



Kickoff webinar
Introduction to climate change and disaster
statistics

9-11 March 2021

A teal-colored map of Latin America and the Caribbean is overlaid with several circular icons representing environmental and climate themes: a water drop, a palm tree, a fish, a person with a cloud, a recycling symbol, a female symbol with an equals sign, a hand holding a pencil, a turtle, a wind turbine, and a wave. The main title is centered over a semi-transparent blue band across the map.

About us: ECLAC Environment and Climate Change Statistics Programme

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ECLAC Statistics Division



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Objectives and outputs

20 years of regional capacity building support for environment, climate change and disaster statistics and indicators

Promote the development and **integration of EnvStats** within the National Statistical Systems of the countries

Support **national coordination** mechanisms between institutions,

such as NSOs, Ministries of Env, sectoral authorities (ministries of agriculture, energy, water and disasters, among others) and Central Banks.

Continue developing opportunities to **exchange experiences**, national and regional tools

- Technical assistance
- Capacity building workshops
- Webinars and seminars
- Regional Network for EnvStats



Objectives and outputs

20 years of regional capacity building support for environment, climate change and disaster statistics and indicators

Promote and facilitate the
**use of international
statistical frameworks and
recommendations** to
strengthen basic statistics
and compile indicators

Systematize, describe and
disseminate **representative
and comparable**
Environment Statistics on a
regional scale.

- Manuals and tools
- Good practices
- Biblioguide

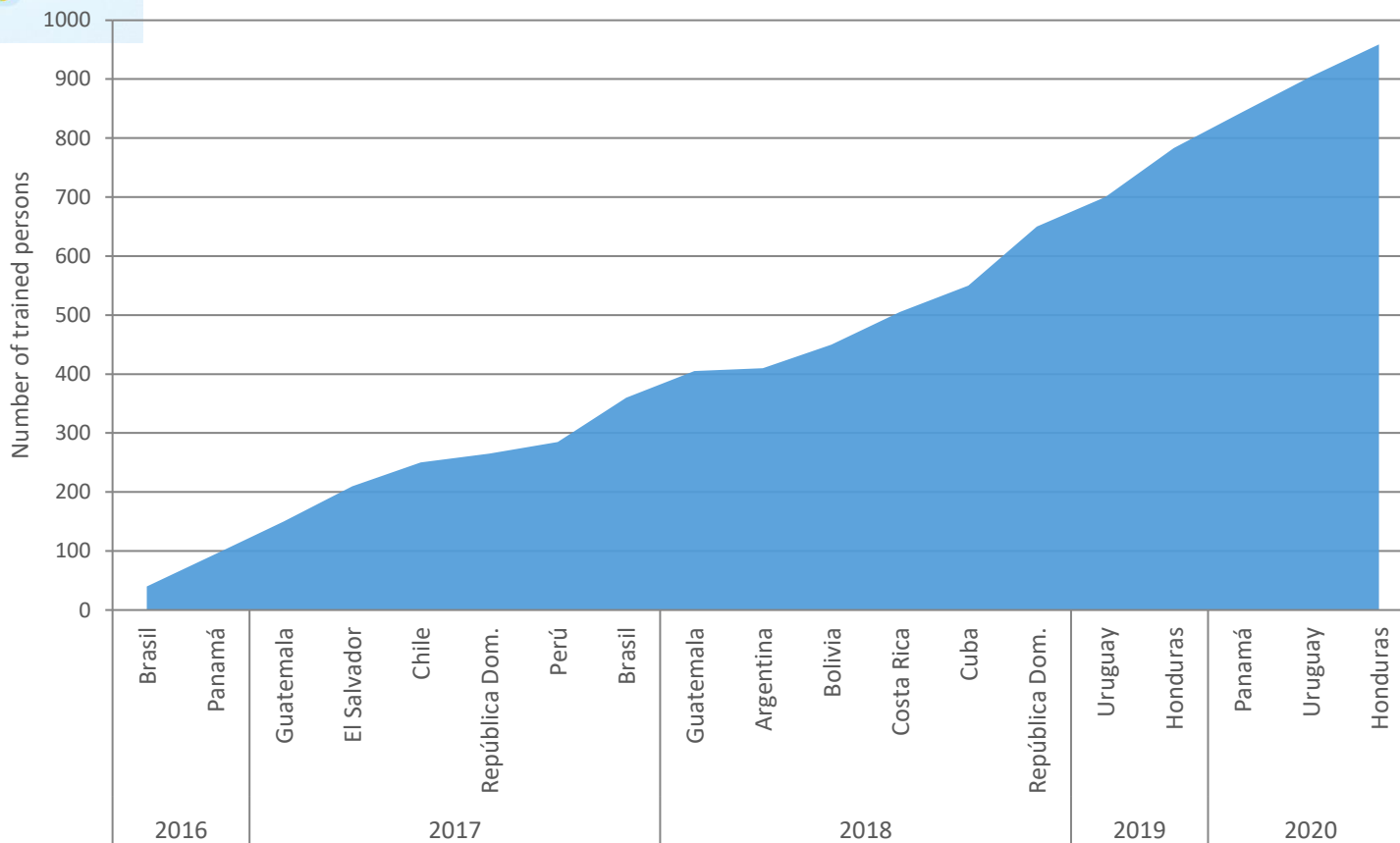
- CEPALSTAT
<https://estadisticas.cepal.org/cepalstat/Portada.html>
- ECLAC Statistical Yearbook
- Publications

