

COUNTRY PROFILE

CONGO

CLIMATE: SEVERE **CARBON: ACUTE**

THE MONITOR ASSESSMENT

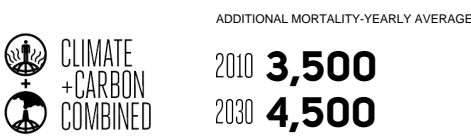
The Climate Vulnerability Monitor provides a comprehensive national-level assessment of vulnerabilities and impact specifically related to contemporary climate change and carbon intensiveness. This 2012 Monitor assessment was commissioned by the Climate Vulnerable Forum and has been independently developed 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: CONGO ADDITIONAL ECONOMIC COSTS (NEGATIVE NUMBERS SHOW POSITIVE EFFECTS) - YEARLY AVERAGE



HUMAN NATIONAL LOSS TOTALS: CONGO ADDITIONAL HUMAN IMPACTS (NEGATIVE NUMBERS SHOW POSITIVE EFFECTS) - YEARLY AVERAGE



FULL COUNTRY ASSESSMENT: CONGO

	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												
DROUGHT	-	+	1	1								
FLOODS AND LANDSLIDES					1	1	6	15				
STORMS												
WILDFIRES												
TOTAL			1	1	1	1	6	15				
HABITAT CHANGE												
BIODIVERSITY	+	+	80	500					-400	-750	150	500
DESERTIFICATION			1	5								
HEATING AND COOLING			5	60					50	100	10	25
LABOUR PRODUCTIVITY	+	+	350	2,500					53	43		
PERMAFROST												
SEA-LEVEL RISE			30	150			0	0	5	5		
WATER			-5	-50						-0		
TOTAL			461	3,165			0	0				
HEALTH IMPACT												
DIARRHEAL INFECTIONS	-	-			80	150	0					
HEAT AND COLD ILLNESSES	+	+			70	100						
HUNGER	+	+			150	200	0	0				
MALARIA AND VECTOR-BORNE	+	+			200	200	55	55				
MENINGITIS	-	-			40	75	0	0				
TOTAL					540	725	55	55				
INDUSTRY STRESS												
AGRICULTURE	+	-	50	350								
FISHERIES			1	20								
FORESTRY			1	20								
HYDRO ENERGY				-1								
TOURISM												
TRANSPORT												
TOTAL			52	389								
CLIMATE TOTAL			512	3,555	540	726	62	70				
ENVIRONMENTAL DISASTERS												
OIL SANDS		+		150						650		
OIL SPILLS												
TOTAL			0	150								
HABITAT CHANGE												
BIODIVERSITY	+	+	1,250	7,250					2,250	5,000		
CORROSION												
WATER			1	1					80	100		
TOTAL			1250.5	7251								
HEALTH IMPACT												
AIR POLLUTION	+	+			1,250	2,250	15	40				
INDOOR SMOKE	+	+			1,750	1,500	75	70				
OCCUPATIONAL HAZARDS	-	-			10	15	2	3				
SKIN CANCER					5	15	0	0				
TOTAL					3015	3780	92	113				
INDUSTRY STRESS												
AGRICULTURE			1	1								
FISHERIES				1								
FORESTRY	+	+	70	300								
TOTAL			70.5	302								
CARBON TOTAL			1,320	7,703	3,015	3,780	92	113				

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)	