

# 100 Indicators

## Measuring the nexus between gender and environment:

### Leveraging data from population surveys

The following list of indicators was put together to provide a menu of options for countries wishing to measure environmental issues from a gender perspective. The list includes, among others, SDG indicators, Sendai indicators and indicators from the Asia-Pacific set of Gender-Environment indicators. All the indicators included in this list can be calculated utilizing individual-level populations surveys and, in particular, Gender and Environment Survey (GES) items, in line with the [Model Questionnaire on Gender and the Environment](#).

| GES Indicator no. | Indicator name  | Module in Model Questionnaire     | General reference area  | Correspondence with other indicators | Reference population   | Level of disaggregation | Additional recommended disaggregation |
|-------------------|---|-----------------------------------|---|--------------------------------------|--|-------------------------|---------------------------------------|
| 1                 | (a) Proportion of total agricultural population with ownership or secure rights over agricultural land, by sex; and (b) share of women among owners or rights-bearers of agricultural land, by type of tenure | Asset ownership; Household Roster | Natural resource management, conservation and use, Resilience | SDG 5.a.1, GE2                       | Agricultural population                                      | Sex and type of tenure  | Mean size of land (intervals)         |
| 2                 | Proportion of population using safely managed drinking water services, by sex   | Housing characteristics           | Natural resource management, conservation and use, Health     | (similar to SDG 6.1.1), GE5          | Total population   | Sex                     | Season                                |
| 3                 | Proportion of population with access to electricity, by sex   | Housing characteristics           | Natural resource management, conservation and use             | (similar to SDG 7.1.1), GE6          | Total population   | Sex                     | Location, type of electricity         |
| 4                 | Proportion of population using (a) safely managed sanitation services and (b) a hand-washing facility with soap and water, by sex   | Housing characteristics           | Health  | (similar to SDG 6.2.1), GE27         | Total population   | Sex                     | Location                              |
| 5                 | Proportion of households where women and girls are in charge of water collection, by median time to source  | Housing characteristics           | Natural resource management, conservation and use             | GE11                                 | Households without water in premises                         | By sex, time to source  | Location, mode of transport           |
| 6                 | Proportion of population living in households where sanitation facilities are poorly illuminated, lack a lock, or are shared with other households, by sex  | Housing characteristics           | Health  | No                                   | Population using sanitation facilities outside the household | Sex                     | Location                              |

| GES Indicator no. | Indicator name  | Module in Model Questionnaire                    | General reference area                                    | Correspondence with other indicators | Reference population                          | Level of disaggregation                         | Additional recommended disaggregation |
|-------------------|---|--|---|--------------------------------------|---|---|---------------------------------------|
| 7                 | Proportion of population whose dwelling unit or land is located in high environmental-risk areas, by sex and location   | Housing characteristics                          | Health; Exposure  | GE14                                 | Total population                              | Sex, Location                                   | Ethnicity, Nationality                |
| 8                 | Proportion of population living in households with basic electronics for access to early warning information, by sex and location   | Housing characteristics                          | Disasters   | No                                   | Total population                              | Sex, Location                                   | Age                                   |
| 9                 | Proportion of population living in households whose off-grid electricity uses renewable energy, by sex and location   | Housing characteristics                          | Natural resource management, conservation and use         | No                                   | Population using off-grid electricity         | Sex, Location                                   | Type of off-grid electricity          |
| 10                | Proportion of population with primary reliance on clean fuels and technologies, by sex  | Housing characteristics                          | Health; Natural resource management, conservation and use | (similar to SDG 7.1.2), GE7          | Total population                              | Sex   | Location, Wealth                      |
| 11                | Proportion of households where women and girls are in charge of cooking, by type of fuel (clean/unclean)  | Housing characteristics                          | Health  | No                                   | Households                                    | Type of cooking fuel                            | Location                              |
| 12                | Proportion of households where women and girls are in charge of gathering cooking fuel, by median time  | Housing characteristics                          | Natural resource management, conservation and use; Health | GE9                                  | Households cooking with liquid or solid fuels | Median time spent on fuel gathering             | Location                              |
| 13                | Proportion of population exposed to hazards in the past 12 months who were able to access and understand early warning information, by sex, location, type of disaster and type of medium | Disaster exposure, preparedness and consequences | Disasters   | No                                   | Hazard-exposed population                     | Sex, Location, type of disaster, type of medium | Educational attainment                |
| 14                | Proportion of population exposed to hazards in the past 12 months who put precautionary measures in place for disaster preparedness, by sex and type of measure                           | Disaster exposure, preparedness and consequences | Disasters   | No                                   | Hazard-exposed population                     | Sex, type of measure                            | Type of hazard/disaster               |
| 15                | Proportion of population exposed to hazards in the past 12 months who put in place measures to preserve water, food or medicines, by sex  | Disaster exposure, preparedness and consequences | Disasters   | No                                   | Hazard-exposed population                     | Sex   | Access to early warning               |
| 16                | Proportion of population exposed to hazards in the past 12 months who put in place measures to protect seeds, crops, or livestock, by sex   | Disaster exposure, preparedness and              | Disasters   | No                                   | Hazard-exposed population who practice        | Sex   | Access to early warning               |