Capacity building activities, 2016-2020



Accumulative number of persons trained (in-person, without webinars and online courses)

959

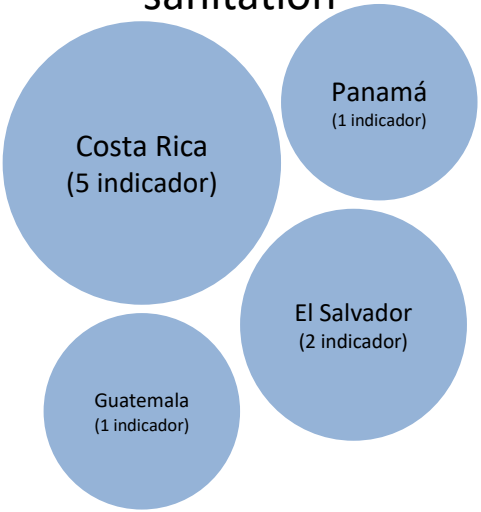


Results: SDG indicators build by countries with ECLAC support

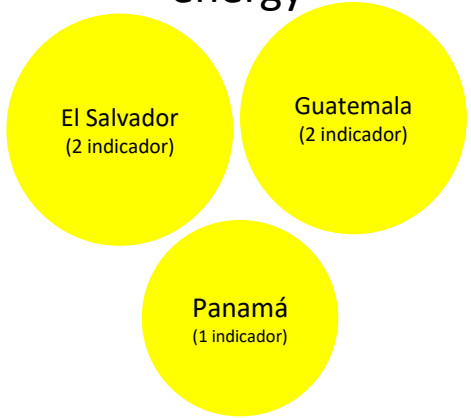
SDG 3 Health



SDG 6 Water and sanitation



SDG 7 Accesible and clean energy



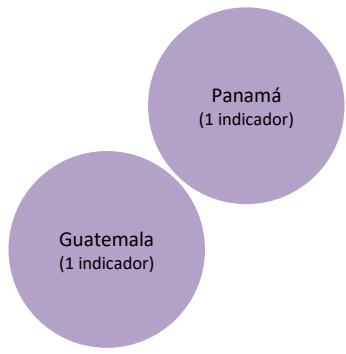
SDG 9 Industry, innovation and infrastructure



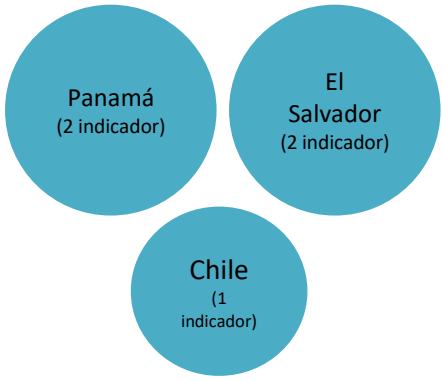
SDG 14 Marine biodiversity



SDG 13 Climate change action



SDG 11 Sustainable cities



SDG 15 Forests and inland biodiversity



Regional coordination mechanisms regarding environment, climate change and disaster statistics



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Working Group on Disaster related statistics

Coordinators: Paraguay and Peru

Assessment of national situation (institutional and data availability)

Role of NSOs in disaster statistics production

Examples of disaster classifications

Working Group on Environment Statistics

Coordinators: Mexico

Assessment of use of administrative records and geospatial information for environment statistics at National level



New project: Caribbean SIDS relevant climate change and disasters indicators for evidence-based policies



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Project Objective:

To **enhance the climate change and disaster risk reduction statistical and institutional capacities** of target countries in the Caribbean to improve policy coherence in the implementation of the SDGs, the SAMOA Pathway, the Paris Agreement, and the Sendai Framework.

Project Expected results:

- ✓ Strengthened national statistical and institutional capacities of Caribbean SIDS to sustainably produce and disseminate relevant internationally agreed climate change and disaster risk reduction indicators
- ✓ Strengthened regional capacities of Caribbean SIDS stakeholders to use the indicators for sustainable evidence-based development policies

Timespan: 2021-2023

Funding: United Nations Development Account, 12th Tranche

Strategy of the project:

Two-pronged approach: both **sub-regional** activities and **national** direct technical assistance to selected pilot countries

Implementation Methods (1)

Given the current measure to prevent the spread of the COVID19, the project foresees an implementation method composed of online activities with the possibility to evolve into on-site ones once the circumstances allow.

