

COUNTRY PROFILE

ANGOLA

CLIMATE: **ACUTE** 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

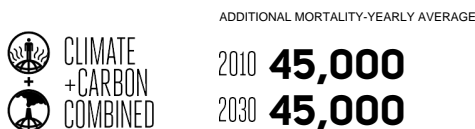
ECONOMIC NATIONAL LOSS TOTALS: ANGOLA

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



HUMAN NATIONAL LOSS TOTALS: ANGOLA

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



FULL COUNTRY ASSESSMENT: ANGOLA

	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	-	+	5	15								
FLOODS AND LANDSLIDES			1	5	1	5	20	45				
STORMS												
WILDFIRES												
TOTAL			5	16	1	5	20	45				
HABITAT CHANGE												
BIODIVERSITY	-	+	400	2,500					-60,000	-100,000	200	550
DESERTIFICATION	-	+	25	150			20	65	1,250	2,500		
HEATING AND COOLING			15	150					95	350	20	75
LABOUR PRODUCTIVITY	+	+	2,500	15,000					52	43		
PERMAFROST												
SEA-LEVEL RISE			100	650			0	0	400	950		
WATER			70	450					1	1		
TOTAL			3,110	18,900			20	65				
HEALTH IMPACT												
DIARRHEAL INFECTIONS	+	+			1,250	1,750	7					
HEAT AND COLD ILLNESSES	-	-			200	300						
HUNGER	+	+			1,750	2,000	0	0				
MALARIA AND VECTOR-BORNE	+	+			150	90	65	35				
MENINGITIS	+	+			500	900	1	2				
TOTAL					3,850	5,040	74	38				
INDUSTRY STRESS												
AGRICULTURE	-	+	150	1,000								
FISHERIES	-	+	80	800								
FORESTRY	+	+	450	4,500								
HYDRO ENERGY			-1	-5								
TOURISM												
TRANSPORT												
TOTAL			680	6,295								
CLIMATE TOTAL			3,794	25,210	3,851	5,045	115	149				
ENVIRONMENTAL DISASTERS												
OIL SANDS				150						600		
OIL SPILLS	+	+	250	850					4,250	4,500		
TOTAL			250	1000								
HABITAT CHANGE												
BIODIVERSITY	+	+	4,500	30,000					2,000	5,000		
CORROSION												
WATER			1	5					150	200		
TOTAL			4501	30005								
HEALTH IMPACT												
AIR POLLUTION	+	-			2,000	4,250	50	150				
INDOOR SMOKE	+	+			35,000	35,000	3,000	3,000				
OCCUPATIONAL HAZARDS					25	40	10	15				
SKIN CANCER					30	95	0	0				
TOTAL					37055	39385	3060	3165				
INDUSTRY STRESS												
AGRICULTURE			-25	-750								
FISHERIES			1	1								
FORESTRY	-	+	25	150								
TOTAL			0.5	-599								
CARBON TOTAL			4,751	30,406	37,055	39,385	3,060	3,165				

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 (km²) (cumulative) Decline in biological richness

DESERTIFICATION Additional land degraded (km²) (cumulative)

HEATING & COOLING Change in energy load (GWh)

LABOUR PRODUCTIVITY Share of workforce particularly affected (%)

SEA-LEVEL RISE Net loss of land (km²) (cumulative)

WATER Loss in water runoff 2030 (km³)

OIL SANDS Tonnes toxic waste ('000s)

OIL SPILLS Gallons oil spill ('000s)

BIODIVERSITY Decline in biological richness

WATER Volume of water to treat (millions m³)