| GES Indicator no. | Indicator name  | Module in Model Questionnaire                    | General reference area | Correspondence with other indicators | Reference population      | Level of disaggregation                     | Additional recommended disaggregation   |
|-------------------|---|--|------------------------|--------------------------------------|---------------------------|---|---|
|                   |   | consequences                                     |                        |                                      | agriculture               |   |   |
| 17                | Proportion of population exposed to hazards in the past 12 months who constructed or reinforced buildings or structures, by sex   | Disaster exposure, preparedness and consequences | Disasters              | No                                   | Hazard-exposed population | Sex   | Access to early warning                 |
| 18                | Proportion of population exposed to hazards in the past 12 months whose time spent on unpaid care work increased as a result, by sex and type of care (adult/child)             | Disaster exposure, preparedness and consequences | Disasters              | No                                   | Hazard-exposed population | Sex, type of care                           | Type of hazard/disaster                 |
| 19                | Proportion of population exposed to hazards in the past 12 months whose time spent on unpaid domestic work increased as a result, by sex  | Disaster exposure, preparedness and consequences | Disasters              | No                                   | Hazard-exposed population | Sex   | Type of hazard/disaster; marital status |
| 20                | Proportion of population exposed to hazards in the past 12 months whose time spent on water collection increased as a result, by sex and reason (source compromised/ shortages) | Disaster exposure, preparedness and consequences | Disasters              | No                                   | Hazard-exposed population | Sex, Reason                                 | Location; Type of hazard                |
| 21                | Proportion of population exposed to hazards in the past 12 months whose water source was damaged or subject to shortages, by sex of the person in charge of water collection    | Disaster exposure, preparedness and consequences | Disasters              | No                                   | Hazard-exposed population | Sex of person in charge of water collection | Location; Type of hazard                |
| 22                | Proportion of population exposed to hazards in the past 12 months who had to switch to unclean fuels for cooking, heating or lighting, by sex of person in charge of cooking    | Disaster exposure, preparedness and consequences | Disasters; Health      | No                                   | Hazard-exposed population | Sex, Location                               | Location; Type of hazard                |
| 23                | Proportion of population exposed to hazards in the past 12 months whose time spent on fuel and firewood collection increased as a result, by sex                                | Disaster exposure, preparedness and consequences | Disasters              | No                                   | Hazard-exposed population | Sex   | Location; Type of hazard                |
| 24                | Proportion of population exposed to hazards in the past 12 months who had to switch to unimproved sanitation or start sharing sanitation facilities as a result, by sex         | Disaster exposure, preparedness and consequences | Disasters              | No                                   | Hazard-exposed population | Sex   | Location; Type of hazard                |

