

**ASSOCIATION DES ETATS DE LA CARAIBE  
XXIV<sup>e</sup> REUNION DU COMITE SPECIAL POUR LA REDUCTION DES RISQUES DE  
CATASTROPHES**

**Port d'Espagne, Trinité-et-Tobago, le 21 octobre 2016**

**PRESENTATION DU RAPPORT DE LA DIRECTION ET DU PROGRAMME DE TRAVAIL  
2017-2018**

**PAR M. ARTURO LOPEZ-PORTILLO CONTRERAS, DIRECTEUR DU TRANSPORT ET DE  
LA REDUCTION DES RISQUES DE CATASTROPHES DE L'AEC**

**Association of Caribbean States.  
Asociación de los Estados del Caribe.  
Association des États de la Caraïbe  
(ACS / AEC)**



**ACS AEC**

ASSOCIATION OF CARIBBEAN STATES  
ASOCIACION DE ESTADOS DEL CARIBE  
ASSOCIATION DES ETATS DE LA CARAIBE



# **Directorate for Transport and Disaster Risk Reduction**

**Report for the XXIV Disaster Risk Reduction Special  
Committee Meeting.**

**Activities from the Havana Plan of Action, Status and  
Work Programme 2017-2018**

**Arturo López-Portillo Contreras  
Director of Transport and Disaster Risk Reduction.**

**ACS Secretariat. Port of Spain.  
Trinidad and Tobago. October 21<sup>st</sup> , 2016**

# Objectives

- **Inform the ACS Countries about activities from the Havana Plan of Action related to Disaster Risk Reduction in the Region**
  - **Director**
  - **Organizations implementing ACS projects.**
- **Inform about activities for the period 2017-2018. Work Programme.**
- **Report of DRR activities from DRR organisations in the region.**

# Outcomes

- ACS Members informed of progress of ACS projects related to DRR.
- Identification of areas where to strengthen collaboration and support. Members States and Agencies.
- Identification of needs for the continuation of projects
- Identification of activities that could improve current projects and DRR in the region
- Agreements. Committments.  
Responsibilities.



# General

- Last Special Committee Meeting. Port of Spain, Trinidad and Tobago. October 9<sup>th</sup> , 2015.
- Changes in Staff:
  - Director.
    - Mr. Arturo López Portillo. August 1<sup>st</sup>, 2016.
    - Mr. George Nicholson. July 29<sup>th</sup>, 2016.
  - Research Assistant.
    - Ms. Kenika Espinosa. September 12<sup>th</sup>, 2016
    - Ms. Anastasia Ramjag. July 29<sup>th</sup>, 2016.
    - Ms. Rachael Robinson.
  - Advisor
    - Ms. Nnyeka Prescod.
  - Secretary
    - Ms. Farrah Ramlochan.

# Plans of Action

- Pétion-Ville, Haïti,
- April 23<sup>rd</sup> -25<sup>th</sup>, 2013.



- Havana, Cuba,
- June 2<sup>nd</sup> -4<sup>th</sup>, 2016.



# **ACS. Havana Plan of Action 2016-2018**

**June 4<sup>th</sup>, 2016.**

## **4. Disaster Risk Reduction**

4.1. SHOCS II Follow Up Project.  
Strengthening Hydro-meteorological  
Operations and Services in Caribbean  
SIDS. Complementary Project to the  
SIDS Caribbean Project (COPS)

4.2. UNGGIM Caribbean Project.  
Strengthening Spatial Infrastructure  
Data in ACS Countries



# **ACS. Havana Plan of Action 2016-2018**

**June 4<sup>th</sup>, 2016.**

## **4. Disaster Risk Reduction**

**4.3 Caribbean Territorial  
Information Platform for Disaster  
Prevention (PITCA)**

**4.4. “Local Risk Management”  
On site Course for ACS Members  
States.**



# **ACS. Havana Plan of Action 2016-2018**

## **June 4<sup>th</sup>, 2016.**

### **4. Disaster Risk Reduction**

#### **4.5. Reduction of Local Vulnerabilities**

##### **4.5.1. Convening a Meeting of Experts on Vulnerability.**



# **ACS. Pétion Ville Plan of Action 2013-2015**


## **4. Disaster Risk Reduction**

### **4.2. Green Response to Disasters**



# **2<sup>nd</sup> Summit. 1999. Dominican Republic**

**Agreement between Member States  
and Associate Members of the  
Association of Caribbean States for  
Regional Cooperation on Natural  
Disasters**

