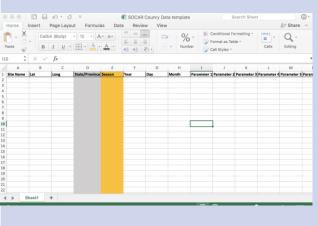


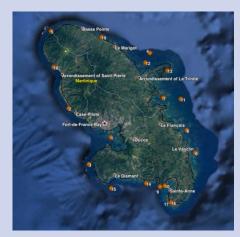
Raw country data file

Sampling Sites
Mapped; Data sorted
by season

Data Processing

Data Summaries, Checks & Visuals





<u>Time coverage: 2010-2015</u> **Continental countries & big islands**:

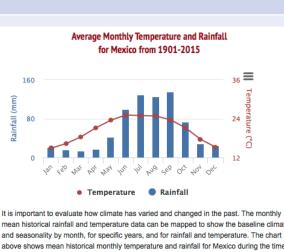
Season > State > Sampling sites > Raw data

Country State Site
Ave* Ave Ave

*Ave weighted by state/province coastline length derived using GIS (Cathalac)

- 1. Summarized data
- Evaluated data
 using standards &
 cut-off values at
 sampling site/ state
 scale

- Removing text strings, noting units, measurement limits, geo-references, etc
- Data rearranged to sorting format
- Data tagged by SEASON
- Data tagged by PROVINCE/STATE for continental countries and islands > 700 km²



period 1901-2015. The dataset was produced by the Climatic Research Unit (CRU) of

Small islands:

Season > Sampling sites > Raw data

Country Site Ave Ave 3. Data visualization

University of East Anglia (UEA).

Source: World Bank; Caribbean

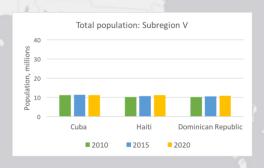
Regional Climate Centre

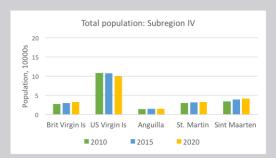
Socio-economic parameters and data

SULLING	SOI	ırc	'Pς
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Parameters	Global Sources	Remarks
Upstream coastal population (100 km from coast in continental states and the large islands, and the total population of SIDS)	Socioeconomic Data and Applications Center, Center for Int'l Earth Science Information Network , Columbia Univ.	Country scale tabular data for 2000, 2010, 2015
% with and without connection to sewer systems	UNICEF	Country data for 1990 and 2015
Incidence of water related illnesses per year	Global Health Data Exchange	User specifies filters for data at country scale by gender/age
Incidence of fish kills and red tides per year	IOC-UNESCO Harmful Algal Information System (Int'l Oceanographic Data and Information Exchange); NOAA (e.g. HABSOS Gulf of Mexico)	
% GDP tourism	World Travel and Tourism Council	Country scale tourism data by year
% GDP agriculture	FAO	Country scale agriculture data by year
Ocean Health Index (OHI)	OHI website / data downloads	EEZ scale OHI including Goal and Sub-Goal Score
Cumulative Human Impact (CHI)	CHI website / data downloads	EEZ scale CHI Score and impact scores by stressor and CHI



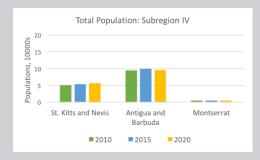




140 M

(ave)

VENEZUELA





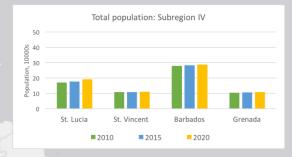
160 Population, millions 120 Caribbean NICARAGU. **2010** 2015 **2**020 COSTA RICA

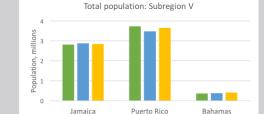
Subregional & Wider Caribbean Populations