| GES Indicator no. | Indicator name   | Module in Model Questionnaire                    | General reference area | Correspondence with other indicators | Reference population   | Level of disaggregation  | Additional recommended disaggregation                  |
|-------------------|--|--|------------------------|--------------------------------------|--|--|--|
| 25                | Proportion population exposed to hazards in the past 12 months who encountered barriers to accessing medical care or hygiene products as a result, by sex, location and displacement | Disaster exposure, preparedness and consequences | Disasters, health      | No                                   | Hazard-exposed population, 18+                                     | Sex, Location, Displacement                                      | Type of hazard; Ethnicity; Disability status           |
| 26                | Proportion of population exposed to hazards in the past 12 months who lost access to public transportation as a result, by sex and location  | Disaster exposure, preparedness and consequences | Disasters              | No                                   | Hazard-exposed population  | Sex, Location  | Type of hazard; Ethnicity; Disability status           |
| 27                | Proportion of population exposed to hazards in the past 12 months whose mental health was affected as a result, by sex   | Disaster exposure, preparedness and consequences | Disasters, health      | No                                   | Hazard-exposed population  | Sex  | Type of hazard; Ethnicity; Disability status           |
| 28                | Proportion of population exposed to hazards in the past 12 months who noted that crime or violence have worsened as a result, by sex and type of event (crime/violence)              | Disaster exposure, preparedness and consequences | Disasters, violence    | GE17                                 | Hazard-exposed population  | Sex; Type of event (crime/violence)                              | Type of hazard; Location; Ethnicity; Disability status |
| 29                | Proportion of population exposed to hazards in the past 12 months whose crops or livestock were damaged or destroyed, by sex and whether this was main source of income              | Disaster exposure, preparedness and consequences | Disasters              | No                                   | Hazard-exposed population that grew crops or raised livestock, 18+ | Sex; Whether agriculture/farming was their main source of income | Type of hazard; Ethnicity                              |
| 30                | Proportion of population exposed to hazards in the past 12 months who lost their job as a result, by sex and formality   | Disaster exposure, preparedness and consequences | Disasters              | No                                   | Hazard-exposed population who were employed prior, 18+             | Sex, Formality   | Type of job/employment sector                          |
| 31                | Proportion of population exposed to hazards in the past 12 months who experienced temporary or permanent displacement as a result, by sex and household composition                  | Disaster exposure, preparedness and consequences | Disasters              | GE15                                 | Hazard-exposed population  | Sex  | Type of displacement                                   |
| 32                | Proportion of population engaged in decision-making groups on disaster/hazard management and response, by sex  | Disaster exposure, preparedness and consequences | Disasters              | No                                   | Hazard-exposed population, 18+                                     | Sex  | Ethnicity; Type of hazard                              |

| GES Indicator no. | Indicator name  | Module in Model Questionnaire                                   | General reference area | Correspondence with other indicators   | Reference population                        | Level of disaggregation  | Additional recommended disaggregation                                    |
|-------------------|---|---|------------------------|--|---|--|--|
| 33                | Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population, by sex, type of disaster and type of effect       | Disaster exposure, preparedness and consequences                | Disasters              | (similar to indicators SDG 1.5.1; 11.5.1; 13.1.1), (similar to Sendai A-1), GE12 | Hazard-exposed population                   | Sex; Type of disaster; Type of effect (death, missing, affected) | Disability status; ethnicity   |
| 34                | Number of people whose damaged dwellings were attributed to disasters, by sex   | Disaster exposure, preparedness and consequences                | Disasters              | (similar to Sendai B-3), GE16  | Hazard-exposed population                   | Sex  | Type of disaster   |
| 35                | Number of people whose livelihoods were disrupted or destroyed, attributed to disasters, by sex and severity  | Disaster exposure, preparedness and consequences                | Disasters              | (similar to Sendai indicator B-5), GE13  | Hazard-exposed population                   | Sex, Severity (number of livelihood items affected)              | Disability status, Type of disaster                                      |
| 36                | Proportion of urban population living in slums, informal settlements or inadequate housing, by sex  | Housing characteristics   | Health; Exposure       | (similar to SDG indicator 11.1.1), GE26  | Urban population                            | Sex  | Nationality  |
| 37                | Proportion of population with access to information on the effects of climate change, by sex and source   | Exposure to and preparedness for climate change related effects | Climate change         | No   | Population who witnessed climate change     | Sex, Information source  | Location, Disability Status, Type of hazard                              |
| 38                | Proportion of population experiencing disasters in the past 12 months whose personal income decreased as a result, by sex and type of hazard                      | Exposure to and preparedness for climate change related effects | Climate change         | No   | Population who witnessed climate change 18+ | Sex, Type of hazard  | Reliance on environmental livelihoods; Ethnicity; Educational attainment |
| 39                | Proportion of population who decreased food intake as a result of climate change, by sex and household composition  | Exposure to and preparedness for climate change related effects | Climate change; Health | No   | Population who witnessed climate change     | Sex, household composition                                       | Type of climate hazard   |
| 40                | Proportion of land or livestock users who attributed their increased use of pesticides or antibiotics to the effects of climate change, by sex and type of hazard | Exposure to and preparedness for climate change related effects | Climate change         | No   | Population operating land or livestock      | Sex, Type of hazard  | Ethnicity  |

