Eleventh Meeting of the Expert Group on Environment and Climate Change Statistics (EG-ECCS)
(Virtual)
New York, 14-17 October 2024

National experiences on climate change statistics Panel discussion Brazil

Brazilian Institute of Geography and Statistics
Geosciences Directorate/ Department of Environment
Environmental Accounts and Statistics Sector

Sandra De Carlo



1- Provide highlights on the main initiatives Brazilian National Statistics Institute is taking to build an agenda for environment and climate change statistics in the country

Publication to introduce main concepts — Environment and Climate Change Statistics: recommendations and initiatives (October, 30th 2024)

- Preliminary evaluation of FDES levels 1 and 2 using ESSAT Environment Statistics Self-Assessment Tool and of the Global Set using CISAT - Climate Change Statistics and Indicators Self-Assessment Tool – not all characteristics
- Intra-institutional effort between the Geoscience Directorate and the Statistics Directorate in IBGE

Next steps - Intra and interinstitutional working group with focus on the Global Set and using Cisat

- Inter-institutional dialogue where IBGE will invite other institutions which produce data to reflect and integrate efforts
- In-depth evaluation of data and adaptation into the national context
- Governance and plan of action for different time sets

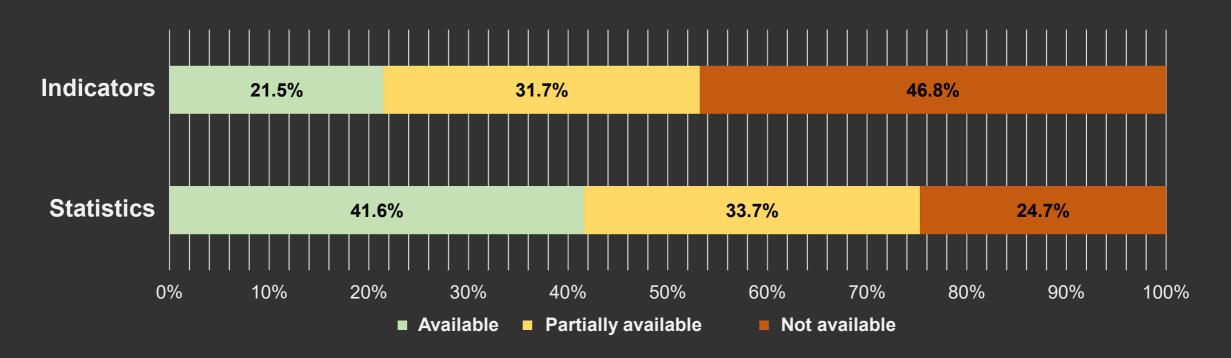


CISAT - Climate Change Statistics and Indicators Self-Assessment Tool – Preliminary study with selected characteristics

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CISAT - Climate Change Statistics and Indicators Self-Assessment Tool

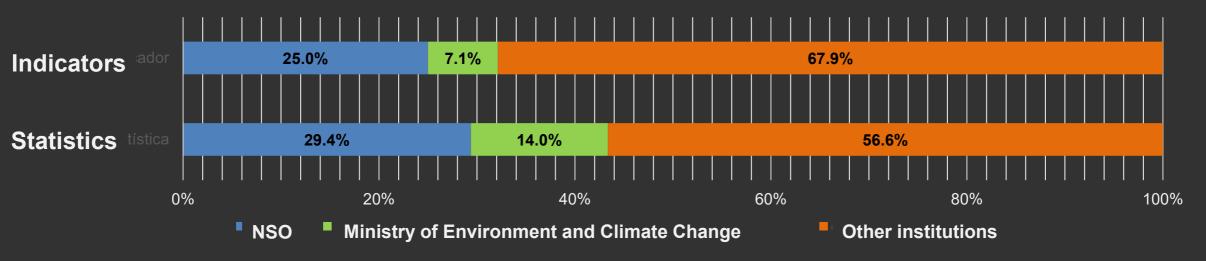
Proportion of indicators and statistics available from the Global Set of Climate Change Statistics and Indicators





CISAT - Climate Change Statistics and Indicators Self-Assessment Tool

Proportion of indicators and statistics available from the Global Set of Climate Change according to the main institution which produce the data

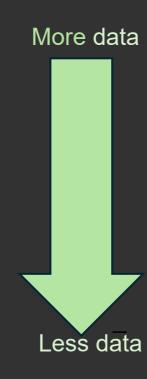


Others: mainly MIDR, MAPA, MME, MCTI, MS



Main shortcomings and difficulties

Drivers
Impacts
Vulnerability
Mitigation
Adaptation



Vulnerability and Adaptation -> + Level 3

- * Methodological omissions and their metadata
- **A Inconsistent historical series**
- * Majority from administrative records



2- What is the institutional arrangement for climate change policy in the country and how NSO is planning to adapt useful information, using the global set as a reference?

- Interministerial Committee on Climate Change CIM is made up of 19 ministries, as well as the Federal Attorney General's Office, the General Secretariat of the Presidency of the Republic and the Civil House of the Presidency, which chairs the group + FBMC + Rede Clima → Political level
- The Executive Subcommittee within the CIM is made up of representatives from 11 ministries on a permanent basis, coordinated by the Ministry of the Environment and Climate Change + participation from society + COP 30 + Scientific Advisory and Rede Clima → Strategic level
- Temporary working groups: Climate Change National Plan (PNMC) + Mitigation + Adaptation + Carbon Market → Technical level



3- Have the Global set, CISAT and Guidelines helped in the preparation of national reports to UNFCCC and how?

- We have not used the Global Set for UNFCCC national reports
- The Global Set is our starting point to reach out to other institutions which produce data on Climate Change
- Cisat and Guidelines are being very useful as a reference to help us reach out intra and interinstitutional dialogue
- Plan to translate Cisat and Guidelines to Portuguese



Platforms on Climate Change Adaptation and possible cross-checks with the Global Set

- Ministry of Science, Technology and Innovation AdaptaBrasil MCTI
 indices and indicators risk related to the impacts of climate change in
 each municipality 8 different areas: Water Resources, Food Security,
 Energy Security, Health, Port Infrastructure, Geo-hydrological Disasters,
 Railway Infrastructure and Road Infrastructure.
 https://adaptabrasil.mcti.gov.br/
- Ministry of the Environment and Climate Change AdaptaClima MMA
 → information on the 14 sectors that make up the national adaptation plan. http://adaptaclima.mma.gov.br/



Thank you! / Obrigada!

Geosciences Directorate

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