



# Disaster and Climate Change Statistics

## Anguilla Experience

**Session 2:** Situation of climate change and disaster statistics and indicators production in Caribbean SIDS

*Promoting Quality Official Statistics Through Coordination*

**Virtual**

**Tuesday  
9<sup>th</sup>**

**March,  
2021**

# Presentation Outline

**01** Overview of Anguilla

**02** ASD Mandate

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# Overview of Anguilla

Anguilla is a British overseas territory in the Caribbean. It is one of the most northerly of the Leeward Islands in the Lesser Antilles, lying east of Puerto Rico and the Virgin Islands and directly north of Saint Martin.



# Overview of Anguilla

<b>Location</b>	The island of Anguilla is about 16 miles long and 3.5 miles at its widest. The island is located at 18° 15' N, 63° 10' W.
<b>Area</b>	35 square miles (91km <sup>2</sup> ) or approximately 22,400 sq acres
<b>Number of smaller islands and cays (8)</b>	The main island of Anguilla also has several off-shore cays and uninhabited islets, the largest of which are Prickly Pear East, Prickly Pear West, Dog Island, Scrub Island, Little Scrub Island, Sandy Island, Seal Island, Anguilla and Sombrero Island
<b>Population</b>	Anguilla had an estimated population of 15,500 persons (2020)
<b>Capital</b>	The Valley
<b>Official Language</b>	English



# The ASD Mandate

The Anguilla Statistics Department is tasked with the mandate, as set out in R.S.A 2001 Statistics Act, Section 2:

**A**

- to collect, compile, analyse, abstract and publish statistical information relative to the commercial, industrial, social, economic and general activities and conditions of the people who are the inhabitants of Anguilla;

**B**

- to collaborate with all other departments of Government and with local authorities in the collection, computation and publication of statistical records of administration;

**C**

- to take any census in Anguilla; and

**D**

- generally to organize a coordinated scheme of social and economic statistics and intelligence pertaining to Anguilla.



## Our Mission

- To produce relevant and quality statistics for use by both the private and public sectors of Anguilla and other interested parties in their decision-making.

## Our Vision

- To provide statistical services that maximize the appropriate use of statistics about Anguilla at home and overseas.
- By being the authoritative source in Anguilla on all statistics and statistical methods, and producing the best quality official statistics for improved decision-making in all sectors of the economy, through sustained partnerships with business, government and society at large, while at the same time preserving and enhancing our integrity and professionalism.



# Impetus for Coordination of Disaster Statistics

XCD \$880.4  
million

185 mph  
(295km/h)

## Irma

Productive  
sectors: 54.8%

Damages: XCD  
\$507 million

Infrastructure:  
17%

Social sectors:  
28.2%

Tourism  
\$275 million (est.)



# Climate Change and Disaster Statistics

## FRAMEWORKS

- System of National Accounts
- Framework for the Development of Environment Statistics (FDES)
- Disaster-related Statistics Framework (DRSF)