| GES Indicator no. | Indicator name  | Module in Model Questionnaire                                   | General reference area | Correspondence with other indicators | Reference population                      | Level of disaggregation                | Additional recommended disaggregation  |
|-------------------|---|---|------------------------|--------------------------------------|---|--|--|
| 41                | Proportion of fishing/marine harvesting population who had to increase the time spent fishing to cope with the effects of environmental degradation and biodiversity loss, by sex | Exposure to and preparedness for climate change related effects | Climate change         | No                                   | Population operating land or livestock    | Sex                                    | Fishing method; Asset ownership  |
| 42                | Proportion of land or livestock users who noted drops in yield as a result of climate change, by sex and whether this was their main source of income                             | Exposure to and preparedness for climate change related effects | Climate change         | No                                   | Agricultural population                   | Sex; Main source of income             | Ethnicity; Hazard  |
| 43                | Proportion of fishers, hunters and gatherers who had to switch locations as a result of climate change, by sex  | Exposure to and preparedness for climate change related effects | Climate change         | No                                   | Fishing, hunting and gathering population | Sex                                    | Type of climate hazard, Assets owned   |
| 44                | Proportion of population who changed or lost their job as a result of climate change, by sex and formality  | Exposure to and preparedness for climate change related effects | Climate change         | No                                   | 18+                                       | Sex;                                   | Educational attainment; Type of climate hazard                                 |
| 45                | Proportion of population who attributed health ailments to the effects of climate change, by sex and type of ailment (mental/physical)  | Exposure to and preparedness for climate change related effects | Climate change; Health | No                                   | Total population                          | Sex, Type of ailment (mental/physical) | Type of climate hazard; Ethnicity; Location near high environmental-risk areas |
| 46                | Proportion of population who attributed health ailments to the increasing use of pesticides, fertilizers and other chemicals, by sex and type of ailment (mental/physical)        | Exposure to and preparedness for climate change related effects | Climate change         | No                                   | 18+                                       | Sex, Type of ailment (mental/physical) | Type of climate hazard; Ethnicity; Location near high environmental-risk areas |
| 47                | Proportion of population whose time spent on domestic work increased as a result of climate change, by sex  | Exposure to and preparedness for climate change related effects | Climate change         | No                                   | Total population                          | Sex                                    | Type of climate hazard, Household composition                                  |
| 48                | Proportion of population whose time spent on care work increased as a result of   | Exposure to and preparedness for                                | Climate change         | No                                   | Population who lives with                 | Sex, Type of care                      | Type of climate hazard   |

