

COUNTRY PROFILE

MAURITANIA

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

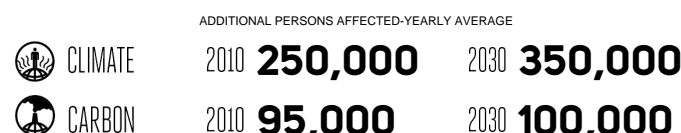
ECONOMIC NATIONAL LOSS TOTALS: MAURITANIA

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



HUMAN NATIONAL LOSS TOTALS: MAURITANIA

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



FULL COUNTRY ASSESSMENT: MAURITANIA

	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	+	+										
FLOODS AND LANDSLIDES	+	+		1		1	2	4				
STORMS	+	+										
WILDFIRES	+	+										
TOTAL			0	1	0	1	2	4				
HABITAT CHANGE												
BIODIVERSITY	+	+	70	450					-15,000	-35,000	250	700
DESERTIFICATION	+	+		1					25	50		
HEATING AND COOLING	+	+	10	70					60	150	40	100
LABOUR PRODUCTIVITY	+	+	200	1,250					30	24		
PERMAFROST	+	+										
SEA-LEVEL RISE	+	+	250	1,500			0	0	350	900		
WATER	+	+	5	40					0	0		
TOTAL			535	3,311			0	0	0	0		
HEALTH IMPACT												
DIARRHEAL INFECTIONS	+	+			100	150	0					
HEAT AND COLD ILLNESSES	+	+			30	45						
HUNGER	+	+			150	150	0	0				
MALARIA AND VECTOR-BORNE	+	+			10	5	3	1				
MENINGITIS	+	+			45	75	0	0				
TOTAL					335	425	3	1				
INDUSTRY STRESS												
AGRICULTURE	+	+	40	250								
FISHERIES	+	+										
FORESTRY	+	+										
HYDRO ENERGY	+	+										
TOURISM	+	+										
TRANSPORT	+	+										
TOTAL			40	250								
CLIMATE TOTAL			575	3,561	335	425	5	6				
ENVIRONMENTAL DISASTERS												
OIL SANDS	+	+										
OIL SPILLS	+	+										
TOTAL			0	0								
HABITAT CHANGE												
BIODIVERSITY	+	+	10	55					30	85		
CORROSION	+	+										
WATER	+	+										
TOTAL			10	55								
HEALTH IMPACT												
AIR POLLUTION	+	+			500	900	8	25				
INDOOR SMOKE	+	+			2,500	2,250	85	75				
OCCUPATIONAL HAZARDS	+	+			5	5	1	2				
SKIN CANCER	+	+			5	10	0	0				
TOTAL					3010	3165	94	102				
INDUSTRY STRESS												
AGRICULTURE	+	+	-5	-100								
FISHERIES	+	+	1	15								
FORESTRY	+	+		1								
TOTAL			-4	-84.5								
CARBON TOTAL			6	-29	3,010	3,165	94	102				

VULNERABILITY LEVELS:

- Acute+ (Red)
- Acute- (Orange)
- Severe+ (Yellow)
- Severe- (Light Green)
- High+ (Dark Green)
- High- (Light Green)
- Moderate (Medium Green)
- Low (Dark Green)

+ = 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)	