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- The background of the slide features a faint, light-colored globe. Overlaid on the globe is a dark silhouette of the map of India. Above the map of India, there is a circular emblem resembling the Ashoka Chakra, a 24-spoke wheel. The globe's latitude and longitude lines are visible as thin, light-colored lines.
- Guidelines for the domestic facilitation and regulation of international disaster relief and initial recovery assistance (IDRL) and the model act for the IDRL guidelines implementation.

## 4.1. SHOCS II Follow Up (COPS).

### Havana Plan of Action

4.1. Strengthening Hydro-meteorological Operations and Services in Caribbean Small Island Developing States and the Early Warning System using World Meteorological Organisation (OMM) Trust Funds provided by the Government of Finland. This phase is designed to enhance the performance and strengthen the capacity of national Meteorological and Hydrological Institutions and Disaster Management Agencies in ACS Member States through the consolidation of their early warning systems and greater preparedness to mitigate the effects of hazards.





# SHOCS/COPS. Countries benefitted

- Antigua and Barbuda
- Bahamas
- Barbados
- Belize
- Cuba
- Dominica
- Dominican Republic
- Grenada
- Guyana
- Haiti
- Jamaica
- St. Kitts-Nevis
- Saint Lucia
- Saint Vincent and the Grenadines
- Suriname
- Trinidad and Tobago
- Anguilla
- Aruba
- Curazao
- Cayman Islands
- British Virgin Islands



# SHOCS II / COPS

## Status

- MOU ACS-Finnish Meteorological Institute (FMI)
- Hydro-meteorological equipment
- Capacity building
- Emergency Warning Systems
- SHOCS I. 2010-2012. € 490,000.00 from Finland.
- SHOCS II. 2013-2016. € 1,000,000.00 from Finland

## Work Programme 2017-2018

- COPS € 130,000.00 from WMO Trust Fund for Caribbean SIDS
- Project Board Meeting. ACS (SG-DDRR) – FMI (HCS-PM). Approval of Plan and budget.
  - Advisory Members: CDEMA, WMO, CMO

## Sustainable Development Goals.

1: End Poverty; 9: Innovation and Infrastructure; 11: Sustainable Cities and Communities; 19: Partnerships for the Goals.

## **4.2. UNGGIM: Strengthening The Infrastructure of Geospatial Data of ACS countries. Caribbean Project**

### **Havana Plan of Action:**

UNGGIM: Strengthening The Infrastructure of Geospatial Data of ACS countries. Caribbean Project (UNGGIM: United Nations Initiative on Global Geospatial Information). This project, developed by the National Institute of Statistics and Geography of Mexico, will introduce the Caribbean States to the United Nations Initiative on Global Geospatial Information Management and will provide a link for countries to be a part of the world geodesic framework while improving the capacity for GI, Spatial Data Infrastructure and its use in planning in the region

# UNGGIM

## **Background:**

Agreement between the Ministry of Foreign Affairs, the National Institute of Statistics and Geography and the Association of Caribbean States for \$4.5 USD.

Signed in the VI ACS Summit of Heads of State and /or Governments in Mérida, México. April 2014.

Declaration of Mérida. April 30<sup>th</sup>, 2014:

14. b. Participate in the implementation of a Geospatial Information and Infrastructure System that would respond to the needs of our region and which would allow us to maximise the use of geospatial information for the benefit of our peoples. In this way, the Greater Caribbean region would join in the efforts of the Initiative of the United Nations Committee of Experts on Geospatial Information Management.

