Guidance note for incorporating the gender perspective in climate change statistics

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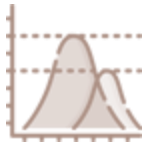
Objectives of the guideline

Raising awareness among data producers: Why gender in climate statistics

Examining how climate change affects men and women differently



Illustrating how statistics measure the climate–gender link, highlighting country references

Providing guidelines for integrating a gender perspective across all phases of climate-change statistics

Why gender matters in climate change statistics

- Address critical data gaps
- Promote inclusive data ecosystems
- Reveal unequal impacts
- Design more equitable climate actions

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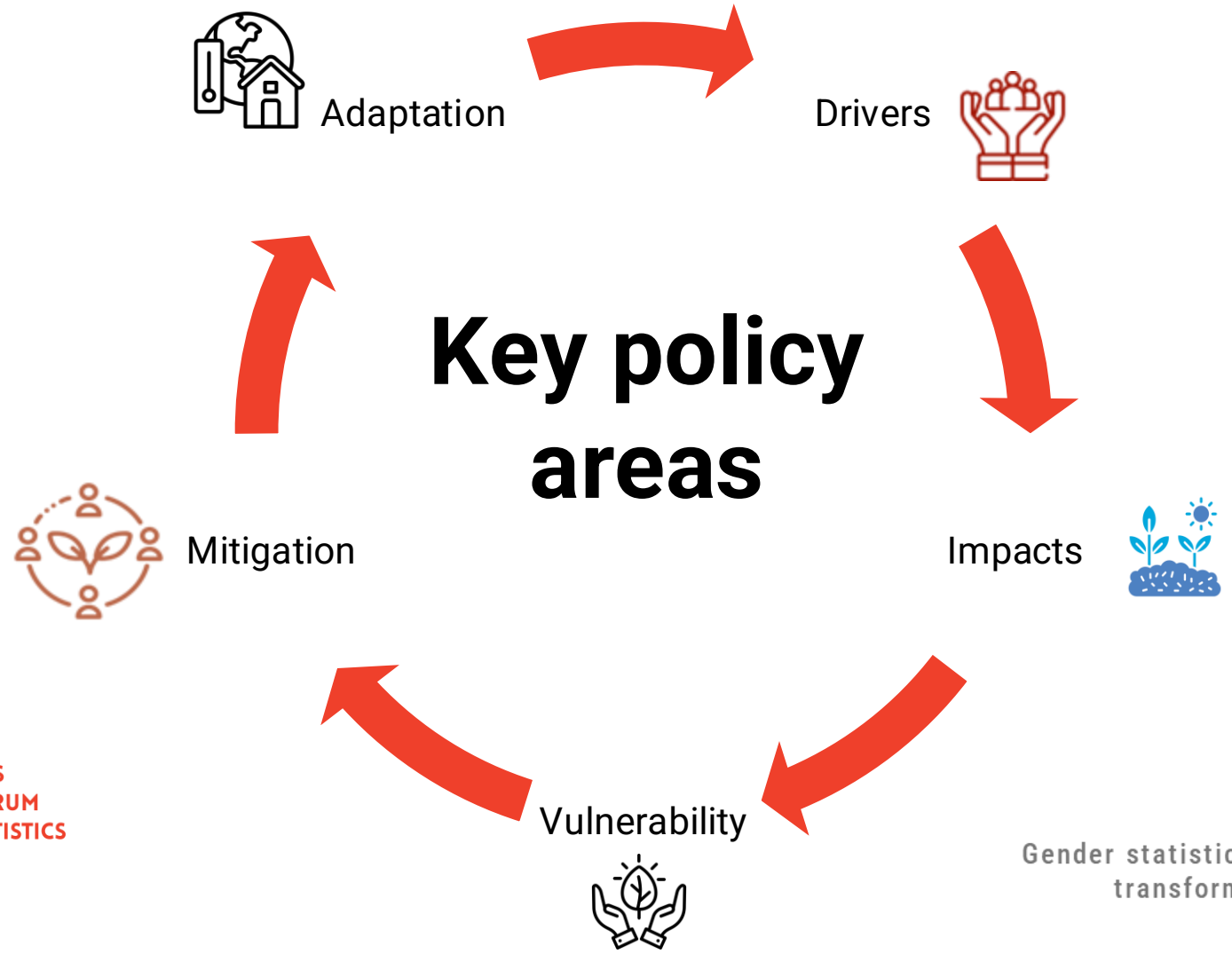
Gendered effects of climate change