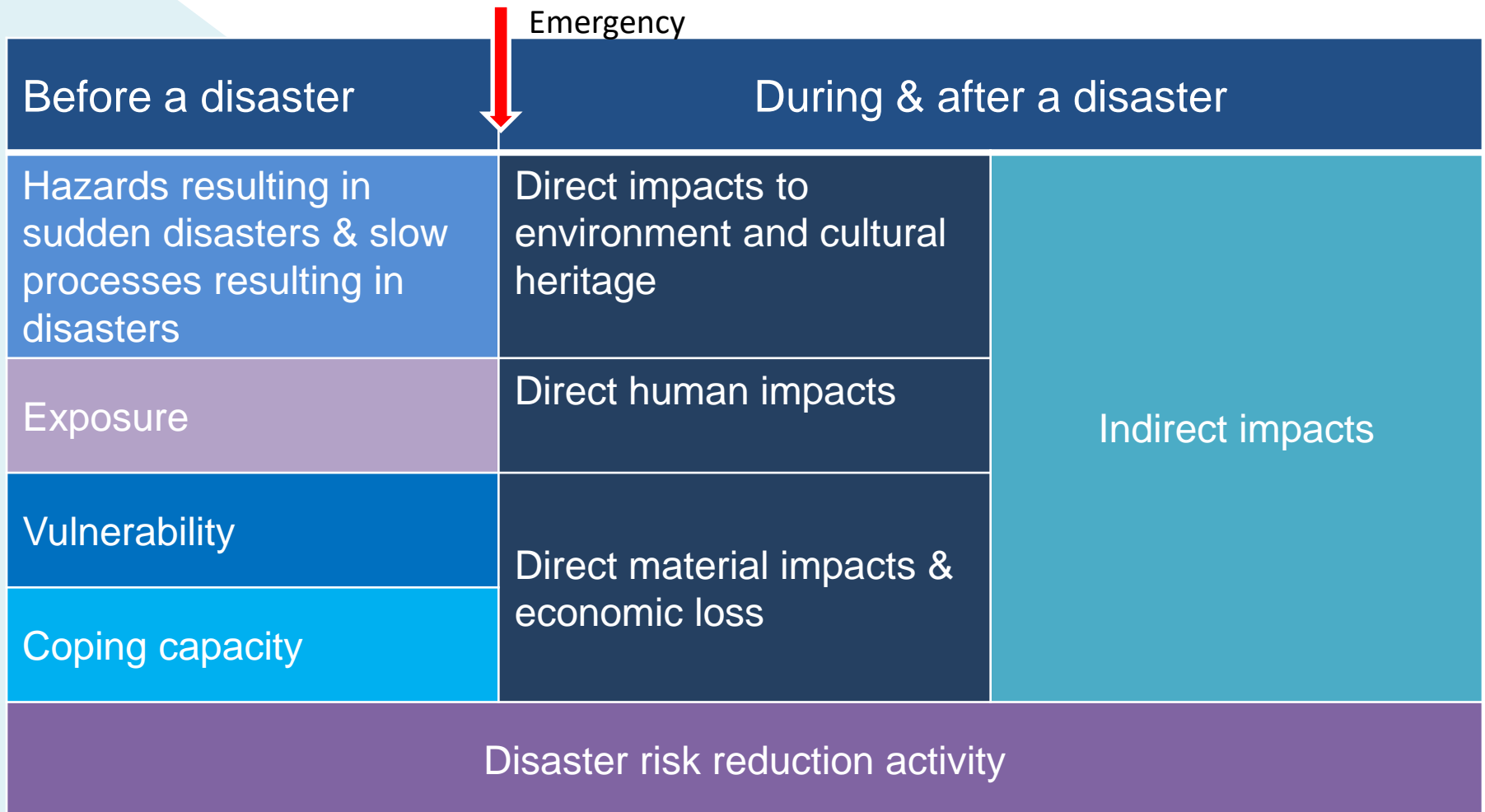
## MULTI-DOMAIN STATISTICS

- Population
- Climate
- Agriculture & Livestock
- Households
- Waste Disposal
- Industries and Services
- Infrastructure
- Health





# Disaster Statistics Framework



Source: ESCAP Expert Group, 2018



# Multi-organization approach

Disaster Risk Reduction can be seen from a sectoral perspective

Preparedness, prevention and mitigation is 'managed' by a cross-section of agencies

Response and Recovery is the remit of a number of agencies/department

Disaster Risk Reduction can be seen from a sectoral perspective

Competencies in certain areas do not exist within the ASD,

Pre-event data must exist in a number of agencies for comparative assessment after the impact of a disaster

Disaster Management is the responsibility of a nation



# Composition of Team



Consultants

Private Sector Organisations

NSS Coordinated by ASD

Government Departments

Associations



# Successes & challenges

## **Best Practice:**

- ASD's integrated approach to statistics
- Development of a working group

## **Challenges**

- Time constraints
- Human constraints
- Separate agendas/competing interest
- Maintaining updated datasets



# The way forward

Continued collaboration with members of the Disaster Working Group to complete the components of the project and embed disaster statistics into the ASD's work programme.

Strengthening ties and mutual relations at national, regional and international levels.

Harmonising and coordinating the collection and production of disaster data and data series while maintaining the data and metadata collection.

Supporting efforts to ensure compliance (improving the execution of the laws).

Continued promotion of the use of data and scientific methods in policy and programme design as well as decision making.

Continued planning and promotion of annual awareness programmes to broaden the understanding and usefulness of statistics in the community.





# Thank you

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