Total population: Subregion IV Martinique Guadeloupe Dominica **2010** 2015 2020



36% 9% (25%) 2% 28% PANAMÁ



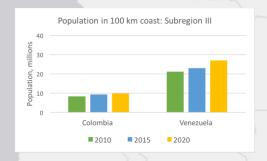


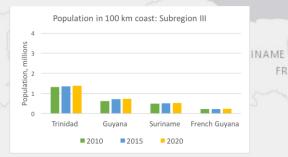
2015 2020

2010

BELIZE

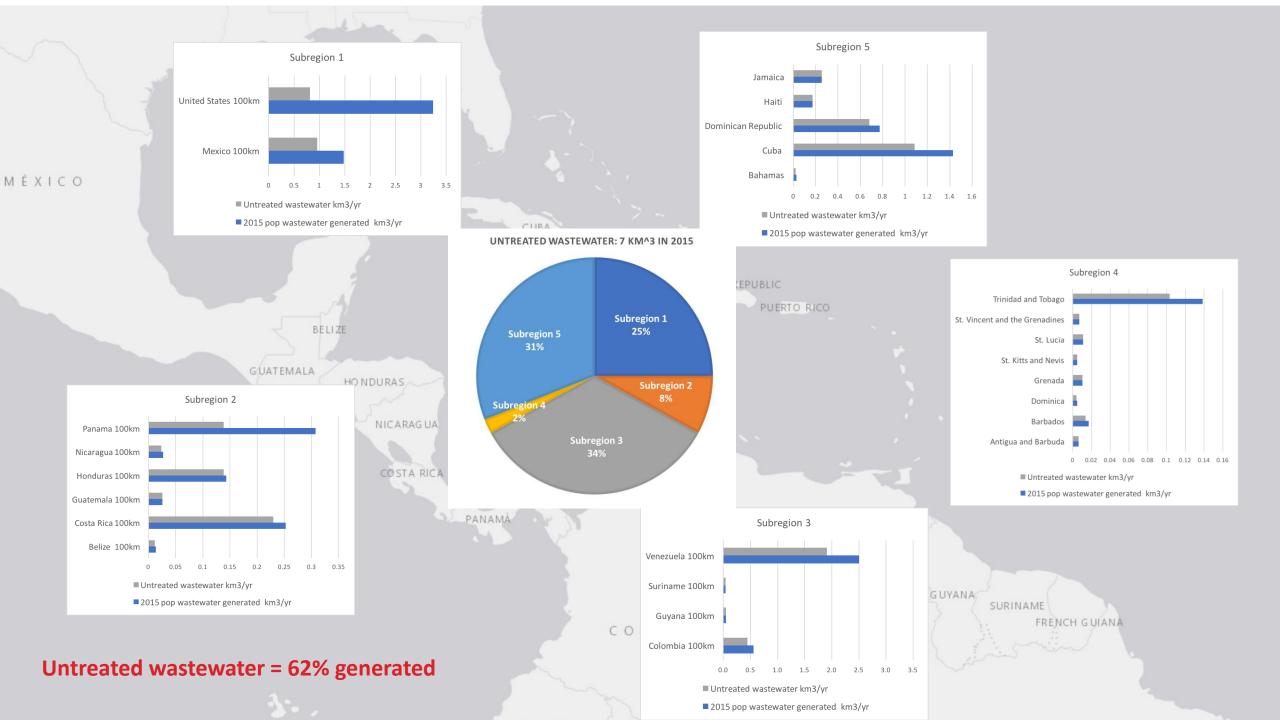
HONDURAS





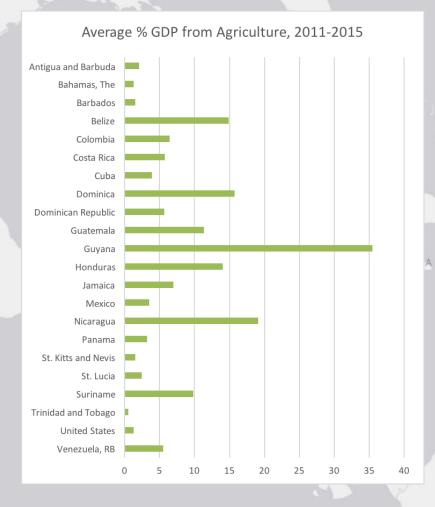
FRENCH GUIANA

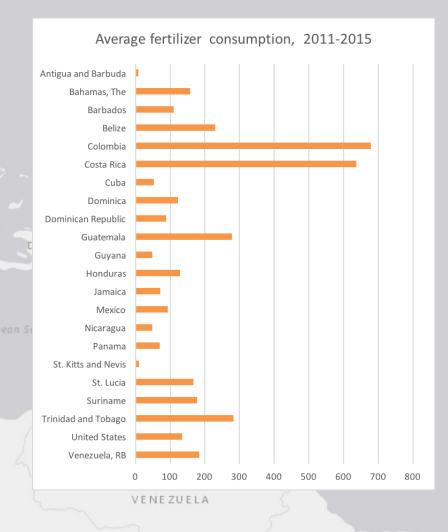






MÉXICO



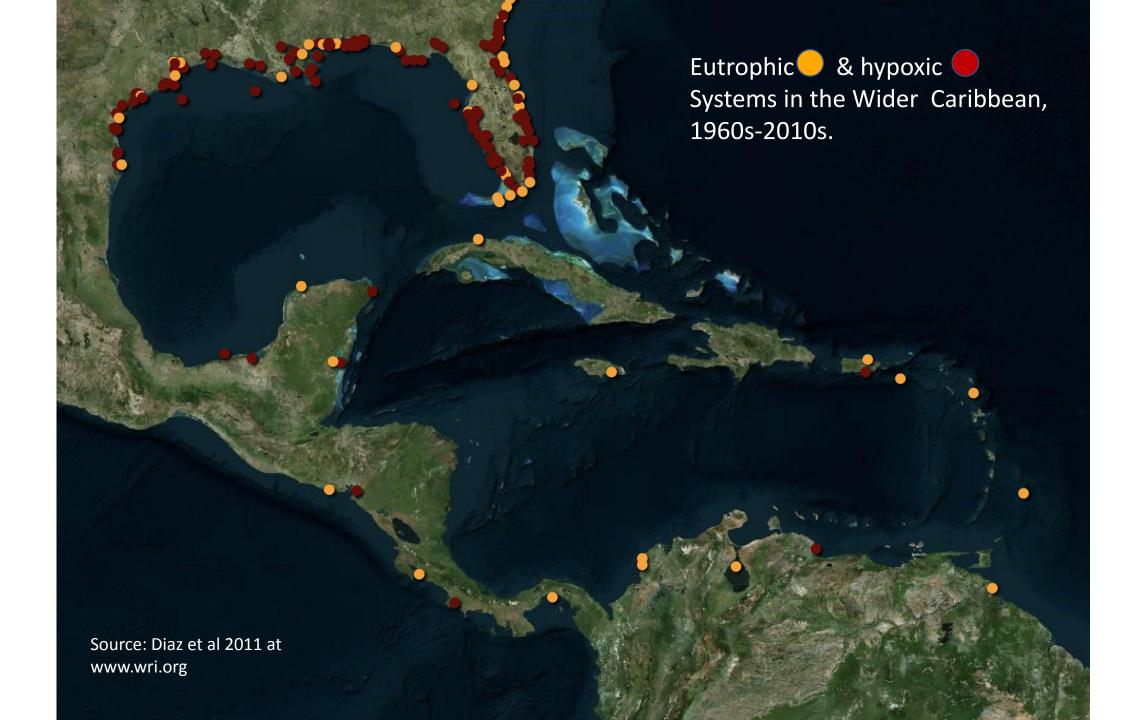


GUYANA

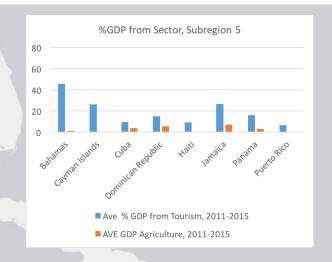
FRENCH GUIANA

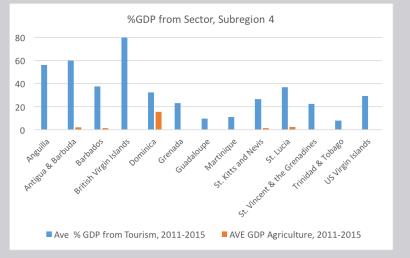
SURINAME

COLOMBIA





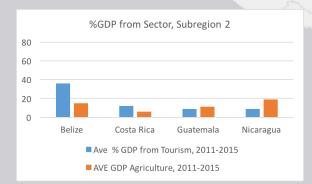




BELIZE

GUATEMALA

HONDURAS



NICARAGUA

COSTA RICA

PANAMÁ

aribbean Sen

COLOMBIA

JAMAICA

DOMINICAN REPUBLIC

PUERTO RICO

VENEZUELA

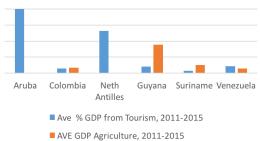


GUYANA

80

60 40

20



%GDP from Sector, Subregion 3

)

SURINAME

FRENCH GUIANA

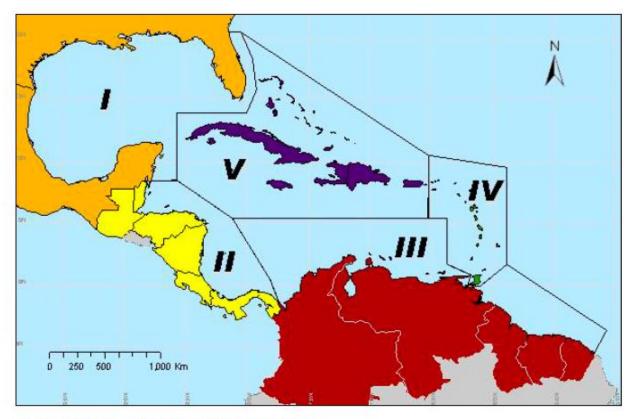


Figure 2. Division of the WCR into 5 sub-regions

Sub-region I Gulf of Mexico; includes the United States of America and Mexico.
Sub-region II Western Caribbean; includes the countries of Central America with coastlines on the Caribbean Sea: Belize, Guatemala, Honduras, Nicaragua, Costa Rica and Panama.
Sub-region III Southern Caribbean; includes the countries of the South American continent: Colombia, Venezuela, Guyana, French Guiana, Suriname, Aruba and the Netherlands Antilles.
Sub-region IV Eastern Caribbean; includes the islands Anguilla, Antigua and Barbuda, Barbados, British Virgin Islands, Dominica, Grenada, Guadeloupe, Martinique, Montserrat, St. Martin, St. Lucia, St. Bartholomi, St. Kitts and Nevis, St. Vincent and the Grenadines, U.S. Virgin Islands and Trinidad & Tobago.

Sub-region V North-eastern and Central Caribbean; includes Bahamas, Cayman Islands, Cuba, Dominican Republic, Haiti, Jamaica, Puerto Rico and the Turks and Caicos Islands.