

COUNTRY PROFILE

EL SALVADOR

CLIMATE: **ACUTE** CARBON: **LOW**

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: EL SALVADOR

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



HUMAN NATIONAL LOSS TOTALS: EL SALVADOR

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



FULL COUNTRY ASSESSMENT: EL SALVADOR

	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
CLIMATE												
ENVIRONMENTAL DISASTERS												
DROUGHT	+	+	10	70								
FLOODS AND LANDSLIDES	-	-			1	5	20	30				
STORMS	+	+	250	1,750			0	0				
WILDFIRES												
TOTAL			260	1,821	1	5	20	30				
HABITAT CHANGE												
BIODIVERSITY			15	100					-450	-950	150	500
DESERTIFICATION												
HEATING AND COOLING			20	300					150	600	50	200
LABOUR PRODUCTIVITY	+	+	950	7,500					38	30		
PERMAFROST												
SEA-LEVEL RISE			55	300			0	0	5	15		
WATER	-	+	150	1,000					0			
TOTAL			1,190	9,200			0	0	0			
HEALTH IMPACT												
DIARRHEAL INFECTIONS					0	0	0	0				
HEAT AND COLD ILLNESSES	-	-			55	65						
HUNGER	-	-			75	150	0	0				
MALARIA AND VECTOR-BORNE					1	5	0	2				
MENINGITIS					10	15	0	0				
TOTAL					141	235	1	2				
INDUSTRY STRESS												
AGRICULTURE	-	+	60	500								
FISHERIES			5	85								
FORESTRY			5	75								
HYDRO ENERGY			5	35								
TOURISM												
TRANSPORT												
TOTAL			75	695								
CLIMATE TOTAL			1,525	11,716	142	240	21	32				
CARBON												
ENVIRONMENTAL DISASTERS												
OIL SANDS												
OIL SPILLS												
TOTAL			0	0								
HABITAT CHANGE												
BIODIVERSITY			200	1,250					2,000	5,000		
CORROSION												
WATER												
TOTAL			200	1250								
HEALTH IMPACT												
AIR POLLUTION	-	-			450	600	8	20				
INDOOR SMOKE					700	700	35	35				
OCCUPATIONAL HAZARDS					10	10	2	3				
SKIN CANCER	-	+			40	100	0	0				
TOTAL					1200	1410	46	58				
INDUSTRY STRESS												
AGRICULTURE			-5	-200								
FISHERIES												
FORESTRY						1						
TOTAL			-5	-199								
CARBON TOTAL			195	1,051	1,200	1,410	46	58				

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 (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)	