| GES Indicator no. | Indicator name  | Module in Model Questionnaire                                   | General reference area                            | Correspondence with other indicators | Reference population                              | Level of disaggregation                               | Additional recommended disaggregation                    |
|-------------------|---|---|---|--------------------------------------|---|---|--|
|                   | climate change, by sex and type (child/adult)   | climate change related effects                                  |   |                                      | others or has family members                      |   |  |
| 49                | Proportion of population whose time spent on production of environmental goods increased as a result of climate change, by sex and type of good (fetching water, fuels, garbage, fishing, aquaculture, livestock, food processing, mining, collecting plants, hunting, farming) | Exposure to and preparedness for climate change related effects | Climate change                                    | No                                   | Population with environmental livelihoods         | Sex, Type of good                                     | Type of climate hazard; Ethnicity; Types of assets owned |
| 50                | Proportion of population who saw increases in crime and violence as a result of climate change, by sex  | Exposure to and preparedness for climate change related effects | Climate change                                    | No                                   | Total population                                  | Sex   | Type of climate hazard                                   |
| 51                | Proportion of women in climate-related committees and management bodies, by ethnicity   | Exposure to and preparedness for climate change related effects | Climate change                                    | No                                   | Population engaging in climate related committees | Sex, Ethnicity  | Location, Educational attainment                         |
| 52                | Proportion of employed population engaged in green jobs, by sex   | Employment in the green economy                                 | Natural resource management, conservation and use | GE20                                 | 18+ employed population                           | Sex   | Educational attainment                                   |
| 53                | Proportion of population utilizing land for agriculture or livestock grazing who saw soil degradation, by sex and type of land (developed vs. wild/primary forest)  | Agriculture and land use  | Natural resource management, conservation and use | No                                   | Population operating land or livestock            | Sex, Type of land (developed vs. wild/primary forest) | Median size of degraded area (intervals); Ethnicity      |
| 54                | Proportion of population that noted decreases in the availability of irrigation water, by sex and source of irrigation  | Agriculture and land use  | Natural resource management, conservation and use | No                                   | Population that uses irrigation                   | Sex; Source of irrigation                             | Location near high environmental risk areas              |
| 55                | Proportion of population operating land for agriculture or livestock that uses synthetic fertilizers, pesticides, or growth promoter, by sex  | Agriculture and land use  | Natural resource management, conservation and use | No                                   | Population operating land or livestock            | Sex   | Ethnicity  |
| 56                | Proportion of population raising plants or livestock that applied measures to mitigate  | Agriculture and land use  | Natural resource management,                      | No                                   | Population raising plants                         | Sex   | Type of measures taken                                   |

| GES Indicator no. | Indicator name   | Module in Model Questionnaire   | General reference area                            | Correspondence with other indicators | Reference population  | Level of disaggregation           | Additional recommended disaggregation                    |
|-------------------|--|---------------------------------|---|--------------------------------------|---|-----------------------------------|--|
|                   | environmental-related risks, by sex  |                                 | conservation and use                              |                                      | or livestock  |                                   |  |
| 57                | Proportion of population undertaking environmentally sustainable agriculture, by sex   | Agriculture and land use        | Natural resource management, conservation and use | (similar to SDG 2.4.1), GE21         | Population raising plants or livestock                                | Sex                               | Ethnicity; Type of animal and sex of main caregiver      |
| 58                | Proportion of population using traditional knowledge for sustainable crop management, by sex and ethnicity   | Agriculture and land use        | Natural resource management, conservation and use | GE29                                 | Population raising crops  | Sex; ethnicity                    | Age  |
| 59                | Proportion of households where women and girls are in charge of taking care of animals, by type of animal (large/small)  | Agriculture and land use        | Natural resource management, conservation and use | No                                   | Households that own or operate livestock                              | Sex; type of animal (large/small) |  |
| 60                | Proportion of population that are subsistence farmers, fishers, hunters and gatherers (a) out of total population; and (b) out of farming, fishing, hunting and gathering population, by sex | Environment related livelihoods | Natural resource management, conservation and use | GE19                                 | Population 18+; or farming, fishing, hunting and gathering population | Sex                               | Ethnicity  |
| 61                | Proportion of population who felt unsafe collecting water in the past 12 months, by sex  | Housing characteristics         | Health  | No                                   | Population who fetched water in the past 12 months                    | Sex                               | Ethnicity; Disability                                    |
| 62                | Proportion of fishing/marine harvesting population whose catch (relative to resources) decreased over time, by sex   | Environment-related livelihoods | Natural resource management, conservation and use | No                                   | Fishing/marine harvesting population                                  | Sex                               | Access to fish stock information; Educational attainment |
| 63                | Proportion of population who had to change fishing/marine harvesting location as a result of environmental degradation or biodiversity loss, by reason and sex                               | Environment-related livelihoods | Natural resource management, conservation and use | GE4                                  | Fishing/marine harvesting population                                  | Sex, reason                       | Ethnicity, asset ownership                               |
| 64                | Median proportion of bycatch in daily catch, by sex and fishing method   | Environment-related livelihoods | Natural resource management, conservation and use | No                                   | Fishing/marine harvesting population                                  | Sex, Fishing method               | Asset ownership  |