Training methodology: approaches proven to be effective in 20 LA countries over the last 20 years

- **Tailor-made technical assistance and remote mentoring:** provide technical support on the elaboration of initial assessments and follow up on the production, dissemination and use of climate change and disaster indicators.
- **Use of proven regional collaboration tools to ensure sustainability of training process :** Environment Statistics Biblioguide <https://biblioguias.cepal.org/estadisticasambientales>, Regional Network on ES: <https://comunidades.cepal.org/estadisticas-ambientales/es>
- **Workshops:** training at the national and regional level for country officials and other stakeholders to develop their capacities in the production and use of climate change and disaster indicators for evidence-based policies while promoting knowledge sharing on successful strategies implemented in the sub-region.



X Webinar regional: Experiencias en la construcción de indicadores ambientales para el ODS 6



Place: Webex Meeting
Start date: 22/04/2020
End date: 22/04/2020

- **Webinars:** presentation of specific topics related to climate change and disaster statistics (including COVID-19). This will allow sharing of national experiences on specific topics while contributing to building a sub-regional community of experts.

- **Online training course:** development of one online module focusing on regionally adapted methodologies to produce, disseminate and use climate change and disasters statistics and indicators, with emphasis on COVID-19 data and statistics, including international guidelines, best practices and case-studies.
- **Follow up with on-site experts and local expertise:** in selected cases, local experts will support follow up activities and provide technical advice to national officials.

Stakeholders and Scope



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National counterparts: National Statistical Offices, Disaster Risk Reduction Authorities, Emergency Authorities and Environment/Climate Change Authorities.

National key stakeholders: sectoral Ministries, universities, research centres, civil society organisations and private sectors actors related to the production and use of climate change and disaster indicators and their underlying statistics.

Established and potential partnerships: UNFCCC, UNDRR, UNEP, UN-GGIM Americas, CDEMA, CCCCC, CREE, OLADE, etc.

Scope: Beyond targeted countries, the project will deliver sub-regional capacity-building to Caribbean member States on climate change and disaster indicators.



Project implementation partners

Implementing agency	Collaborators
ECLAC (Environment and Climate Change Statistics Area, Statistics Division and Subregional Headquarters for the Caribbean)	United Nations Statistics Division (UNSD) CARICOM Secretariat (Regional Programme on Statistics)

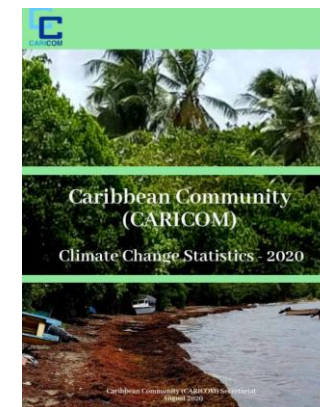
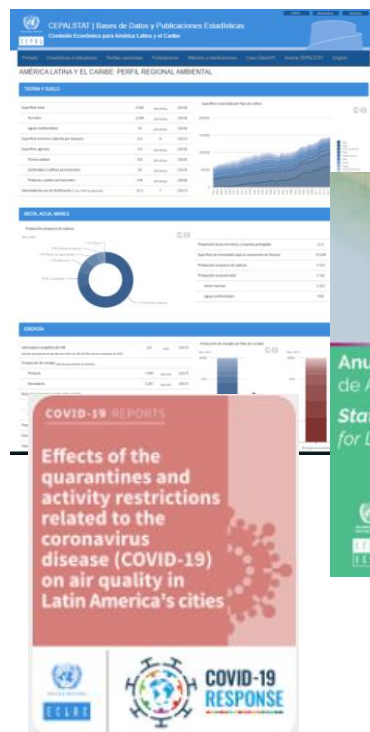
➤ **ECLACSTAT DATABASE** https://cepalstat-prod.cepal.org/cepalstat/WEB_CEPALSTAT/estadisticasIndicadores.asp?idioma=e

LAC Environment Metrics: 70 Indicators, 210 environmental series in excel, 600 K data points over 30 years long. 30K monthly views.

➤ **LSTAT: Statistical Yearbook (Environment Statistics Chapter:**
<https://www.cepal.org/es/publicaciones/ae>

➤ **Covid-19 impact in air pollution in cities (LA):**

<https://www.cepal.org/en/publications/45885-effects-quarantines-and-activity-restrictions-related-coronavirus-disease-covid>



Objectives of the webinar: first activity of the project!



- To further the understanding of the opportunities and challenges related to climate change and disasters indicators production in the Caribbean
- To showcase the latest available evidence on measuring climate change (drivers, occurrence, impacts, vulnerability, mitigation and adaptation) and disasters in the Caribbean
- To explore the links between statistical production and policymaking related to climate change adaptation and resilience
- To take stock of current initiatives to improve climate change and disaster statistics and indicators production in the Caribbean



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Now we'll briefly look at today's agenda!

Environment, Climate Change Statistics Area

ECLAC Statistics Division

<https://www.cepal.org/en/topics/environmental-statistics>



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