Funded by the Mexican Agency for International Development AMEXCID. \$4,500,000.00 USD and the Mexico Chile Fund; \$200,000 USD

# UNGGIM

## Justification

- To enhance global cooperation in the field of geospatial information management.
- Development of the global geodetic reference frame
- Development of a global map for sustainable development
- Geospatial information supporting Sustainable Development and the post 2015 development agenda
- Adoption and implementation of standards by the global geospatial information community
- Development of a knowledge base for geospatial information



# UNGGIM- Countries Benefitted

1. Antigua and Barbuda
2. Bahamas
3. Barbados
4. Belize
5. Cuba
6. Dominica
7. Dominican Republic
8. Grenada
9. Guadeloupe
10. Guyana
11. Haiti
12. Jamaica
13. Martinique
14. St- Kitts-Nevis
15. Saint Lucia
16. St. Maarten
17. Saint Vincent and the Grenadines
18. Suriname
19. Trinidad and Tobago

# UNGGIM

## Status

- **Diagnosis.**
- **Capacity Building:** 7 workshops; Geodetics, GIS Standards, Cartography, Geographical Metadata, Spatial Infrastructure Data, Use of Geodetics Equipment, Geographic Information Systems.
- **Infrastructure.** Geodetics equipment, lap tops, work stations, network of servers.
- **Land Cover:** Satellite images. Land cover maps for 16 countries. 1 Regional map.
- **Regional Centre for Data Processing.** UWI. Faculty of Geodetics Engineering. MOU Mexican Embassy- ACS-INEGI –UWI 26 March 2015
- **Incorporation to UNGGIM.** Caribbean countries.

## Activities 2017-2018

- Workshop. Land Cover Map Classification. Trinidad and Tobago. November 28-December 2nd, 2016.
- Workshop. Geoportals. Chile. April, 2016.

**SDGs:** 1: End Poverty; 9: Innovation and Infrastructure; 11: Sustainable Cities and Communities; 19: Partnerships for the Goals.

### **4.3. Caribbean Territorial Information Platform for Disaster Prevention (PITCA)**

#### **Havana Plan of Action:**

Caribbean Territorial Information Platform for Disaster Prevention (PITCA). This project headed by the National Disaster prevention Centre of Mexico (CENAPRED) will use the UNGGIM project as its information and systems base and will develop, with the aid of regional partners, the online GIS-based multi-risk analysis for sharing and managing risk information across the Caribbean.

# PITCA.

## Justification

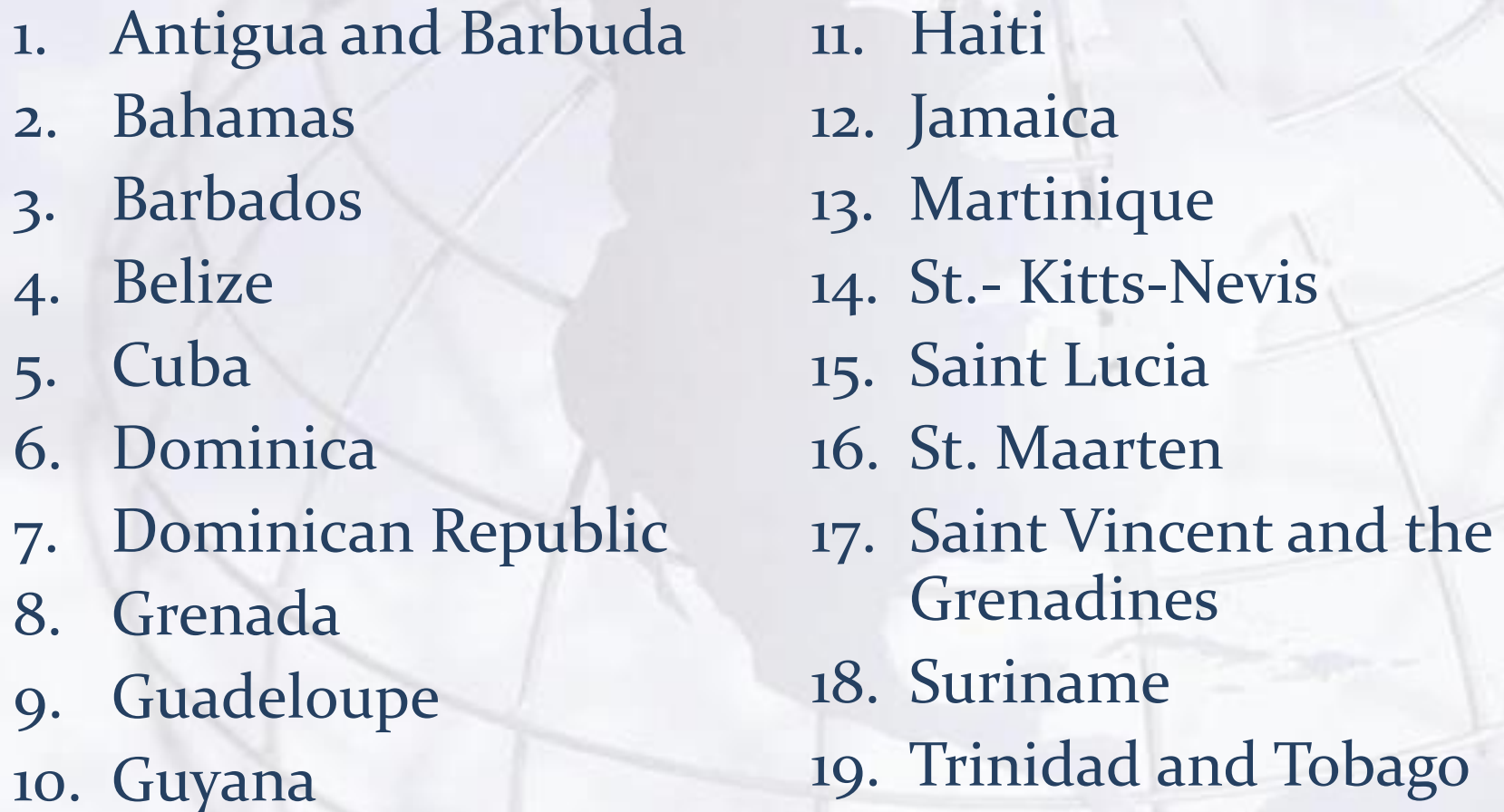
VI ACS Summit of Heads of State and /or Governments in Mérida, México. April 2014.

