

Regional Strategy on Climate Change and the Climate Forum of Central America. From knowledge management to political action

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linking and applying climate knowledge**

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PROJECTED CLIMATE CHANGE IN THE COUNTRIES OF CENTRAL AMERICAN INTEGRATION SYSTEM (SICA)

Projected changes in temperature and precipitation in Central America
2020, 2050 y 2080

Estación			
	2020	<u>Changes in Temp. ° C</u> 2050	2080
Seca	+0.4 a +1.1	+1.0 a +3.0	+1.0 a +5.0
Húmeda	+0.5 a +1.7	+1.0 a +4.0	+1.3 a +6.6
	<u>Changes in Precipitation (%)</u>		
	2020	2050	2080
Seca	-7 a +7	-12 a + 5	-20 a +8
Húmeda	-10 a + 4	-15 a+ 3	-30 a +5

Fuente: CEPAL, 2010. Estudio Economía del Cambio Climático

PROJECTED CLIMATE CHANGE

Average temperature anomaly (° C)
(According to the average of three models)

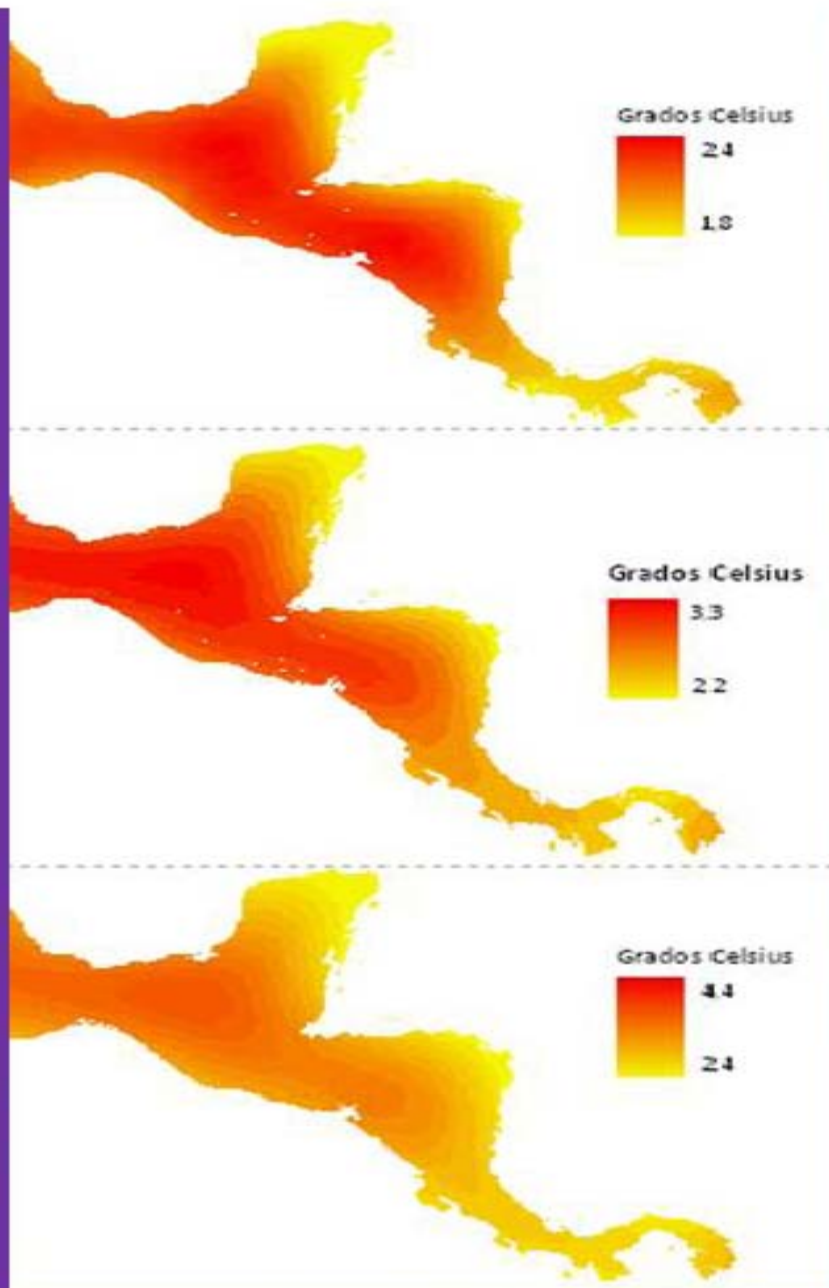
Años	2050		2100	
Country * Scenarios	A2	B2	A2	B2
Costa Rica	1.63	1.32	3.89	2.48
Belice	1.53	1.40	3.70	2.47
El Salvador	2.05	1.45	4.72	2.65
Guatemala	1.97	1.48	4.74	2.73
Honduras	1.83	1.42	4.20	2.53
Nicaragua	1.89	1.40	4.29	2.45
Panamá	1.49	1.24	3.62	2.21
Centroamérica	1.77	1.39	4.17	2.50

