

# Use and compilation of specialized environmental surveys and reporting forms



## **Fifth Meeting of the Expert Group on Environment Statistics**

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# Progress since 2017 EGES

- Substantial increase in the number of surveys and censuses available online (90 now).
- Better outreach to countries who have provided surveys in several languages other than English (e.g. Arabic, French, Portuguese, Spanish)
- Filterable by themes (13), country and year
- A range of 25 countries spanning six regions (Africa, Asia, Europe, North America, Latin America and the Caribbean, Oceania)
- Following EGES comment in 2017:
  - there is a relatively heavy focus on the themes of waste and water (32 of the 90 surveys)
  - Accompanying text is provided via a background link to the (typically) NSO's webpage

### Search

#### Australia, Agricultural census, 2015

Country: Australia Year: 2015 Theme: Land and agriculture

[Document Link](#)

[Background Link](#)

#### Australia, Land management practices survey 2013

Country: Australia Year: 2013 Theme: Land and agriculture

[Document Link](#)

[Background Link](#)

#### Australia, Rural environment and agricultural commodities survey 2014

Country: Australia Year: 2014 Theme: Land and agriculture

[Document Link](#)

[Background Link](#)

#### Botswana, Agricultural censuses questionnaire - Form I Identification, 2015

Country: Botswana Year: 2015 Theme: Agriculture

[Document Link](#)

[Background Link](#)

# Other data sources of environment statistics

- Statistical surveys (e.g., censuses or sample surveys of population, housing, agriculture, enterprises, households, employment, and different aspects of environment management);
- Administrative records of government and non-government agencies responsible for natural resources, as well as other ministries and authorities;
- Remote sensing and thematic mapping (e.g., satellite imaging and mapping of land use and land cover, water bodies or forest cover);
- Monitoring systems (e.g., field-monitoring stations for water quality, air pollution or climate);
- Scientific research and special projects undertaken to fulfil domestic or international demand

# Nepalese survey (Central Bureau of Statistics, Nepal)

Unofficial Translation from  
Questionnaire in Nepali

## ANNEX 2: Survey Questionnaire

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*The information asked in this questionnaire are confidential according to the statistical act, 2015.  
Individual information are not published and only used for statistical purposes.*

## Climate Change Impact Survey 2016 Questionnaire



Government of Nepal  
National Planning Commission Secretariat

## Central Bureau of Statistics

Thapathali, kathmandu  
Phone No. 4245848, 4252479, 4245946, 4245947, 4245948  
Fax: 01-4227720  
Website: [www.cbs.gov.np](http://www.cbs.gov.np)

# Nepalese survey (Central Bureau of Statistics, Nepal)

## Module 6.4: Information about Impact of Climate Change

S.N.	Natural disasters or events due to climate change (first identify the main disaster events of the locality)	Have you ever experienced the change in the following events in this area over the past 25 years?  Yes...1 No...2,next column Not applicable...3, next column	If yes, how has it changed over the past 25 years  Increased .... 1 Decreased ... 2	To what extent these events have impacted/affected you or your family over the past 25 years?  Very low ...1, Low ... 2, Moderate ... 3, High ....4, Very high ... 5	What could be the main reasons for the occurrence of following events over the past 25 years?  (write the codes of main three reasons in priority)*		
F12	F13	F14	F15	F16	F17		
1.	Drought						
2.	Fire (in forest)						
3.	Fire (in community)						
4.	Flood						
5.	Inundation						
6.	Windstorm						
7.	Thunderstorm						
8.	Hailstorm						
9.	Heavy rain						
10.	Sporadic rain						
11.	Erosion						
12.	Landslide						
13.	Snowstorm						
14.	Avalanche						
15.	GLOF						
16.	Heat wave						
17.	Cold wave						
18.	Disease/insect						
19.	Others						

\*Low rainfall..1, Heavy rain..2, Increase in temperature..3, Decrease in temperature..4, Road construction..5, Urbanization..6, Deforestation..7, Over withdrawal of water..8, Earthquake.. 9, Population increase ..10, Others ..11

# Nepalese survey (Central Bureau of Statistics, Nepal)

## Module 9: Impact of Climate Change on Water Resources (over the past 25 years)

### 9.1.: Current State of Water Resources

Description	Possible answer
I01. What changes have you observed in amount of water in streams, rivers, rivulets and springs?	Increased...1 Decreased...2 No changes..3 Do not know..4 Not applicable..5
I02. Have you noticed water quality deterioration in streams, rivers, rivulets and springs?	Yes. ...1 No.. ..2 Do not know .. 3 Not applicable ..4
I03.What changes have you observed in water level in wells and ponds?	Increased...1 Decreased...2 No changes..3 Do not know..4 Not applicable..5
I04.Have you noticed water quality deterioration in wells and ponds?	Yes. ...1 No.. ..2 Do not know .. 3 Not applicable ..4
I05.Have any streams, rivers, rivulets, or springs dried up?	Yes. ...1 No.. ..2 Do not know .. 3 Not applicable ..4
I06. Are any tube wells, wells or hand pumps in state of drying up?	Yes. ...1 No.. ..2 Do not know .. 3 Not applicable ..4
I07.Have any of the wells, tube wells, or ponds dried up?	Yes. ...1 No.. ..2 Do not know .. 3 Not applicable ..4
I08.What changes have you observed in amount of water in spouts?	Increased...1 Decreased...2 No changes..3 Do not know..4 Not applicable..5
I09. Have any spouts dried up?	Yes. ...1 No.. ..2 Do not know .. 3 Not applicable ..4
I10. Has there been any changes in the duration of water flow in piped water that you have been using on daily basis?	Increased...1 Decreased...2 No changes..3 Do not know..4 Not applicable..5

