

COUNTRY PROFILE

LIBERIA

CLIMATE: **ACUTE** CARBON: **SEVERE**

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

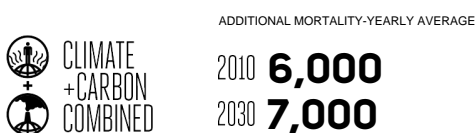
ECONOMIC NATIONAL LOSS TOTALS: LIBERIA

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



HUMAN NATIONAL LOSS TOTALS: LIBERIA

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



FULL COUNTRY ASSESSMENT: LIBERIA

	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	15				
TOTAL			0	0	1	1	5	15				
HABITAT CHANGE												
	-	-	1	20					-1,750	-3,750	150	500
	-	-	1	5								
	+	+	5	50					40	100	25	65
	-	+	50	350					48	39		
	+	+	80	400					30	75		
			1	1								
TOTAL			137	826			0	0				
HEALTH IMPACT												
	-	+			150	200	0					
	+	+			75	150						
	-	+			250	250	0	0				
	+	+			40	25	10	6				
	+	+			90	150	0	0				
TOTAL					605	775	10	7				
INDUSTRY STRESS												
	+	+	15	100								
	-	-	1	25								
TOTAL			16	125								
CLIMATE TOTAL			153	951	605	776	15	22				
ENVIRONMENTAL DISASTERS												
TOTAL			0	0								
HABITAT CHANGE												
	-	+	55	350					3,250	5,000		
TOTAL			55	350								
HEALTH IMPACT												
	+	+			350	750	8	25				
	+	+			5,250	5,250	300	300				
					5	10	1	2				
					1	10	0	0				
TOTAL					5606	6020	309	327				
INDUSTRY STRESS												
			-1	-40								
				1								
TOTAL			-1	-39								
CARBON TOTAL			54	311	5,606	6,020	309	327				

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 (1000s)	
OIL SPILLS	Gallons oil spill (1000s)	
BIODIVERSITY	Decline in biological richness	
WATER	Volume of water to treat (millions m ³)	