

Case studies of measuring climate change adaptation - presentation of the template

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Background



UNECE

- **Challenge** of measuring climate adaptation – highly **context-specific**, **variable** in time and **interconnected**
- Urgent need for improvement – **what we can do together to support the work in national context?**
- In the questionnaire conducted before the 2020 Expert Forum, **most of 26 countries** who responded **indicated some statistical activities** related to climate change adaptation
- A small group created under the Steering Group: **Italy (lead), Mexico, Netherlands, UNFCCC, UNSD, UNECLAC, Midsummer Analytics and UNECE**

Proposal to adopt a practical, bottom-up approach

Proposal of collection of practical examples



- Sharing what is **relevant in various contexts**
- **Structured but flexible** approach adaptable to various contexts - without the aim to harmonize
- Using **keywords** to tag examples

A template for case studies was developed and is available on the meeting web page

CES Steering Group on Climate Change-Related Statistics -Adaptation Subgroup

Measuring Climate Change Adaptation- Case studies

*This template has been prepared to collect practical examples of measuring climate change adaptation in form of short case studies. The purpose is to collect data-driven approaches applicable in specific circumstances to share experience and enable mutual learning. **We would very much appreciate receiving your case study before 13 August so it could be available before the Expert Forum.***

The focus should depend on what is relevant in your country. The case studies can include indicators and (meta) data, but also the context, qualitative information and analysis. It can relate to one or more hazards, address exposure or vulnerability of population or territory. It can focus on specific geomorphological territories such as coastal or mountain areas or areas with different level of urbanization (urban/rural).

Country	
Title of the work	
Short description	

Structure of the template



Part 1: Description of the statistical activity

- **Output; relevance in the context of climate change adaptation; conclusions and the way forward**
- **Stakeholders and partners**
- **Example of output, e.g., an estimate, a table, a figure, a map or other**

Part 2: More details

- **E.g., on data sources used, coverage, links to methodologies and bibliography**

Part 3: Keywords

Part 4: Contact details

Keywords – purpose and categories



Purpose

- **Identify examples** relevant in certain **context** and **circumstances**
- Introduce structure and helps understand and systematize the activities

Keyword categories

- **Thematic area:** e.g., agriculture, energy, poverty, population, health, ...
- **Characteristics of the geographic area:** e.g., mountain, coastal, urban, rural, ...
- **Type of statistical product or activity:** e.g., indicator, linking data, data analysis, providing data for risk assessments, ...
- **Adaptation approaches:** e.g., “green”, “blue”, “grey”, ...
- **Concepts covered/measured:** exposure, vulnerability, adaptation measures, impacts
- **Hazard type covered e.g.,** multiple, meteorological (e.g., flood, drought, tornado), environmental (e.g., sea-level rise), biological (e.g., waterborne diseases), ...

Referring to existing concepts and classifications where available

Next steps



- The template was sent to a few countries that shared most information in the last year's questionnaire
- **An example prepared by the Netherlands** is on the web and will be presented in the session
- The SGCC-Adaptation group would like to hear from you:
 - **Is a structured collection of examples useful?**
 - **Your comments about the template**
 - **Your climate change adaptation case studies**



Thank you!

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