Explaining differences in men's and women's climate responses—and why they persist—requires measuring gendered effects, considering …



Country references

Strategy	Drivers	Impacts	Vulnerabilities	Mitigation	Adaptation
Mainstreaming gender–Environment/Climate Change modules in household surveys or population censuses	Cabo Verde Tanzania Suriname			Finland Mexico	Tanzania Ireland Italy Botswana Sweden
Sectoral studies & sector-specific surveys	Armenia Finland	Nepal	Brazil Burundi Spain South Africa		Spain Finland
Producing sex-disaggregated climate-impact data through collection or record linkage	Finland Ireland	Armenia Spain			
National Accounts and Integrated Systems	Mexico			Mexico Colombia	
Legal and policy frameworks—global to national—for sex-disaggregated climate-impact data	Pacific Islands Suriname	Spain South Africa		Spain United Kingdom	
Tracking Gender in Climate Governance and Decision-Making				Armenia Burundi	
Intersectional and Multi-Dimensional Impact Studies		Latin America & Caribbean Asia-Pacific: National	Case studies: Bahamas, Dominica, Jamaica, and Cuba. Finland Suriname		
Building capacity to measure gender-responsive adaptation					Brazil Cabo Verde United Kingdom Sweden

Statistical guidelines & considerations

Generic Statistical Business Process Model (GSBPM)

Identification of demand or priorities

Design and execution of statistical process:

Financial sustainability assessment

Monitor and improve the quality of statistical products

- Prioritize gender at every stage of the climate statistics production process
- Analyze with a gender and intersectional lens
- Align with national priorities
- Promote inclusive language and training
- Foster data sharing and cooperation

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Colombian experience

Environmental-Economic Accounting

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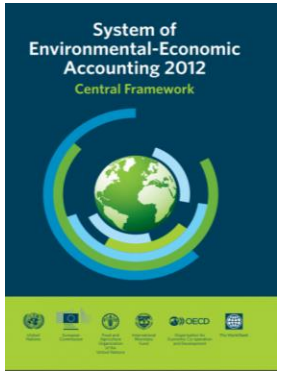
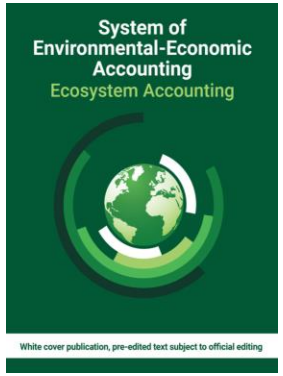
Environmental-Economic Accounting

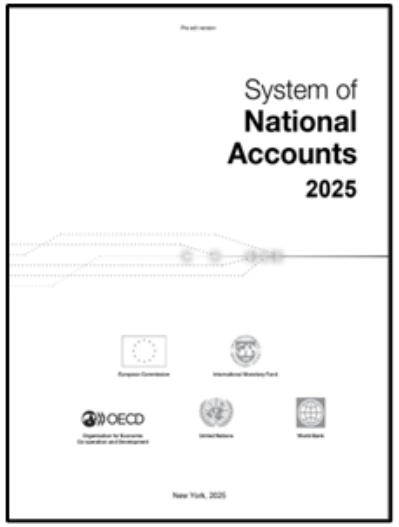
- **System of Environmental and Economic Accounting (SEEA)**
  - **SEEA-CF**



  - **SEEA-EA**



- **Thematic Environmental and Economic Accounts (TEEA)**
  - **Bioeconomy Account (BA)**
  - **Circular Economy Account (CEA)**



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- ✓ The EEA integrates environmental and economic data in one framework to analyze links across economic, social, and environmental dimensions. It´s an extension of the SNA, using the same concepts, definitions, classifications, and accounting rules

Colombian experience

Environmental-Economic Accounting *- Statistical operations with results disaggregated by gender*

- ✓ **Environmental and Economic Account of Environmental Activities and Associated Transactions:**

  Tracks investment in protection and natural-resource management by producer type, its financing, environmental taxes, and associated jobs (“green employment”).

