

COUNTRY PROFILE

ARMENIA

CLIMATE: **MODERATE**

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

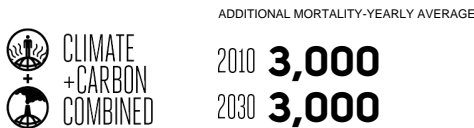
ECONOMIC NATIONAL LOSS TOTALS: ARMENIA

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



HUMAN NATIONAL LOSS TOTALS: ARMENIA

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



FULL COUNTRY ASSESSMENT: ARMENIA

	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												
	+	+	5	25								
	+	-	1	1	1	1	20	25				
TOTAL			5	26	1	1	20	25				
HABITAT CHANGE												
	+	+	35	250					-700	-1,500	70	200
			-25	-150					-200	-300	-20	-40
			5	40					25	19		
	+	+	70	500					0	1		
TOTAL			85	640			0	0				
HEALTH IMPACT												
					1	1	0					
	+	+			75	85						
		-			10	10	0	0				
TOTAL					86	96	0	0				
INDUSTRY STRESS												
			5	45								
				1								
			1	5								
			-1	-15								
TOTAL			5	36								
CLIMATE TOTAL			94	702	87	96	20	25				
ENVIRONMENTAL DISASTERS												
TOTAL			0	0								
HABITAT CHANGE												
			15	85					25	75		
TOTAL			15	85								
HEALTH IMPACT												
	+	+			2,000	2,250	20	30				
	+	+			1,000	950	40	35				
	+	+			30	30	4	4				
TOTAL					3030	3230	64	69				
INDUSTRY STRESS												
			-1	-90								
TOTAL			-1	-90								
CARBON TOTAL			14	-5	3,030	3,230	64	69				

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
 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)