



# UNECE work on climate change-related statistics

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STATISTICS



# Conference of European Statisticians (CES)

Governing body in statistics



## STATISTICS

- 65 countries:
  - 56 UNECE Member States, including Canada, Russian Federation and United States
  - All other OECD countries: Australia, Chile, Japan, Republic of Korea, Mexico, New Zealand
  - Some additional countries: Brazil, Colombia, South Africa
- Chief Statisticians of international organizations
  - CIS-STAT, Eurostat, OECD, IMF, World Bank, UNSD etc.
- A number of partner organizations
  - Specialized UN agencies, regional commissions and several organizations interested in statistics for SDGs

# UNECE Statistical Division: Statistics on Environment and Climate Change

Filling important gaps for measuring sustainable development



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- **Methodological work by the Division**
  - Climate change-related statistics
  - Extreme events and disasters
  - Waste statistics
- **Coordination of these activities with key-partners**
- **Providing platforms for knowledge exchange and capacity development in the region for a wide range of topics:**
  - Environmental indicators
  - SEEA
  - Climate change-related statistics
  - ...



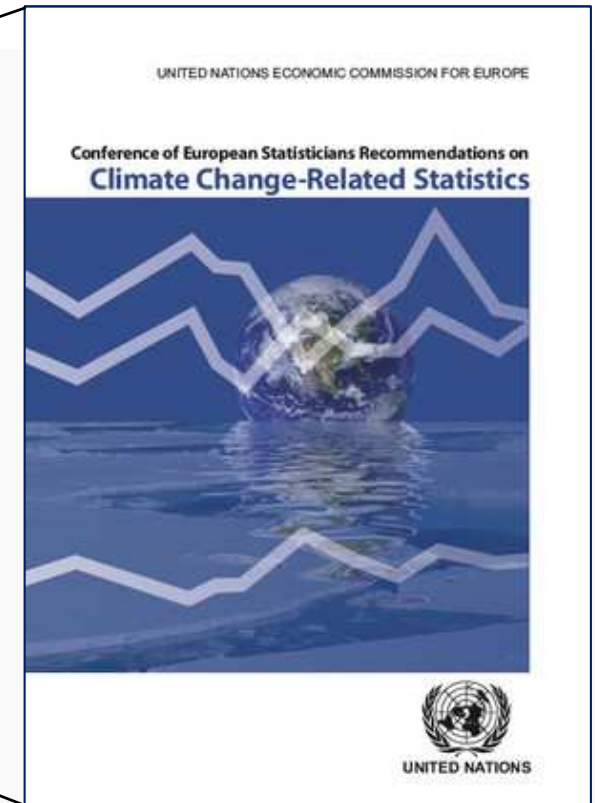
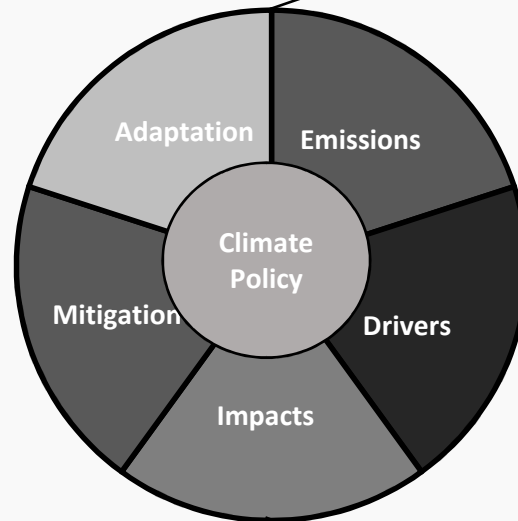
# CES Recommendations on climate change-related statistics

Promote the use of official statistics

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- Approved by CES in 2014
- Define the scope



- Recommend practical steps to:
  - Inform emission inventories
  - Inform analysis of climate change
  - Improve the fitness of official statistics to inform climate policies
- Now focus of work is in implementation