Declaration of Mérida. April 30<sup>th</sup>, 2014 :

14.a Exchange experiences for the integration of information systems that would allow us to advance toward the implementation of a platform for a territorial information system in the Greater Caribbean for natural disaster prevention that would contribute to our efforts for comprehensive risk management.

Funded by the Mexican Agency for International Development AMEXCID.

# PITCA- Countries Benefitted

- 
1. Antigua and Barbuda
  2. Bahamas
  3. Barbados
  4. Belize
  5. Cuba
  6. Dominica
  7. Dominican Republic
  8. Grenada
  9. Guadeloupe
  10. Guyana
  11. Haiti
  12. Jamaica
  13. Martinique
  14. St.- Kitts-Nevis
  15. Saint Lucia
  16. St. Maarten
  17. Saint Vincent and the Grenadines
  18. Suriname
  19. Trinidad and Tobago



# PITCA

## Status

- Project Document
- Meeting of the Technical Committee.
- First Regional Meeting of the PITCA
- Design of the TORs for First consultancy (Diagnosis)
- Initial Funds from AMEXCID

## Work Programme 2017-2018

- Diagnosis with respect to risk information systems
- Identification of Gaps
- Establishment of standards, procedures
- System of information for collecting, processing and exchanging information
- Development of a Platform based on the information systems for the management of territory with a vision of risk reduction

## Sustainable Development Goals.

1: End Poverty; 9: Innovation and Infrastructure; 11: Sustainable Cities and Communities; 19: Partnerships for the Goals.





## 4.4. “Local Risk Management” Onsite Course

### Havana Plan of Action

“Local Risk Management” Onsite Course for ACS Members of the Greater Caribbean at the Centre for Capacity Building for Disaster Risk Reduction and Climate Change Adaptation organised by the Environmental Agency of the Ministry of Science, Technology and Environment of the Republic of Cuba.

# **“Local Risk Management” Onsite Course**

## **Status**

- Course design: agenda, participants, etc.

## **Activities 2017-2018**

- Final design of course

## **Countries benefitted:**

- All ACS Countries.

**SDGs:** 1: End Poverty; 9: Innovation and Infrastructure; 11: Sustainable Cities and Communities; 19: Partnerships for the Goals.

