



DA12 project Kick-off webinar
9 - 11 March 2021

*Caribbean SIDS relevant climate
change and disasters indicators
for evidence-based policies*

Statistical opportunities and challenges to producing climate change and disaster statistics and indicators

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Main Challenges to develop Env, CC and Disaster Statistics and Indicators



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1. **ES, CC and Disasters:** (multi) cross cutting domain, **require effective collaboration of NSOs, Ministries of Environment and Sectorial Ministries + Academia** – differentiated and complementary roles
2. **Institutional dimension** (institutionalization and cooperation) in ES, CC and Disaster work is **as important as specialized technical and statistical capacities**
3. **Institutionalization** and regular **budget** allocation needed in both NSOs and line ministries and authorities in the context of National Statistical Systems
4. **Insufficient investment in capacity development and specific methodologies** to produce multipurpose environment, climate change and disaster statistical series and indicators
5. **Inter-agency technical capacities and common language** is needed (hence this project) for all teams in all relevant institutions
6. **Gap between Supply and Demand:** Greater availability of statistical series in the countries does not correspond to the most important topics for demand (public policies), progressive modular development to be based on national priorities and international commitments (i.e. the 2030 Agenda)



Regional challenges to **produce** environment, climate change and disasters statistics and indicators:



Statistical challenges:

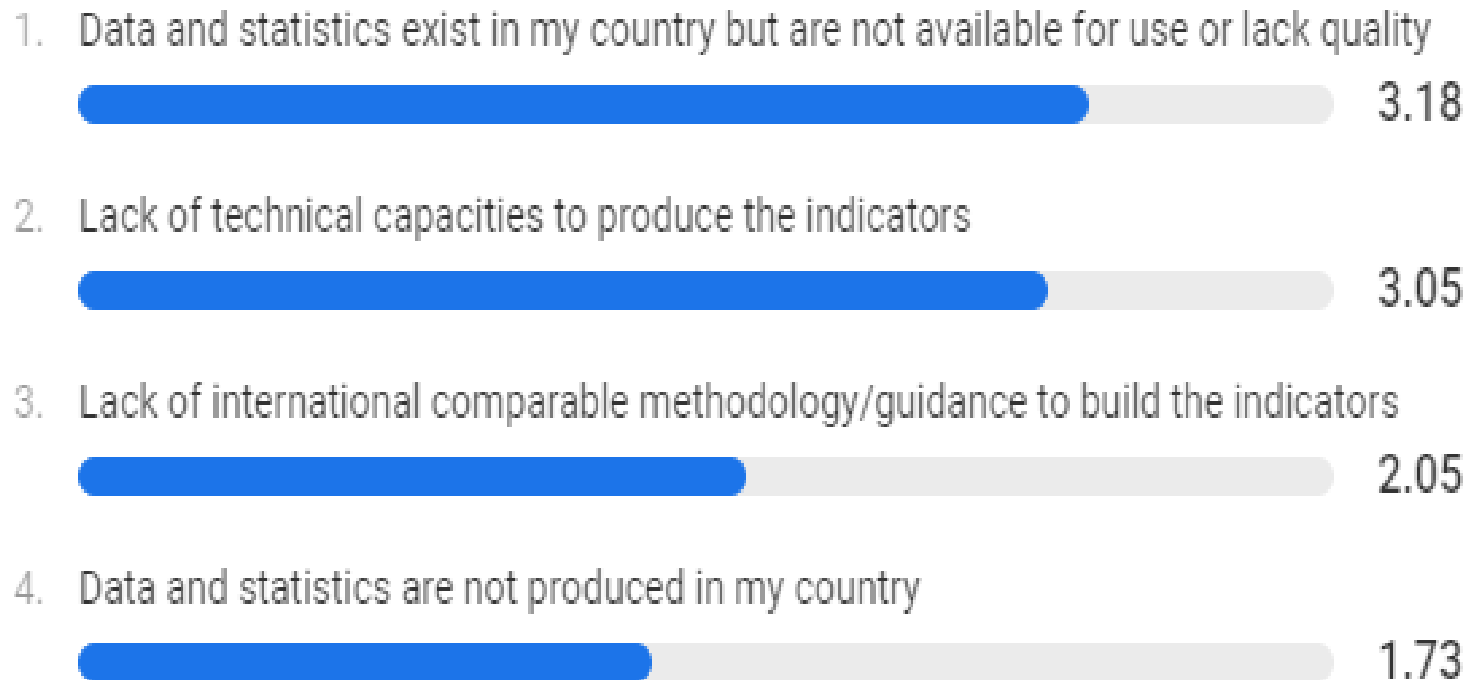
- Insufficient and/or irregular collection of environmental, climate change and disasters **data** within National Statistical Systems.
- **Newer sources** of statistical information underutilized (i.e. remote sensing, geospatial, monitoring stations and administrative records)
- **Methodologies** to measure some aspects of climate change and adaptation, and disaster risk, impact and resilience are under development



Institutional challenges:

- **Institutionalization** and regular **budget** allocation needed in both NSOs and line ministries and authorities in the context of National Statistical Systems
- **Inter-agency technical capacities and common language** is needed (hence this project) for all teams in all relevant institutions
- Insufficient **institutionalized regular statistical cooperation** among NSO - Ministry of Environment – Disaster/Emergency, line Ministries and academia

Ranking national challenges to produce climate change and disasters indicators (Slido Answers)



Answers = 22

- ✓ This new DA12th ECLAC project: Caribbean SIDS relevant climate change and disasters indicators for evidence-based policies: regional impulse benefit all
- ✓ Ongoing work on environment, climate change and disasters statistics, particularly CARICOM (within the CARICOM's Regional Strategy for the Development of Statistics (2019-2030) + UNEP's ILAC initiative
- ✓ In many countries there are already some data series that could be mined from existing sources
- ✓ 2020 round of population censuses in the Caribbean: provide important social and climate change information (i.e. population distribution, waste, water, energy)

Caribbean SIDS' opportunities for climate change and disasters statistics production



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- ✓ Potential of joint access to common geospatial information, lowering cost production
- ✓ Build on knowledge of champion LA and Caribbean countries: more developed environment, climate change and disasters statistics can contribute to countries' SDG reporting through the VNR and enhance DALA conducted by ECLAC (database of economic cost of disasters will be published soon)
- ✓ Join and be supported by environment stats regional networks and 2 working groups in the Statistical Conference of the Americas
- ✓ Working together as a region: proven better and more sustainable results



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Thank you for your attention!



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<https://www.cepal.org/en/headquarters-and-offices/eclac-caribbean>

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