.2  | Environmental education  | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 60 | 6.4.3  | Environmental perception and awareness | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |
| 61 | 6.4.4 | Environmental engagement  | [ ]  High relevance[ ]  Average relevance[ ]  Little relevance[ ]  No relevance | [ ]  Highly satisfactory [ ]  Satisfactory[ ]  Not satisfactory | [ ]  Resource constraints[ ]  Methodological/Technical difficulty in collecting[ ]  Insufficient quality [ ]  Accessibility[ ]  Lack of institutional set-up/coordination[ ]  Other difficulties in data collection. Please specify::       | [ ]  NSO[ ]  Ministry of Environment or equivalent institution [ ]  Other institution(s) Please specify:       | [ ]  National requirement[ ]  International requirement |