## 4.5.1. Convening a Meeting of Experts on Vulnerability

### **Havana Plan of Action:**

To propose regional policies for disaster risk reduction based on the identification of key activities, to be carried out by the government agencies involved in disaster management in Member Countries. This will be compatible with international standards that use GIS such as the UNGGIM Caribbean Project, the PITCA and SHOCS project as their reference framework.

# Convening a Meeting of Experts on Vulnerability

## Status

- Meeting design: agenda, participants, etc.
- Planning with UNISDR CDEMA and other partners

## Activities 2017-2018

- Final design of meeting.
- December 2017

## Countries benefitted:

- All ACS Countries.

**SDGs:** 1: End Poverty; 9: Innovation and Infrastructure; 11: Sustainable Cities and Communities; 19: Partnerships for the Goals.

# Green Response to Disasters

## Declaration of Pétion Ville:

4.2. Develop standards and regulations that the Caribbean governments and people can incorporate, to promote and facilitate the production and utilization of eco-efficient products, tools and processes to be utilised for responding to, and recovering from, disasters impacting on their countries.



# Green Response to Disasters



# Green Response to Disasters

## Rationale

- Over \$8.78 billion USD in disaster and emergency relief around the world (OCHA. 2012)
- Recovery operations: waste disposal, water sanitation, shelter management, construction, logistics, medical aid.
- Effect to the environment.
- IFRC. UNISDR. PAHO. CDB. TNT ODPM. CDEMA. ACS
- Four phases:
  1. Feasibility Study. A country Study. Trinidad and Tobago.
  2. Identify/develop/source green response prototypes from the Caribbean
  3. Test pilot green response prototypes
  4. Based on the development of goods identified and procured promote and support their production



# Green Response to Disasters

## Status

- Phase 1 completed.

## Activities 2017-2018

- Technical Group. Coordination Committee. (IFRC. ODPM, TTRC, ACS)
- Way forward with phases II, III and IV

## Countries benefitted:

- All ACS Countries.

**SDGs:** 1: End Poverty; 9: Innovation and Infrastructure; 11: Sustainable Cities and Communities; 19: Partnerships for the Goals.

- 
- Guidelines for the domestic facilitation and regulation of international disaster relief and initial recovery assistance (IDRL) and the model act for the IDRL guidelines implementation.
  - Comments to the document «Protection of Persons in the Event of Disasters»
  - Meeting with IFRC, Expert Group, etc.

## **Agreement between Member States and Associate Members of the Association of Caribbean States for regional Cooperation on Natural Disasters**

- Signed in the Second Summit of Heads of State in Santo Domingo de Guzmán, Dominican Republic on April 17th, 1999. (25 Member States, France and the Netherlands)
- Ratified by Entered into force when Saint Lucia ratified, April 1st 2014.
- ACS will continue promoting its signing and ratification
- It would be desirable to circulate amongst Member States and key DRR regional organisations
  - Review of the Agreement in the light of other initiatives (SENDAI-CDM)
  - What has been done by Member States.



## CDM Strategy, Sendai Framework and ACS Agreement

DRM activity	CDM	Sendai Priorities for Action (PA)	ACS
	Regional Objective (RO) Priority Area (PA)		
DRM organisations strengthened	RO 1.1	PA 2	
CDM integrated into policies, strategies and legislation	RO 1.2	PA 2	Art. 4.1.
Hazard risk information integrated into development planning/building knowledge of relevant risks	RO 2	PA 1	Art. 3
DRM sectoral plan	PA 1	PA 4	Art. 4.2.
DRM programming adequately resources/Investing in DRM for resilience	RO 1.5	PA 3	Art. 4.2.
Strengthened coordination for preparedness, response and recovery	RO 1.3	PA 3	Art. 4.2. Art. 4.5.
Building better and building back better		PA 4	Art. 3

# Articles (Communication Strategy)

- Climate Change and the Caribbean
- Financing for Change
- Tragedy of Freedom in the commons;  
What the Paris Agreement mean for the  
Caribbean
- The Broken Window Fallacy, Economics  
for Disaster Risk reduction

- Thanks
- Gracias
- Merci
- Mesi
- Dank u wel

