

Final regional workshop of the project
2023Q “Caribbean SIDS relevant climate change and disasters indicators for evidence-
based policies”

May 10-12, 2023

DA 12 Project: Main results

Georgina Alcantar, Chief of Environment and Climate Change Statistics Unit

Statistics Division



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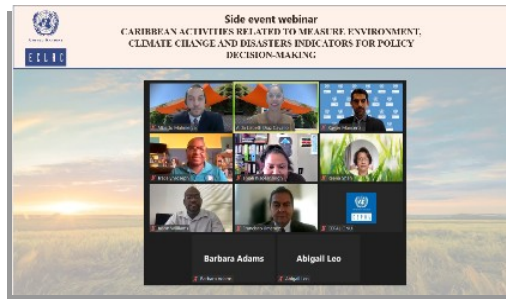
The road of the Project



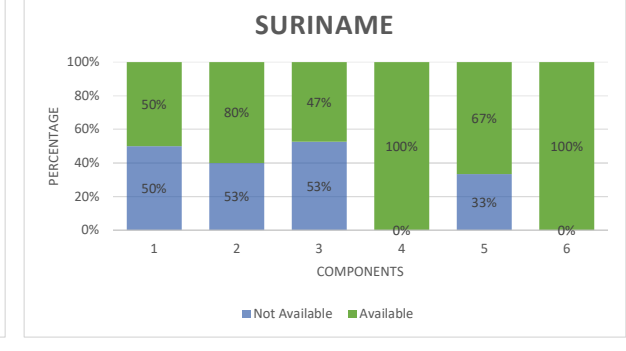
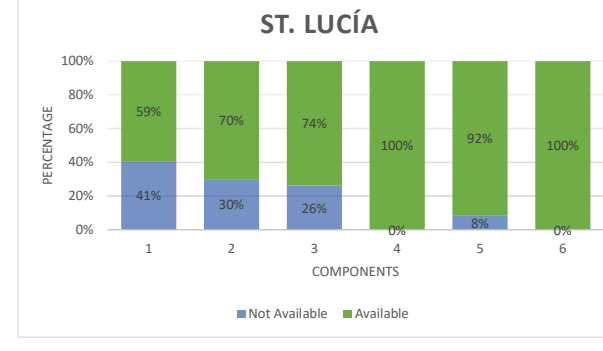
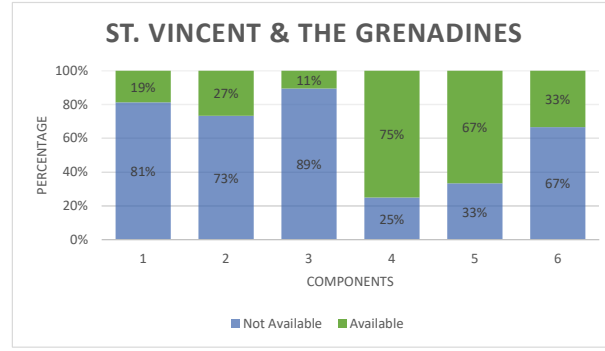
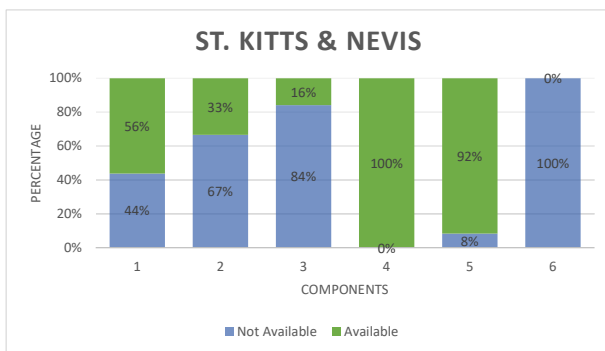
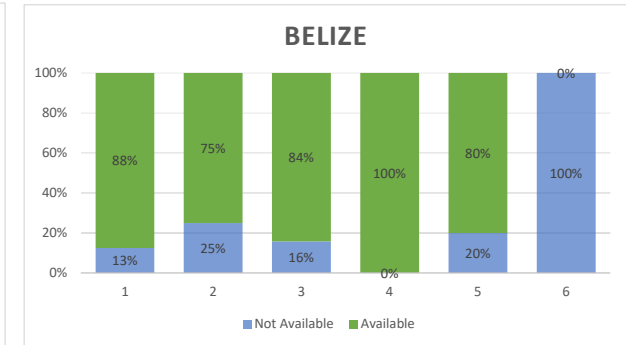
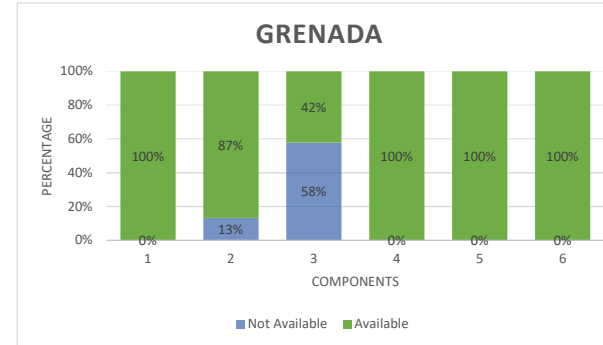
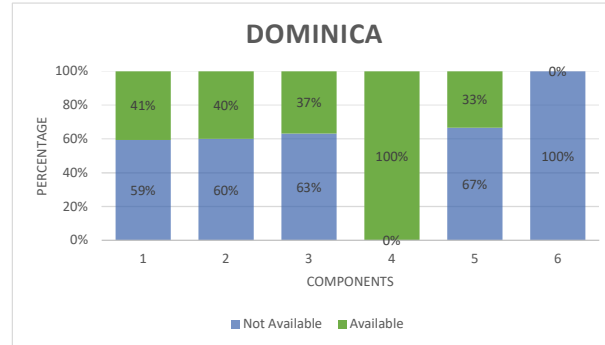
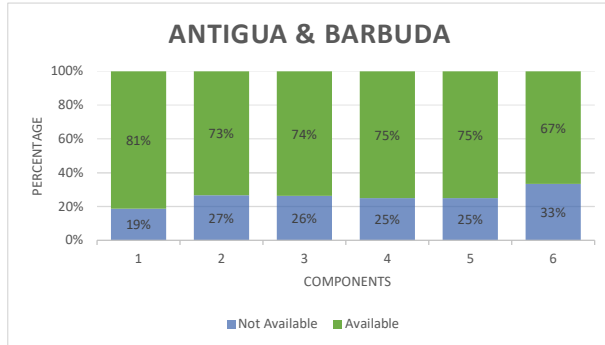
ECLAC Project DA12: National workshops