- ✓ **Indicator:** Jobs in these activities by activity, sex, and geographic domain.

- ✓ **Bioeconomy Account:** Measures national annual value added from bioeconomy activities and publishes associated and derived indicators.

  - **Next release:** October 2025

  - **Associated indicators:**
    - Total number of researchers categorized by sex and researcher subtypes whose projects and/or products are aligned with the applications prioritized by the Bioeconomy and Territory Mission (Ministry of Science).

    - Number of people by sex funded for training in master’s degrees, doctorates, and/or postdoctoral fellowships, in the areas prioritized by the Bioeconomy and Territory Mission (Ministry of Science)

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Colombian experience

Business environmental survey

Provide information on environmental resource management in industry, trade, and services to guide decisions and monitor policies for sustainable development.

Statistical operations available

- Annual Trade Survey (EAC)
- Annual Services Survey (EAS)
- Industrial Environmental Survey (EAI)
- Circular economy indicators

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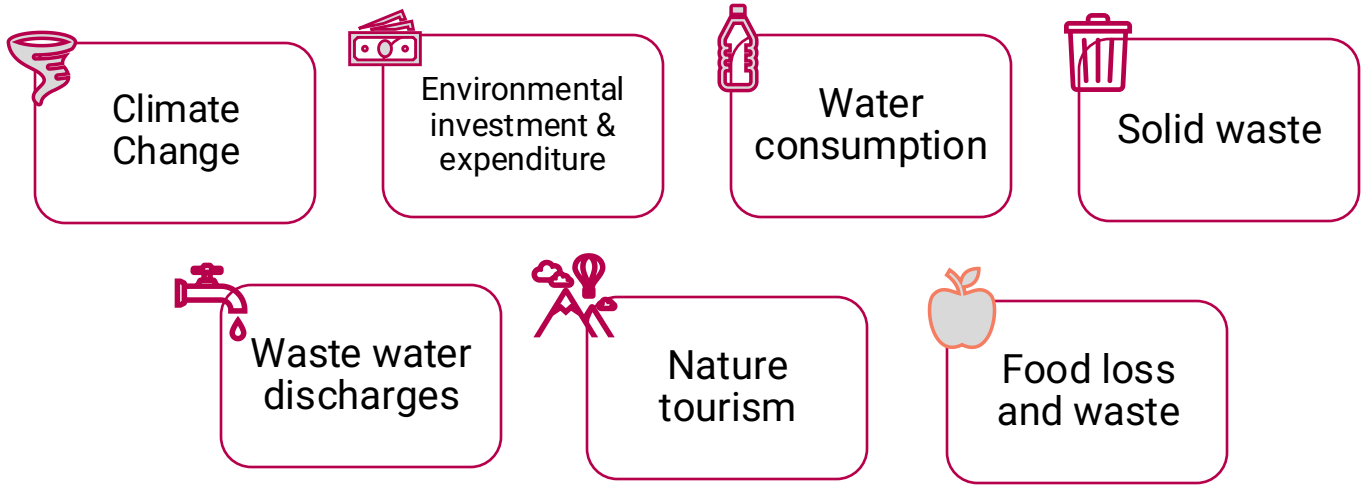
Main variables



Indicators disaggregated by gender

- ✓ Number of people engaged in environmental protection activities, by sex (men/women) and type of contract.
- ✓ Number of people, by sex (men/women), who received more than 8 hours of training in climate-change adaptation and mitigation, biodiversity conservation, sustainable production and consumption, and circular economy (Ministry of Commerce and Humboldt Institute).

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