# Steering Group on Climate Change-related Statistics

Drives the implementation of the CES Recommendations



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- Provides a road map to develop official statistics for climate policies
- Steers the two task forces:
  1. CC-related indicators
  2. Measuring extreme events and disasters
- Organises the annual "Expert Forum for Producers and Users of Climate Change-related Statistics"
  - Last Forum (3-5 October 2017, FAO, Rome) discussed:
    - Climate change-relevant data on agriculture, forestry and land use
    - Implementation of the set of climate change indicators
    - Road map and success stories
    - Measurement of extreme events and disasters
  - Next Forum planned 3-5 October 2018 in Geneva

# Set of key climate change-related indicators

39 indicators with definitions and sources



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- A well-aligned set:
  - **75%** linked with the Framework for Development of Environment Statistics
  - Over **50%** are in the System of Environmental Economic Accounting
  - **25%** are SDG indicators
  - **10%** are Sendai indicators
- Covers the scope of climate change-related statistics:
  - **Drivers:** 8 indicators
  - **Emissions:** 7 indicators
  - **Impacts:** 13 indicators
  - **Mitigation:** 6 indicators
  - **Adaptation:** 5 indicators
- Further methodological work to develop practical guidance and support implementation until 2019



# Set of key climate change-related indicators

Current work



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- In 2016 (47<sup>th</sup> session) the UNSC adopted decision 47/112 which considers the UNECE set of indicators as a basis for developing a global set of climate change statistics and indicators.
- Task Force is now refining the set of indicators based on the results of a pilot testing with 17 countries and FAO.
- Initial results (10 countries + FAO) show that:
  - For several of the proposed indicators long time series (e.g. back to 1990) can already be produced
  - With some exceptions not much work is needed for indicators identified for “drivers” and “emissions”
  - Most work on refining indicators and identifying the right methodologies is needed in the areas “impacts”, “adaptation” and “mitigation”

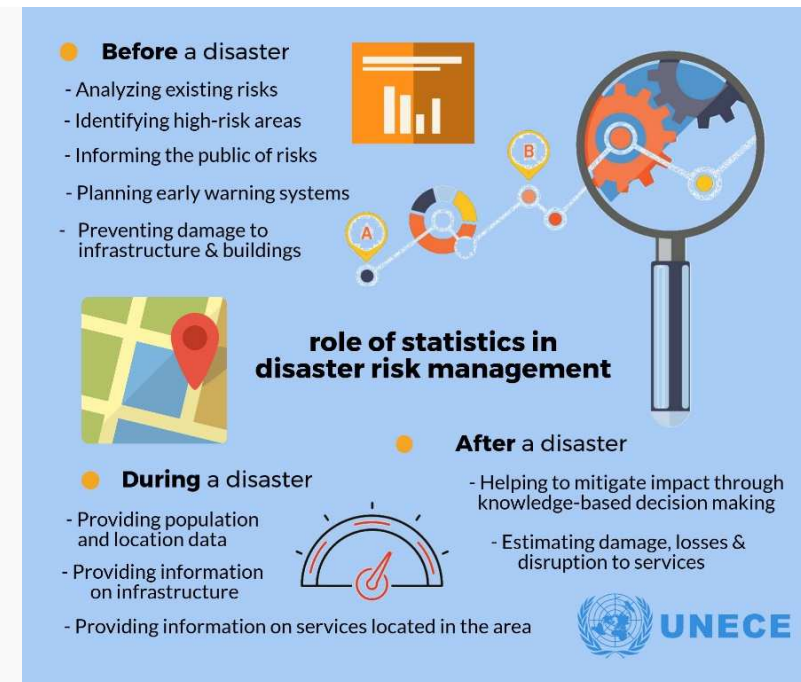
# Measuring Extreme Events and Disasters

[www.unece.org/stats/extreme.html](http://www.unece.org/stats/extreme.html)

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- Objectives:
  - Clarify the role of official statistics
  - Identify practical steps how NSOs can support disaster management and risk reduction
  - Identify main data needs and data sources
  - Identify needs for harmonisation of classifications, terms and definitions
- Cooperates with UN agencies and other international organizations
- Draft recommendations by end-2018







**Thank you!**

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STATISTICS