ECLAC Project DA12: Events



Landscape on environmental statistics

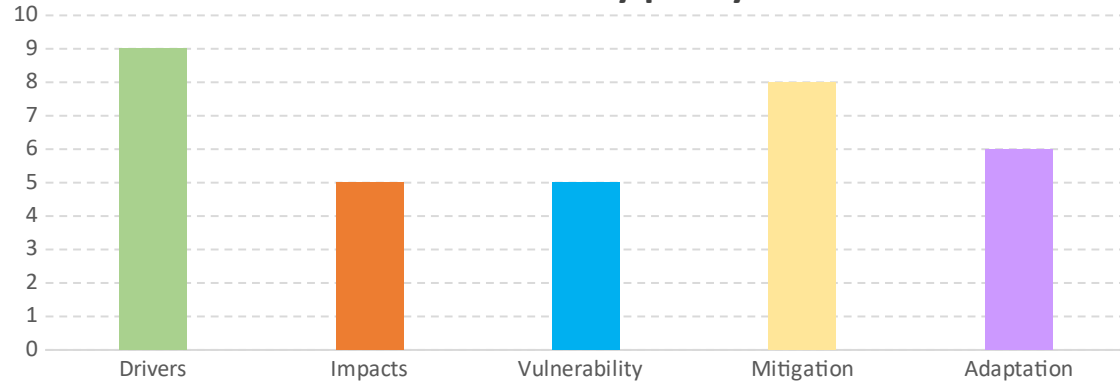


FDES component abbreviations: 6 Environmental protection, management, and engagement; 5 Human Settlements and Environmental Health; 4 Extreme events and disasters; 3 Residuals; 2 Environmental resources and their use; 1 Environmental conditions and quality

