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**REPORT ON THE NATIONAL TRAINING WORKSHOP IN THE  
ECLAC METHODOLOGY FOR ESTIMATING THE SOCIO-  
ECONOMIC AND ENVIRONMENTAL EFFECTS OF DISASTERS**  
*19-21 April 2005, Cayman Islands*

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## **REPORT ON THE NATIONAL TRAINING WORKSHOP IN THE ECLAC METHODOLOGY FOR ESTIMATING THE SOCIO-ECONOMIC AND ENVIRONMENTAL EFFECTS OF DISASTERS**

The Economic Commission for Latin America and the Caribbean (ECLAC), in collaboration with the United Nations Development Programme (UNDP) and the Cabinet Policy Coordination Unit of the Government of the Cayman Islands, conducted a three-day training course in the methodology to assess sectoral, social, environmental and macroeconomic impacts of natural disasters. The training course was held in Georgetown, Grand Cayman, from 19-20 April 2005.

In 2004, ECLAC in collaboration with UNDP conducted an assessment<sup>1</sup> on the macroeconomic, social and environmental consequences of the tragic and devastating impact of Hurricane Ivan on the Cayman Islands.

Following the assessment, the Government of the Cayman Islands and UNDP entered into an agreement to increase the capacity of the Cayman Islands Government to manage the disaster cycle, with particular reference to risk reduction and management of the rehabilitation process. Within this framework, ECLAC was requested to conduct a training course in its assessment methodology.

The main objective of this training was to expose a wide range of key personnel to the ECLAC methodology, the fundamental concepts that underlie the ECLAC approach; sectoral applications of the methodology; and estimating the impact of a disaster on the main macroeconomic parameters.

ECLAC staff, which included Mr. Erik Blommestein, Ms. Asha Kambon and Mr. Esteban Perez and one UNDP consultant, Mr. David Smith, conducted the training. The course proceeded along the appended agenda and included power point presentations as well as a case study. Mr. Franklin McDonald, UNDP consultant on a hurricane season preparation mission, kindly agreed to make a presentation on vulnerability reduction.

Thirty-one participants attended the workshop. However, many of the participants only attended those sessions that were of direct relevance to their day-to-day work. In consequence only nine persons participated in the case study and returned the questionnaire. A list of participants appears at Annex 2.

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<sup>1</sup> The Impact of Hurricane Ivan in the Cayman Islands. LC/CAR/L.25 or LC/MEX/L.645, ECLAC, 2004.

**Question 1: Specify your area of expertise.**

Participants were drawn from a wide range of disciplines and included management, small business and human resource development, engineering, planning, environmental management, disaster preparedness and shelter management, surveying and policy development.

**Question 2: What were your expectations of the workshop?**

Most participants wanted to better appreciate the ECLAC methodology particularly with a view to understanding how the information of the Cayman Islands Assessment report was derived.

**Question 3: Did the workshop meet your expectations?**

Exceeded expectations:	2
Met expectations:	4
Partially met expectations:	3
Did not meet expectations:	0

**Question 4: To what extent was the material presented at the workshop useful to your current work?**

Very useful	5
Useful	2
Somewhat useful	1
Not very useful	1

**Question 5: To what extent was the material presented at the workshop useful to your work that you expect to perform in the future?**

Very useful	6
Useful	1
Somewhat useful	2
Not very useful	0

**Question 6: Was the material presented?**

Too much	4
Just enough	4
Not enough	1

**Question 7: Are there any areas in the workshop you wish further training in?**

Yes	4
No	5

Those who stated a need for further training identified a more detailed application of the ECLAC methodology to the social sector (one participant) and more examples of analysis of data and the use of that data for the future planning of risk management and assigning values.

**Question 8: Did the logistics (venue, administrative and technical support) enrich the training, distract from the training or were adequate?**

All participants expressed satisfaction with the venue. All, but one, participant found the logistics adequate or better. One participant expressed a concern about limited communication regarding the purpose of the workshop and on the expectations for the future use of the knowledge gained.

**Question 9: General comments**

Six participants submitted general comments on the workshop. The workshop was seen as necessary for preparation for the next hurricane season and also showed the importance of a systematic data collection practice. With respect to the course itself, it was suggested that instead of the full-blown case study a detailed step by step exercise going through the calculations and assumptions for a particular sector might have been more useful. Another suggestion was that it should be a prerequisite for the participants to study a past ECLAC disaster assessment report to get a better feel for how the information came together.