# Mauritian survey (The University of Mauritius)

## HOUSEHOLD SURVEY ON WATER USE FOR ENVIRONMENTAL AND CLIMATE CHANGE MANAGEMENT IN MAURITIUS

1. Number: .....
2. Name of respondent:.....
3. Address:.....
4. District:.....
5. Telephone number:.....
6. VCA number.....
7. Interviewer name.....

### INSTRUCTION: INTERVIEWER PLEASE COMMUNICATE THE FOLLOWING INFORMATION TO THE RESPONDENT-(HEAD OF HOUSEHOLD)

Dear respondent

- 1.1. The University of Mauritius is currently conducting a research on water consumption and difficulties associated with water supply in Mauritius. This project is financed by the Global Development Network (GDN) and it aims at finding solutions in relation to effective water use in Mauritius.
- 1.2. In this respect, we would wish to ask you certain question on water consumption in your household so that we can understand better the situation of water. We would need your correct and honest answer. This study aims at searching for ways to raise your welfare and reduce tour water problem. Your response will help to situate the problem of water in Mauritius.
- 1.3. This survey is completely anonymous and no information will be revealed to any third party. The data which will be collected from this survey will be aggregated and hence, no respondent will be identified from the information.
- 1.4. Your participation is very important. With this survey, we plan to have effective solutions to manage water for 1.2million inhabitants of Mauritius. We make an earnest request to you to give us some of the precious time.
- 1.5. This survey will take around 25-30 minutes to complete.

# Mauritian survey (The University of Mauritius)

42. Please state whether you collect rainwater?*(eski ou enaene system pu stoquage de leau)*

Yes	1	No	0
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43. If yes, please state the water storage capacity in litres *(sioui, combien capacite stokage).....*

44. Please specify an estimate of the cost incurred for the collection of rainwater?*(combien in coute ou pu saequipment de leau la)Rs.....*

45. Do you have other sources of water for consumption? E,g rivers, public fountain, lake, well

Yes	1	No	0
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46. If yes, please specify.....

47. Please rate the quality of water you have at home.

Extremely worst	Very bad (cannot drink, cannot use for hygienic purposes)	Bad (not good can manage)	Good	Excellent
1	2	3	4	5

48. To what extent you are satisfied with the water supply facility in your place?

Not satisfied at all	Somewhat satisfied	Neither satisfied nor dissatisfied	satisfied	Very satisfied
1	2	3	4	5



# Canadian survey (Statistics Canada)



Statistics Canada  
Statistique Canada

Greenhouse Gas Emission Report 2008

Canada

*Ce questionnaire est disponible  
en français, veuillez téléphoner  
au 1-800-949-9491*



Manufacturing, Construction and Energy Division

## **Greenhouse Gas Emissions Report**

**Reference period:**

January 1 - December 31, 2008

### **OBJECTIVE**

Accurate tracking of greenhouse gas (GHG) emissions is an important part of assessing Canada's overall environmental performance. By providing a more precise picture of the sources and amounts of Canada's GHG emissions, the GHG Emissions Reporting program will contribute to the development, implementation, and evaluation of climate change and energy use policies and strategies.

The federal government continues to work in partnership with the provinces and territories to develop an efficient, harmonized, "single-window" domestic reporting system for GHG emissions that supports three complementary objectives:

- to provide Canadians with information on GHG emissions;
- to enhance the level of detail of the National GHG Inventory and;
- to meet provincial and territorial reporting requirements for GHG emissions and related information.

**SECTION I. REPORTER\* INFORMATION**

**SECTION II. FACILITY\* INFORMATION**

**SECTION III. ADDITIONAL CONTACT INFORMATION**

**SECTION IV. PARENT COMPANY INFORMATION**

**SECTION V. MAIN SECTOR OF ACTIVITY**

**SECTION VI. GHG EMISSIONS INFORMATION**

**SECTION VII. COMMENTS**

**SECTION VIII. CONFIDENTIALITY REQUEST**

# Questions

- How should the UNSD compilation be used by countries?
- Should the compilation include topics related to the environment, such as agriculture, which is under FAO's mandate or should there be a link to a possible compilation by FAO?
- Should guidance be provided in using or interpreting the questionnaires? Can countries provide field reports detailing problems encountered during a data collection exercise, quality reports and analytical reports, etc?
- Should there be a compilation of best practices (and for which topics, given that some environment statistics are already well covered, with many practices compiled, e.g. crops and livestock) – covering a variety of regions and country circumstances for resource availability, staffing, skill levels, e.g., where surveys are feasible, administrative data etc.?
- What data collection methods (e.g. remote sensing and GIS) can be useful for data difficult to collect or as alternative/complementary data sources?