Source: Elaborate by ECLAC, based on project information. This data does not consider the total amount of statistics per component, only the 100 statistics included in the Tier 1.

Climate Change and Disaster Statistics

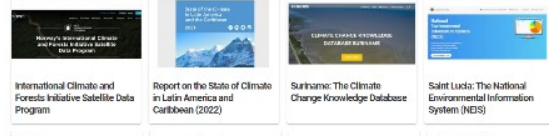
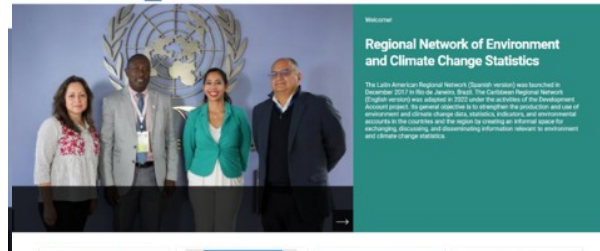
Number of indicators by policy areas



Climate change and Disaster Indicators built in the Caribbean Region	
Countries	Built indicators during national workshops
Antigua and Barbuda	Drivers – Ind. 24. Livestock unit per agricultural area Vulnerability – Ind. 94. Net energy import as a proportion of total energy supply Mitigation – Ind. 110. Renewable energy share in the total final energy consumption Adaptation – Ind. 144. Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type
Dominica	Drivers – Ind. 12. Share of fossil fuels in total energy supply Adaptation – Ind. 156. Municipal waste collected per capita Vulnerability – Ind. 100. Proportion of population living in coastal areas Mitigation – Ind.125. Increase in forest area
Saint Lucia	Drivers – Ind. 1. Total green house gas emissions per year Impact – Ind. 53. Temperature records Adaptation – Ind. 156. Municipal waste collected per capita
Saint Kitts and Nevis	Drivers – Ind. 12. Share of fossil fuels in total energy supply Drivers – Ind. 3. Green house gas emissions from land use, land use change and forestry Mitigation – Ind.125. Increase in forest area Adaptation – Ind. 156. Municipal waste collected per capita
Saint Vincent and the Grenadines	Drivers – Ind. 12. Share of fossil fuels in total energy supply Adaptation – Ind. 156. Municipal waste collected per capita Vulnerability – Ind. 100. Proportion of population living in coastal areas Mitigation – Ind.125. Increase in forest area
Suriname	Drivers – Ind. 1. Total green house gas emissions per year Impact – Ind. 42. Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population Vulnerability – Ind.98. Proportion of population using safety managed drinking water services Mitigation – Ind.125. Increase in forest area Adaptation – Ind.156. Municipal waste collected per capita
Grenada	Drivers – Ind.19. Number of fossil fuels driven vehicles per capita Impact – Ind. Total rainfall anomaly Vulnerability – Ind.90. Ecosystem carbon stocks Mitigation – Ind.125. Increase in forest area Adaptation – Ind. 156. Municipal waste collected per capita
Belize	Drivers – Ind.10. Total energy production from fossil fuels Drivers – Ind.18. Urban population as a proportion of total population Impact – Ind.31. Forest area as a proportion of total land area Impact – Ind.53. Temperature records Mitigation – Ind. 109. Production of renewable energy as a proportion of total energy production

ECLAC Project DA12: Outcomes

Regional Network of Environment and Climate Change Statistics



Active discussion groups



National and Regional Events
This section shows relevant information and details of endorsed and regional activities, webinars, and webinars to undertake by the ECLAC team in collaboration with their national...