Fuente: CEPAL, 2010. Estudio Economía del Cambio Climático

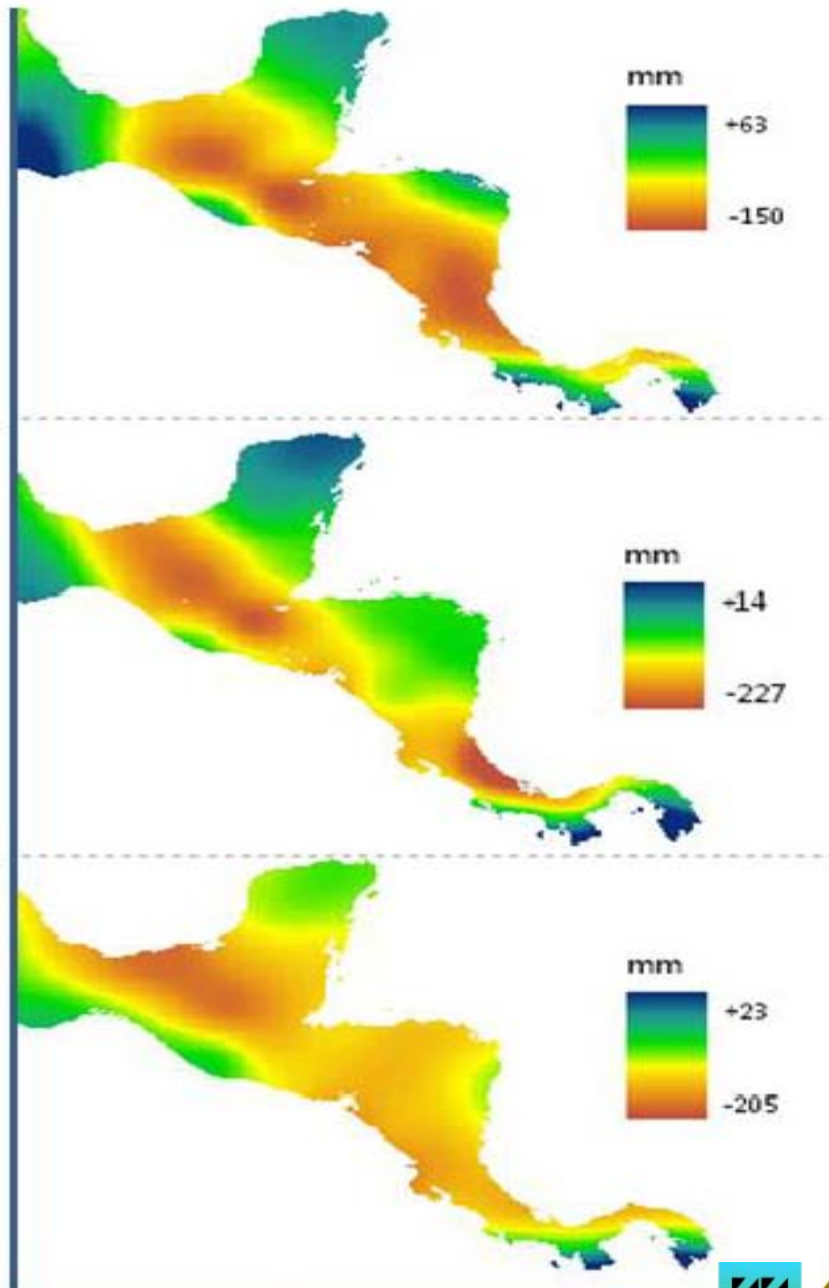
Emisiones bajas

Emisiones moderadas

Emisiones altas



Δ Temperatura

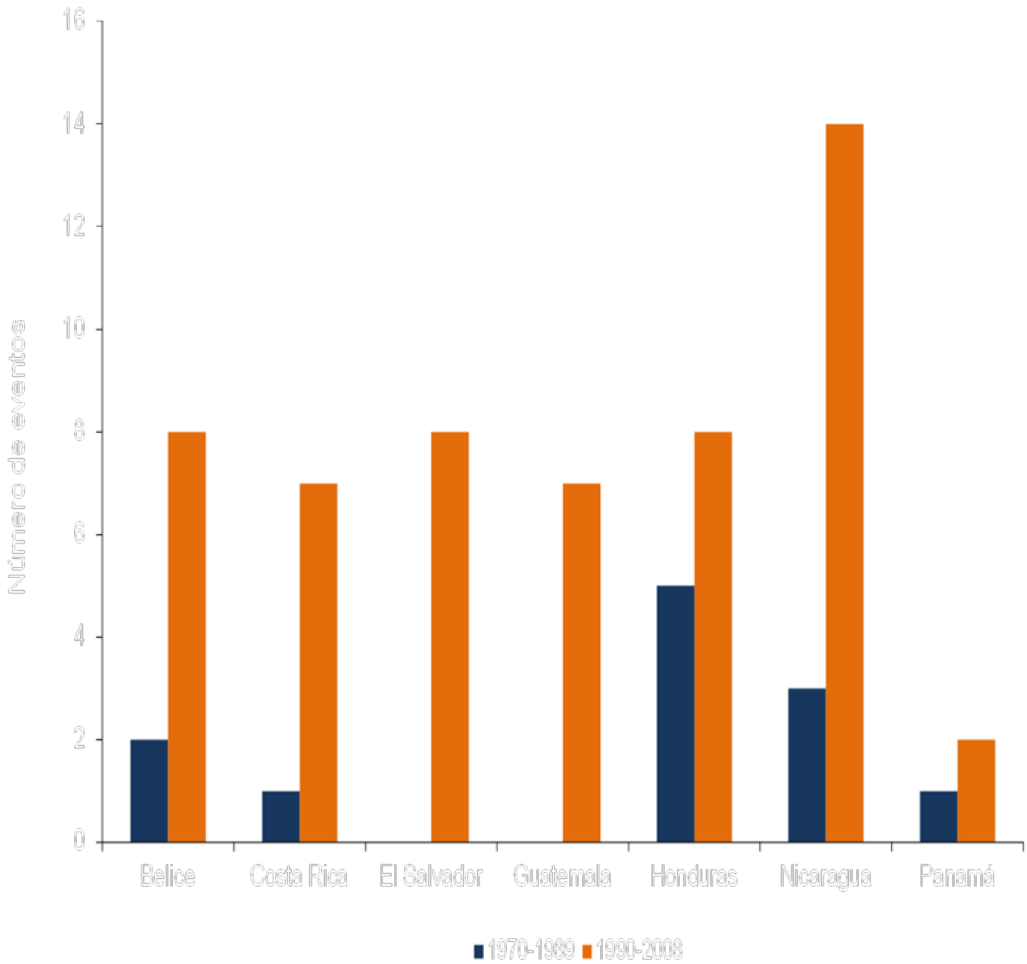


Δ Precipitación

Areas prone to drought in Central America



Central America: Number of Tropical Storms and Hurricanes 1970-1989 Y 1990-2008



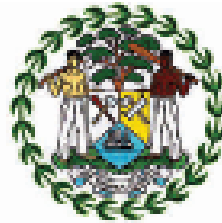
Fuente: CEPAL, Economía del Cambio Climático 2010

RESPONSE OF THE COUNTRIES OF CENTRAL AMERICAN INTEGRATION SYSTEM (SICA)

