

## COUNTRY PROFILE

### DR CONGO

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

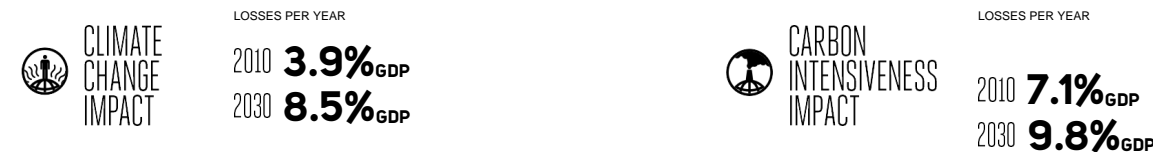
#### THE MONITOR ASSESSMENT

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](http://www.daraint.org/cvm2) - [cvm@daraint.org](mailto:cvm@daraint.org) - +34 915310372

#### ECONOMIC NATIONAL LOSS TOTALS: DR CONGO

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



#### HUMAN NATIONAL LOSS TOTALS: DR CONGO

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



#### FULL COUNTRY ASSESSMENT: DR 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
<b>ENVIRONMENTAL DISASTERS</b>												
DROUGHT	-	+	1	5			90	200				
FLOODS AND LANDSLIDES					1	10	25					
STORMS												
WILDFIRES												
<b>TOTAL</b>			1	6	10	25	90	200				
<b>HABITAT CHANGE</b>												
BIODIVERSITY	+	-	55	350					-20,000	-45,000	150	500
DESERTIFICATION			1	5								
HEATING AND COOLING	-	-	15	150					400	1,000	1	5
LABOUR PRODUCTIVITY	+	+	500	3,250					54	44		
PERMAFROST												
SEA-LEVEL RISE			15	75			0	0	20	50		
WATER			-20	-100					-1	-5		
<b>TOTAL</b>			566	3,730			0	0				
<b>HEALTH IMPACT</b>												
DIARRHEAL INFECTIONS	+	+			3,500	6,500	4					
HEAT AND COLD ILLNESSES	+	+			1,250	2,000						
HUNGER	-	-			4,750	7,500	3	4				
MALARIA AND VECTOR-BORNE	+	+			6,000	5,750	1,500	1,500				
MENINGITIS	+	+			2,000	3,750	3	6				
<b>TOTAL</b>					17,500	25,500	1,510	1,510				
<b>INDUSTRY STRESS</b>												
AGRICULTURE	+	+	60	400								
FISHERIES	-	+	150	1,750								
FORESTRY	+	+	15	150								
HYDRO ENERGY			-5	-30								
TOURISM												
TRANSPORT												
<b>TOTAL</b>			220	2,270								
<b>CLIMATE TOTAL</b>			787	6,006	17,510	25,525	1,600	1,710				
<b>ENVIRONMENTAL DISASTERS</b>												
OIL SANDS												
OIL SPILLS												
<b>TOTAL</b>			0	0								
<b>HABITAT CHANGE</b>												
BIODIVERSITY	-	+	1,000	6,500					3,000	5,000		
CORROSION												
WATER			1	5					1,000	1,500		
<b>TOTAL</b>			1000.75	6505								
<b>HEALTH IMPACT</b>												
AIR POLLUTION	+	-			8,000	15,000	100	300				
INDOOR SMOKE	+	+			75,000	75,000	5,000	4,500				
OCCUPATIONAL HAZARDS					85	150	20	30				
SKIN CANCER					100	350	0	0				
<b>TOTAL</b>					83185	90500	5120	4830				
<b>INDUSTRY STRESS</b>												
AGRICULTURE			-20	-450								
FISHERIES												
FORESTRY	-	-	5	40								
<b>TOTAL</b>			-15	-410								
<b>CARBON TOTAL</b>			985	6,095	83,185	90,500	5,120	4,830				

**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

BIODIVERSITY	OTHER VALUE 1	OTHER VALUE 2
DESERTIFICATION	Contraction of biological zones (km <sup>2</sup> ) (cumulative)	Decline in biological richness
HEATING & COOLING	Change in energy load (GWh)	
LABOUR PRODUCTIVITY	Share of workforce particularly affected (%)	
SEA-LEVEL RISE	Net loss of land (km <sup>2</sup> ) (cumulative)	
WATER	Loss in water runoff 2030 (km <sup>3</sup> )	
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 <sup>3</sup> )	