National Environmental Information Systems in the Caribbean
National Environmental Information Systems (NEIS) are a powerful mechanism to integrate and make available data to a broad variety of users for evidence-based decision making...



Environment and Climate Change Statistical Compendia produced by Caribbean Countries
Environment and climate change are highly relevant topics for Caribbean countries as they are more vulnerable to suffer the effects of climate change. Statistical Yearbooks...

[View all groups](#)

Online Course: "Introduction to Environment Statistics Caribbean Region"

ECLAC Project outcomes

E-learning course on Disaster-Related Statistics Framework (DRSF)

- * Introduction
- * Measuring disaster risk
- * Measuring disaster occurrence and impact
- * Measuring economic loss
- * Disaster risk reduction expenditure statistics
- * The DRSFs application to the COVID-19 pandemic

Online Course: “Spatial dimension of environmental Statistics and indicators”

Module	
1	Introduction to GIS
2	Geo-referencing and Geocoding
3	Introduction to Earth observation imagery analysis
4	Grids
5	Fundamental geoprocesses in Geographic Information Systems for the environment
6	CEPALSTAT Latin America and the Caribbean Database

ECLAC Project outcomes

Platform for Resilience

Platform for Resilience: Tools

Some tools for Statistical and geographic layers:

- Layer Information
- Geodata Download
- Compare
- Download map
- Upload data

Drawing tools may be used to:

1. Define an interest area by the user.
2. Later, the user can request demographic and urban data for that specific defined area.

Platform for Resilience: Demographic and infrastructure analysis

1 Draw

2 Calculate

Population within the interest area:
235,204

Number of schools within the interest area:
11

Data sources:

- Land cover: GlobeLand30
- Population: Gridded Population of the World (GPW), v4
- Schools: Open Street Map export

National Advances on Climate Change and Disaster Statistics

Activities and products	Saint Lucia	Antigua And Barbuda	Suriname
1. Environment Statistics Self-Assessment Tool (ESSAT) – Part I and II	✓	✓	✓
2. Report analysis ESSAT	✓	✓	✓
3. Live workshop and new indicators build	✓	✓	✓
4. Report analysis Workshop	✓	✓	✓
5. Follow-up activities	✓	✓	✓
	100%	100%	100%

Activities and products	Dominica	St. Vincent & Grenadines	Belize	Saint Kitts and Nevis	Grenada
1. Environment Statistics Self-Assessment Tool (ESSAT) – Part I and II	✓	✓	✓	✓	✓
2. Report analysis ESSAT	✓	✓	✓	✓	✓
3. Live workshop and new indicators build	✓	✓	✓	✓	✓
4. Report analysis Workshop	✓	✓	✓	✓	✓
5. Follow-up activities	✓	✓	✓	✓	✓
	100%	100%	100%	100%	100%

INTER-OFFICE MEMORANDUM

FROM: PERMANENT SECRETARY, *w.r.f.* ECONOMIC DEVELOPMENT, PLANNING, TOURISM & CREATIVE ECONOMY

TO: DIRECTOR OF STATISTICS

DATE: 1ST DECEMBER 2022


SUBJECT: ENVIRONMENT STATISTICS ADVISORY COMMITTEE (ESAC)

Please be advised that Cabinet at its meeting of 7th November 2022, vide CC # 837, approved the establishment of the Environment Statistics Advisory Committee (ESAC) with its terms and conditions as outlined in Annex A with the following membership of seven representatives:

- Civil Society
- SGU
- Environment (2 persons)
- Statistics
- Economic Development & Planning (2 persons)

Cabinet directed that correspondence should be issued to the committee confirming their desire to serve.

Please be guided, accordingly.


Kim Frederick (Ms.)
PERMANENT SECRETARY

Attch.

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Thank you

**Georgina Alcantar, Chief of Environment and Climate
Change Statistics Unit**

Statistics Division



UNITED NATIONS

ECLAC



years

Working for
a productive, inclusive
and sustainable future