

Socio-economic impact of hazards in the Caribbean: Framing action for the social worker



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International Seminar on Disaster
Planning, Management and Relief
January 10 – 12, 2007

Hazardousness of Caribbean



- Most Deadly Natural Hazards
- 9% population
- 14% GDP
- Every 4 years
- 2nd most hazard prone region

Socio-economic dislocation

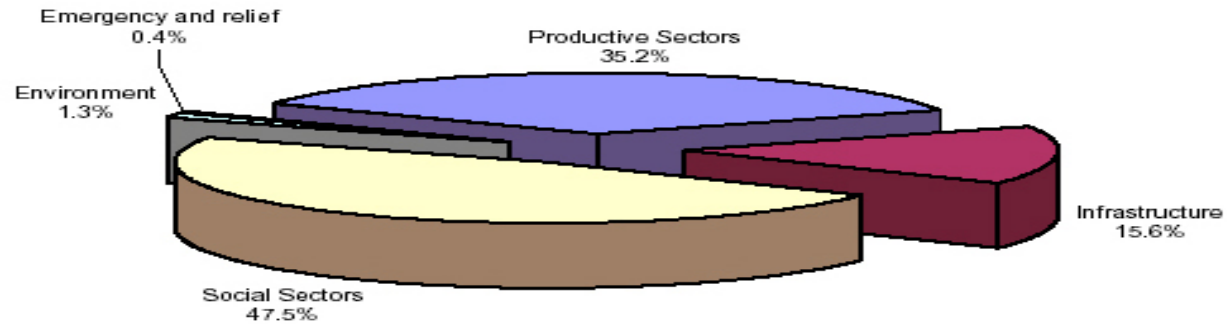
Country	Event	Killed	Estimated cost of damage (Local currency)	Estimated Cost of Damage (US dollars)	% of GDP	Information Source
Bahamas	Hurricanes Frances & Jeanne	2	B\$551M	551M	10%	ECLAC; IDB. 2004. Hurricanes Frances and Jeanne in 2004: Their impact in the Commonwealth of the Bahamas. LC/MEX/L.642/Rev.2; LC/CAR/L.23/Rev2
Barbados	Floods		N/A			Daily Nation/Advocate Newspaper articles
	Hurricane Ivan		N/A			CERO, Barbados
Cayman Islands	Hurricane Ivan	2	CI\$2,861.1M	3.5B	183%	ECLAC; Cayman Islands Government. Economics and Statistics Office; UNDP. 2004. The impact of Hurricane Ivan in the Cayman Islands. LC/MEX/L.645/Rev.1; LC/CAR/L.25/Rev.1
Dominica	Earthquake & Landslides		EC\$90M	30.3M	12.5%	OECS Secretariat. 2004. Report on preliminary findings presented to the Roosevelt Skerrit Cabinet on December 17, 2004
Grenada	Hurricane Ivan	28	EC\$2,389.6M	\$889M	200%	OECS.2004.Grenada: macro-socio-economic assessment of the damages caused by Hurricane Ivan, September 7, 2004.

Socio-economic dislocation (Cont'd)

Jamaica	Hurricane Charley	1	N/A			ODPEM, Jamaica, 08/12/04
	Hurricane Ivan	17	J\$36,886.3M	\$595M	8%	ECLAC; UNDP, PIOJ. 2004. Assessment of the socioeconomic and environmental impact of Hurricane Ivan on Jamaica. LC/MEXL.636; LC/CAR/L.22
Saint Lucia	Hurricane Ivan		EC\$6,981,800	\$2.6M		NEMO St. Lucia Report 09/10/04
Saint. Vincent & the Grenadines	Hurricane Ivan	-	EC\$109.7M	\$40.6		
	Strong Tropical Wave		EC\$137,039	\$50,755		NEMO SVG 09/09/04
	Tropical Depression #2		EC\$62,700	\$23,222		NEMO SVG 08/17/04
	Tropical Storm Earl		EC\$342,338	\$126,792		NEMO, SVG Report 08/17/2004
Trinidad & Tobago	Hurricane Ivan	1	N/A			NEMO SVG 08/17/04
	Mud Slide	2	TT\$100M+			NEMA T&T 09/07/04
Guyana	Floods	5	N/A	16M		Guyana Information News Agency

2004 Hurricanes in the Caribbean

Composition of damage and losses



■ Productive Sectors ■ Infrastructure ■ Social Sectors ■ Environment ■ Emergency and relief