| GES Indicator no. | Indicator name  | Module in Model Questionnaire   | General reference area                            | Correspondence with other indicators | Reference population                                       | Level of disaggregation | Additional recommended disaggregation  |
|-------------------|---|---------------------------------|---|--------------------------------------|--|-------------------------|--|
| 65                | Proportion of fishing/marine harvesting population who saw increases in their share of by-catch in the past 10 years, by sex  | Environment-related livelihoods | Natural resource management, conservation and use | No                                   | Fishing/marine harvesting population                       | Sex                     | Fishing method                         |
| 66                | Proportion of people who support fish stock monitoring by looking at fish stock status and reporting on catch, by sex   | Environment-related livelihoods | Natural resource management, conservation and use | No                                   | Fishing/marine harvesting population                       | Sex                     | Fishing method; Educational attainment |
| 67                | Proportion of fishing/marine harvesting population using highly destructive fishing methods, by sex and method  | Environment-related livelihoods | Natural resource management, conservation and use | No                                   | Fishing/marine harvesting population                       | Sex, fishing method     | Ethnicity; Educational attainment      |
| 68                | Proportion of population following sustainable fishing/marine harvesting practices, by sex  | Environment-related livelihoods | Natural resource management, conservation and use | No                                   | Fishing/marine harvesting population                       | Sex                     | Ethnicity; Educational attainment      |
| 69                | Proportion of fishing/marine harvesting population contributing to recycling or reusing of gear, by sex   | Environment-related livelihoods | Natural resource management, conservation and use | No                                   | Fishing/marine harvesting population                       | Sex                     | Fishing method, Age                    |
| 70                | Proportion of people engaged in marine pre-harvest, post-harvest and marketing operations who saw increases in the time spent processing food as a result of climate change, by sex | Environment-related livelihoods | Natural resource management, conservation and use | No                                   | Marine pre-harvest, post-harvest and marketing population  | Sex                     | Type of operation; Type of hazard      |
| 71                | Proportion of people whose aquaculture management practices pose a threat to nearby natural resources, by sex   | Environment-related livelihoods | Natural resource management, conservation and use | No                                   | Population engaged in aquaculture                          | Sex                     | Educational attainment, Ethnicity      |
| 72                | Proportion of foraging, logging, hunting or livestock grazing population using wild forests, pastures or wild wooded land for their livelihoods, by sex                             | Environment-related livelihoods | Natural resource management, conservation and use | No                                   | Foraging, logging, hunting or livestock grazing population | Sex                     | Ethnicity                              |
| 73                | Proportion of fishing/marine harvesting population participating in fishery management  | Environment-related livelihoods | Natural resource management,                      | No                                   | Fishing or marine harvesting                               | Sex                     | Ethnicity                              |