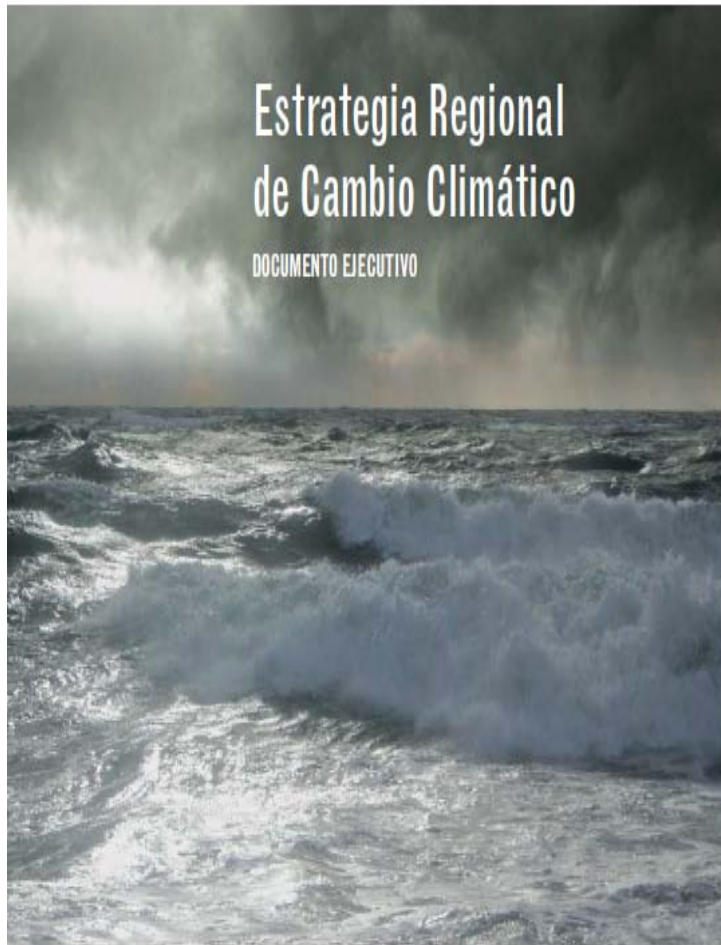
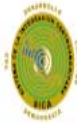


Central American Commission on Environment and Development. CCAD: Built by the Council of Ministers of Environment of Central America and Dominican Republic

The body responsible for regional environmental agenda, its main objective is to contribute to sustainable development in Central America, strengthening cooperation and integration arrangements for environmental management.



OBJECTIVE OF REGIONAL CLIMATE CHANGE STRATEGY (RCCS)



Comisión Centroamericana de Ambiente y Desarrollo - CCAD
Sistema de la Integración Centroamericana - SICA

Noviembre 2010

It is an instrument for the implementation of regional policy framework on climate change that aims to help prevent and reduce the negative impacts of climate change by increasing resilience and adaptive capacity in order to reduce vulnerability social, ecological and economic, and create the capacity to influence and contribute to reducing the climate threat



• STRATEGIC AREAS OF REGIONAL CLIMATE CHANGE STRATEGY (RCCS)

1. VULNERABILITY AND ADAPTATION TO CLIMATE CHANGE AND VARIABILITY, AND RISK MANAGEMENT

- Extreme Weather Events and Risk Management
- Agriculture and Food Security
- Forest Ecosystems and Biodiversity
- Water Resources
- Public Health and Climate Change
- Coastal Resources - Marine
- Tourism and Climate Change
- Indigenous peoples, ethnic and black communities
- Public Infrastructure



2. MITIGATION

3. STRENGTHENING CAPABILITIES

4. EDUCATION, COMMUNICATION AND CITIZEN PARTICIPATION

5. TECHNOLOGY TRANSFER

6. INTERNATIONAL NEGOTIATIONS AND MANAGEMENT



REGIONAL PRIORITY ACTIONS

1. KNOWLEDGE MANAGEMENT ON CLIMATE CHANGE:

- a) Support to Regional (CCAD) Environmental Observatory**
- b) Support to Regional Climate Forum (CRRH)**

2. REDUCTION OF VULNERABILITIES:

TECHNICAL STUDIES OF VULNERABILITY AND RISK MANAGEMENT MEASURES AND ADAPTATION IN A LOCAL PRIORITY SECTORS

- a) Agriculture**
- b) Water**
- c) Health**

3. PROMOTION ACTIONS CO-ADAPTATION WITH MITIGATION BENEFITS

- a) ECOSYSTEM RESTORATION PROGRAMS AND LANDSCAPES**
- b) REDD PLUS: Safeguards / Compensation Mechanisms**

4. TECHNICAL ASSISTANCE IN THE CLIMATE NEGOTIATIONS

- a) Loss and Damage Mechanism**
- b) Climate Financing**

REGIONAL PRIORITY ACTIONS

Regional dialogue
Land
Management and
Climate Change,
the role of Forest
Ecosystems

Dialogue
Regional
Ecosystem
Restoration and
Landscape and
sustainable
development

Regional
Dialogue on
REDD plus
strategies,
Adaptation-
Mitigation
Approach.

Regional Dialogue
Strategy Central
Coastal Marina, the
contribution of the
mangrove ecosystem
in the development

Forests and Water
Regional Dialogue a
multidimensional
agenda and its
contribution to
development