Source- ECLAC 2004

Impact of Ivan on Social Sector - Grenada

HOUSING

- 89% of housing stock damaged
- 30% need complete replacement

Impact of Ivan on Social Sector - Grenada

EDUCATION

- 77 schools
- 2 special education schools
- 14 day care centers
- 14 sporting facilities
- 18 communities centers
- Libraries, archives and historical sites



HEALTH

- 11 public health institutions

Profile of Vulnerable

Parish	Community	Population	% FHH	Ave HH Size	% 0-14 yrs	% 65+ yrs	% unemp
St Thomas		92,700					
	Font Hill	680	31.25	4.25	33.82	7.35	59.2
	Trinity	2160	49.12	3.78	29.49	8.29	72.4
St Elizabeth		148,300					
	Brompton	2850	39.34	4.67	32.71	8.65	37.41
	Springfield	1340	19.35	4.32	45.93	8.89	28.33
Manchester		192,400					
	Alligator Pond	1910	40	5.47	35.56	1.11	43.81
	Comfort	2400	35.9	6.154	28.97	27.59	49.55
	Porus	4740	47.06	4.6	35.81	7.43	38.49
	Prospect	1340	54.17	5.583	39.52	1.61	52.17
	Williamsfield	550	8.33	4.58	18.75	15.63	37.93
Clarendon		229,400					
	Lionel Town	3530	34.29	3.36	31.38	4.11	46.66
St Catherine		414,700					
	Bog Walk	6360	39.10	4	31.05	5.01	42.64
	Kitson Town	6910	36.88	4.86	31.71	5.54	47.69
	Old Harour Bay	1110	39.13	4.82	38.7	3.6	22
	Linstead	26090	36.38	4.4	32.38	4.1	35.63

Source: Social Development Commission 1999

Vulnerability

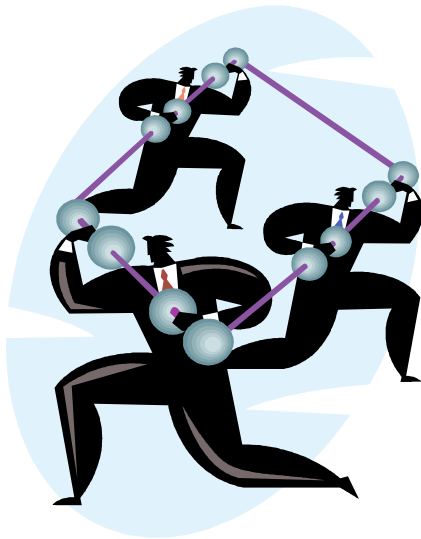
- Risks that an individual, household or community will fail to withstand
 - External threats or shocks



Operating Scenario

- Destroyed or damaged facilities
- Service limitations
- Increased service demand
- Impoverization of marginal

Specific Challenges



- Verifying Social Needs
- Managing Vulnerable in Shelters
- Nutritional and dietary needs
- Counselling

Preparing the Social Worker (Preparatory Activities)

- Personal and Family Plan
- Know and Support Community Planning
- Participate and Familiarize self with Department and National Plans
- Have a profile of the Community



Integrate Resilience into practice

- Work with key sectors to promote mitigation and sustainability
- Integrate Risk Management Skills in Community Services
- Create conduits for community memory banks

Integrate Resilience into practice (Cont'd)

- Partner with Community Based Organizations in promoting sustainable livelihoods
- Acknowledge that a catastrophe is more than a crisis

CDM Framework

CDM

Goal: Sustainable Development in the Caribbean region

SO: Comprehensive Disaster Management is integrated into the development processes of CDERA member countries.

FRAMEWORK

IR-1: Stronger regional and national institutions promote CDM.

IR-2: Research and training support CDM.

IR-3: Regional institutions and donors incorporate CDM in their own programs and promote CDM to their national members/clients.

IR-4: Preparedness, response and mitigation capability is enhanced and integrated.

IR-5: Hazard information is incorporated into development planning and decision making.



Policy Context

- Understand Relief Assistance Policies
- Identify participatory options for the vulnerable
- Understand and broker information on coping capacities
- Be agents for effective targeting
 - Harmonize donor and community norms

Key Questions for Social Work Education

- Is Disaster Risk Reduction mainstreamed in policy, strategy and programmes?
- Is the understanding of the issues adequate to underpin mainstreaming?



Key Questions for Social Work Education



- What practical solutions result from the mainstreaming?
- How does it improve livelihoods and poverty reduction?

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