Annex 1**PROGRAMME****Day 1 - Tuesday 19 April 2005**

8:30 - 8:45 a.m. Welcome remarks - Mr. Donovan Ebanks,  
Chairman of the National Hurricane Committee

8:45 - 9:00 a.m. Introduction of trainers and participants

**Session I: Vulnerability - Setting the stage**

9:00 - 10:15 a.m. The concept of vulnerability  
Profile of the Caribbean and its vulnerability  
The coastal zone - summary of hazards and vulnerabilities

10:15 - 10:30 a.m. *Coffee Break*

**Session II: The ECLAC Methodology**

11:30 - 12:30 p.m. Introduction to the ECLAC methodology  
Key concepts and definitions  
Introduction of the cases study

12:30 - 2:00 p.m. *Lunch*

**Session III: Applying the methodology**

2:00 - 5:00 p.m. Infrastructure  
Economic sectors

3:30 - 3:45 p.m. *Coffee Break*

3:45 - 5:00 p.m. Tourism  
Manufacturing and the commercial sector

## **Day 2 - Wednesday 20 April 2005**

### **Session III: Applying the methodology (cont'd)**

- 9:00 - 10:30 a.m.      Affected population, gender differentiation, loss of life, displaced population, homelessness, migration, employment effects
- 10:30 - 10:45 a.m.    *Coffee Break*
- 10:45 - 12:30 p.m.    Social sectors (housing, education and health)
- 12:30 - 2:00 p.m.     *Lunch*
- 2:00 - 3:00 p.m.      Social sectors (cont'd)
- 3:00 - 5:00 p.m.      Environment and cultural heritage

## **Day 3 - Thursday 21 April 2005**

### **Session IV: Putting it all together - Summary of effects**

- 9:00 - 11:30 a.m.      Overall effects of damages on the economy: macro economic impacts  
  
Vulnerability reduction
- 11:30 - 4:30 p.m.      Case study
- 5:30 - 7:30 p.m.      Presentation by Mr. Franklin McDonald  
Presentation of diplomas  
Closing remarks (Mr. Donovan Ebanks)  
Reception

Annex 2**List of Participants**

<b>Name</b>	<b>Organization</b>	<b>Sessions</b>
Donnie Ebanks	Chair, NHC	
Nick Robson	British Red Cross London	
Jondo Obi	Cayman Islands Red Cross Branch	
Stran Bodden	Economics and Statistics Office	
Christina Rowlandson	Cabinet Office	
Samuel Rose	Cabinet Office	
Dax Basdeo	Cayman Islands Investment Bureau	
Eduardo D'Angelo Silva	Cayman Islands Bankers Association	
Walling Whittaker	Department for Employment Relations	
Philip Scott	Department for Employment Relations	
Carson Ebanks	Ministry of Community Affairs	opening
Diane Montoya	Ministry of Health	
Deanna Lookloy	Department of Children and Family Services	
Max Jones	Public Works Department	
Alan Jones	Lands and Survey	
Nigel Bates	Lands and Survey	
Garry Green	Lands and Survey	
Grant Vincent	Lands and Survey	
Haroon Pandohie	Planning	
Gina Ebanks-Petrie	Department of Environment	
Roydell Carter	Department of Environmental Health	
Meloney Syms	Department of Tourism	tourism session
Rhea Dixon	Department of Tourism	tourism session
McCleary Frederick	Emergency Management	
Kirkland Nixon	Cayman Islands Fire Service	
Rosworth McLaughlin	Cayman Islands Fire Service	
Fred Sambula	Meteorological Office	
Simon Tonge	Governor's Office	opening
Annelique Crowther	Government Information Services (GIS)	
Joan Scott-Campbell	Government Information Services (GIS)	visit on day 3
Angela Martins	Cayman Islands National Recovery Fund	
Mark Lagkin	Cayman Islands National Recovery Fund	
Herro Blair	Ministers Association	opening
William Peguero	Ministers Association	opening
Rev. Nicholas Sykes	Ministers Association	opening
Mike Harndon	Olde Trust - I AM CO	opening
Shirline Henriques	ADRA (Adventist Relief Organization)	opening
Wil Pineau	Chamber of Commerce	opening
J.D. Buckley	Digicel	opening
Gene Banks	Close Brothers	opening
John Sutlic	Close Brothers	opening
Chris Narborough	Truman Bodden & Co. Attorneys-at-Law	