

COUNTRY PROFILE

HAITI

CLIMATE: **ACUTE** CARBON: **MODERATE**

THE MONITOR ASSESSMENT

The Climate Vulnerability Monitor provides a comprehensive national-level assessment of vulnerabilities and impact specifically related to contemporary climate change and carbon intensiveness. This 2012 Monitor assessment was commissioned by the Climate Vulnerable Forum and has been independently developed by DARA. It is grounded in leading and up-to-date scientific studies, research and data assimilated on the basis of an externally reviewed methodology. The assessment spans 34 indicators of impact/vulnerability: 22 for climate change ("Climate") and 12 for carbon intensiveness ("Carbon"). Estimates in human, economic and environmental terms are for 2010 and 2030. Vulnerability at country-level and by indicator is comparative to the 184 countries included in the assessment.

→ For the full report, data & additional info: www.daraint.org/cvm2 - cvm@daraint.org - +34 915310372

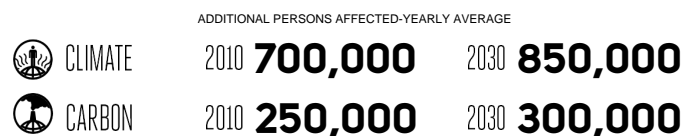
ECONOMIC NATIONAL LOSS TOTALS: HAITI

ADDITIONAL ECONOMIC COSTS (NEGATIVE NUMBERS SHOW POSITIVE EFFECTS) - YEARLY AVERAGE



HUMAN NATIONAL LOSS TOTALS: HAITI

ADDITIONAL HUMAN IMPACTS (NEGATIVE NUMBERS SHOW POSITIVE EFFECTS) - YEARLY AVERAGE



FULL COUNTRY ASSESSMENT: HAITI

	VULNERABILITY LEVEL		ADDITIONAL ECONOMIC COSTS (MILLION USD PPP)		ADDITIONAL MORTALITY		ADDITIONAL AFFECTED POPULATION (1000s)		OTHER VALUE 1*		OTHER VALUE 2*	
	2010	2030	2010	2030	2010	2030	2010	2030	2010	2030	2010	2030
ENVIRONMENTAL DISASTERS												
	-	+	1	1								
	-	+	5	35	5	5	30	40				
	+	+	25	200	15	20	5	8				
TOTAL			31	236	20	25	35	48				
HABITAT CHANGE												
			1	20					-200	-400	150	500
	-	+	35	500					250	950	150	550
	+	-	150	1,250					41	32		
	+	-	100	650			0	0	5	15		
	-	+	15	100								
TOTAL			301	2,520			0	0				
HEALTH IMPACT												
	+	-			150	100	0					
	+	+			200	250						
	+	-			600	800	0	1				
	+	-			35	45	10	20				
	+	+			200	300	0	0				
TOTAL					1,185	1,495	11	21				
INDUSTRY STRESS												
	+	-	35	300								
			1	15								
			1	5								
			1	5								
			1	25								
TOTAL			39	350								
CLIMATE TOTAL			369	3,106	1,205	1,520	47	70				
ENVIRONMENTAL DISASTERS												
TOTAL			0	0								
HABITAT CHANGE												
TOTAL			0	0								
HEALTH IMPACT												
	+	+			900	1,250	10	25				
	-	-			6,000	6,250	250	250				
					10	10	4	4				
					1	1		0				
TOTAL					6,910.5	7,511	264	279				
INDUSTRY STRESS												
			-1	-80								
TOTAL			-1	-80								
CARBON TOTAL			-1	-80	6,910	7,511	264	279				

VULNERABILITY LEVELS:

- Acute+ High+
- Acute- High-
- Severe+ Moderate
- Severe- Low

+ = Upper tier of vulnerability level
- = Lower tier of vulnerability level

- Environmental disasters
- Habitat change
- Health impact
- Industry stress
- CLIMATE = Impact/Vulnerability to Climate Change
- CARBON = Impact/Vulnerability to Carbon Intensiveness

	OTHER VALUE 1	OTHER VALUE 2
BIODIVERSITY	Contraction of biological zones (km ²) (cumulative)	Decline in biological richness
DESERTIFICATION	Additional land degraded (km ²) (cumulative)	
HEATING & COOLING	Change in energy load (GWh)	
LABOUR PRODUCTIVITY	Share of workforce particularly affected (%)	
SEA-LEVEL RISE	Net loss of land (km ²) (cumulative)	
WATER	Loss in water runoff 2030 (km ³)	
OIL SANDS	Tonnes toxic waste ('000s)	
OIL SPILLS	Gallons oil spill ('000s)	
BIODIVERSITY	Decline in biological richness	
WATER	Volume of water to treat (millions m ³)	