CLIMATE VULNERABILITY MONITOR







COUNTRY PROFILE







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: KUWAIT

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



2010 **0.2%**_{GDP}

2030 **0.5%**_{cm}

CARBON INTENSIVENESS

2010 **2.5%**_{GDP} 2030 **2.7%** GDD

ADDITIONAL PERSONS AFFECTED-YEARLY AVERAGE

2010 100,000



HUMAN NATIONAL LOSS TOTALS: KUWAIT

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

ADDITIONAL MORTALITY-YEARLY AVERAGE

CLIMATE +CARBON

2010 400 2030 600 CLIMATE

🔊 CARBON

2010 **7,500**

2030 150,000

2030 15,000

FULL COUNTRY ASSESSMENT: KUWAIT

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Comment 1	+ Acute+ - Acute- + Severe+ - Severe- + = Upper tier of the company of the compan	+ High- - High- Mode Low	rate
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CLIMATE TOTAL 271 2,324 6 10 0 0	ESERTI-	Additional land degraded (km²)	
HE/	ICATION	(cumulative)	
	EATING &	Change in ener	TOLL
ENVIRONMENTAL DISASTERS	OOLING	load (GWh)	99
		Share of	
OIL SPILLS 3.250 15.000 8.250 9.000 LAB	ABOUR	workforce	
TOTAL 3250 15000	RODUCTIVITY	particularly	
HABITAT CHANGE		affected (%)	
PIODIVEDSITY SEA	EA-LEVEL	Net loss of land (km²)	
RIS CORROSION RIS	ISE	(cumulative)	
WATER		Loss in water	
Z TOTAL 0 0	/ATER	runoff 2030 (km³)	
TOTAL		(KITI")	
AIR POLLUTION + 350 500 5 15	IL SANDS	Tonnes toxic	
INDOOR SMOKE		waste (1000s)	
OCCUPATIONAL HAZARDS		Gallons oil	
SKIN CANCER I I U U	IL SPILLS	spill (1000s)	
TOTAL 421 586.75 7 17			
INDUSTRY STRESS	IODIVERSITY	Decline in biological richn	nee
AGRICULTURE -10 -300 FISHERIES 1 5			E33
	/ATER	Volume of	
TOKEOTICI	VALEK	water to treat (millions m³)	
TOTAL -9.5 -295			
CARBON TOTAL 3,241 14,705 421 586 7 17			