| GES Indicator no. | Indicator name   | Module in Model Questionnaire                   | General reference area  | Correspondence with other indicators | Reference population  | Level of disaggregation | Additional recommended disaggregation                                |
|-------------------|--|---|---|--------------------------------------|---|-------------------------|--|
|                   | groups or related conservation bodies, by sex  |   | conservation and use  |                                      | population  |                         |  |
| 74                | Proportion of population relying on natural resources for their livelihoods, by sex and type of livelihood (agriculture, aquaculture, fishery, marine pre/post-harvest or marketing operations, forestry, hunting, gathering, mining, water collection, food processing, garbage management) | Environment-related livelihoods; Climate Change | Natural resource management, conservation and use; Climate Change | No                                   | 18+ population  | Sex, Type of livelihood | Ethnicity  |
| 75                | Proportion of population whose main source of income is environment-related, by sex  | Environment-related livelihoods                 | Natural resource management, conservation and use                 | No                                   | 18+ population  | Sex                     | Type of livelihood; Ethnicity  |
| 76                | Proportion of wild forest users who gather, extract or use forest products for the creation of cultural products, by sex   | Environment-related livelihoods                 | Natural resource management, conservation and use                 | No                                   | Wild forest users   | Sex                     | Ethnicity  |
| 77                | Proportion of wild forest users who put in place measures to preserve wild forest biodiversity and availability of forest products, by sex   | Environment-related livelihoods                 | Natural resource management, conservation and use                 | No                                   | Wild forest users   | Sex                     | Ethnicity, type of forest activity                                   |
| 78                | Proportion of wild forest users who saw degradation of the forest area used, including drops in total area and biodiversity loss, by sex   | Environment-related livelihoods                 | Natural resource management, conservation and use                 | No                                   | Wild forest users   | Sex                     | Ethnicity  |
| 79                | Proportion of wild forest users who participate in forest groups or communal land governance groups, by sex  | Environment-related livelihoods                 | Natural resource management, conservation and use                 | No                                   | Wild forest users   | Sex                     | Ethnicity, Educational attainment                                    |
| 80                | Proportion of water fetching population who participate in water management committees, by sex   | Environment-related livelihoods                 | Natural resource management, conservation and use                 | No                                   | Water fetching population   | Sex                     | Ethnicity  |
| 81                | Proportion of population engaging in waste management who did not earn any personal income, by sex   | Environment-related livelihoods                 | Natural resource management, conservation and use                 | No                                   | Population engaging in waste management for sale, profit or wage work | Sex                     | Location; Ethnicity; Reason for engagement (wage work, profit, etc.) |
| 82                | Proportion of population engaging in waste management  | Environment-                                    | Natural resource  | No                                   | Population  | Sex                     | Educational attainment;  |

| GES Indicator no. | Indicator name  | Module in Model Questionnaire   | General reference area  | Correspondence with other indicators | Reference population  | Level of disaggregation               | Additional recommended disaggregation   |
|-------------------|---|---------------------------------|---|--------------------------------------|---|---------------------------------------|---|
|                   | subjected to wage discrimination, by sex  | related livelihoods             | management, conservation and use  |                                      | engaging in waste management who receive remuneration                         |                                       | Location; Ethnicity                     |
| 83                | Proportion of waste management population are women, by value of material collected (high/low value materials)  | Environment-related livelihoods | Natural resource management, conservation and use                                   | No                                   | Population engaging in waste management                                       | Value of material collected           | Educational attainment                  |
| 84                | Proportion of population engaging in waste management that have ever felt unsafe while picking, sorting or recycling garbage, by sex and companion  | Environment-related livelihoods | Natural resource management, conservation and use; Health                           | No                                   | Population engaging in waste management                                       | Sex, Companion for garbage management | Disability; Value of material collected |
| 85                | Proportion of population engaging in waste management that experienced disease as a result, by sex and type of equipment used   | Environment-related livelihoods | Natural resource management, conservation and use ; Health                          | No                                   | Population engaging in waste management                                       | Sex, Type of equipment                |   |
| 86                | Proportion of population using wild forests that are women, by type of use  | Environment-related livelihoods | Natural resource management, conservation and use                                   | No                                   | Wild forest users   | Type of use                           | Ethnicity                               |
| 87                | Proportion of population harvesting forest products for the creation of cultural goods and services who use sustainable management practices, including traditional knowledge, by sex and ethnicity | Environment-related livelihoods | Traditional ecological knowledge; Natural resource management, conservation and use | GE30                                 | Wild forest users   | Sex, Ethnicity                        | Age                                     |
| 88                | Proportion of wild forest users who use sustainable management practices, including traditional knowledge, by sex   | Environment-related livelihoods | Traditional ecological knowledge; Natural resource management, conservation and use | No                                   | Population using wild forests for the creation of cultural goods and services | Sex                                   | Ethnicity                               |
| 89                | Proportion of mining population who followed practices to mitigate environmental degradation, by sex and number of practices  | Environment-related livelihoods | Natural resource management, conservation and use                                   | No                                   | Mining population   | Sex, number of practices              | Educational attainment                  |

| GES Indicator no. | Indicator name  | Module in Model Questionnaire   | General reference area  | Correspondence with other indicators | Reference population   | Level of disaggregation        | Additional recommended disaggregation                     |
|-------------------|---|---------------------------------|---|--------------------------------------|--|--------------------------------|---|
| 90                | Proportion of mining population who experienced health issues as a result, by sex   | Environment-related livelihoods | Natural resource management, conservation and use; Health     | No                                   | Mining population  | Sex                            | Disability  |
| 91                | Proportion of people participating in sector-specific environmental governance bodies (a) Participation in communal land governance bodies, by sex; (b) Participation in forest groups, by sex; (c) Participation in water governance bodies, by sex; (d) Executive managers of national energy utilities, by sex | Environment-related livelihoods | Natural resource management, conservation and use             | GE28                                 | Mining population  | Sex                            | Location, Educational attainment                          |
| 92                | Proportion of agricultural population that, alone or jointly, own large agricultural assets, by sex and type of ownership   | Asset Ownership                 | Resilience  | No                                   | 18+ agricultural population  | Sex, type of ownership         | Type of asset   |
| 93                | Proportion of population who engages in aquaculture, fishing or marine harvesting that, alone or jointly, own large fishing equipment, by sex and type of ownership   | Asset Ownership                 | Resilience  | No                                   | 18+ population that engages in aquaculture, fishing or marine harvesting | Sex, type of ownership         | Type of asset   |
| 94                | Proportion of the population who, alone or jointly, owns financial or physical assets that could be used as collateral during crises, by sex, number of assets, type of assets  | Asset Ownership                 | Resilience  | No                                   | 18+  | Sex, number and type of assets | Type of ownership   |
| 95                | Proportion of total adult population with secure tenure rights to land, (a) with legally recognized documentation, and (b) who perceive their rights to land as secure, by sex and type of tenure   | Asset ownership                 | Natural resource management, conservation and use; Resilience | SDG 1.4.2, GE1                       | 18+  | Sex, type of tenure            | Mean size of land (intervals)                             |
| 96                | Proportion of population who usually decide, alone or jointly, regarding purchases and sales of farming products and animals, by sex  | Decision making and mobility    | Natural resource management, conservation and use; Resilience | No                                   | 18+  | Sex                            | Educational attainment, Purpose of agricultural practices |
| 97                | Proportion of population who usually decide, alone or jointly, regarding household garbage management, by sex   | Decision making and mobility    | Natural resource management, conservation and use             | No                                   | 18+  | Sex                            | Educational attainment; Purpose of waste                  |

| GES Indicator no. | Indicator name  | Module in Model Questionnaire | General reference area  | Correspondence with other indicators | Reference population | Level of disaggregation | Additional recommended disaggregation              |
|-------------------|---|-------------------------------|---|--------------------------------------|----------------------|-------------------------|--|
|                   |   |                               |   |                                      |                      |                         | management practices                               |
| 98                | Proportion of population who usually decide, alone or jointly, regarding purchases of fuels, by sex   | Decision making and mobility  | Natural resource management, conservation and use; Resilience | No                                   | 18+                  | Sex                     | Educational attainment; Purpose of fuel collection |
| 99                | Proportion of population who typically uses public transportation, by sex and decision maker          | Decision making and mobility  | Natural resource management, conservation and use             | No                                   | 18+                  | Sex; Decision maker     | Location   |
| 100               | Proportion of population who uses a private vehicle at least twice a week, by sex and type of vehicle | Decision making and mobility  | Environmental degradation                                     | No                                   | 18+                  | Sex, type of vehicle    | Location   |

