

COUNTRY PROFILE

BOLIVIA

CLIMATE: **ACUTE** CARBON: **HIGH**

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

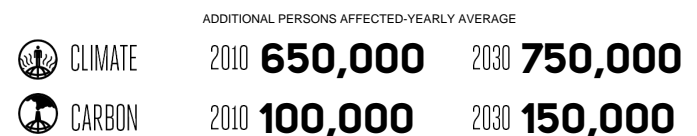
ECONOMIC NATIONAL LOSS TOTALS: BOLIVIA

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



HUMAN NATIONAL LOSS TOTALS: BOLIVIA

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



FULL COUNTRY ASSESSMENT: BOLIVIA

	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	45								
	+	+	30	300	1	1	10	15				
TOTAL			35	345	1	1	10	15				
HABITAT CHANGE												
	+	+	500	4,000					-35,000	-65,000	150	500
			-100	-800					-900	-1,750	-350	-650
			200	1,750					46	36		
	+	+	350	2,500					1	1		
TOTAL			950	7,450			0	0				
HEALTH IMPACT												
	-				80	70	0					
	+	-			100	150						
	+	+			300	650	0	0				
	+	+			60	150	35	70				
	-	-			45	75	0	0				
TOTAL					585	1,095	36	71				
INDUSTRY STRESS												
	-	+	150	1,250								
			5	65								
	+	+	400	4,250								
			-1	-10								
TOTAL			554	5,555								
CLIMATE TOTAL			1,539	13,350	586	1,096	46	86				
ENVIRONMENTAL DISASTERS												
TOTAL			0	0								
HABITAT CHANGE												
	+	+	4,000	30,000					1,250	4,000		
			1	5					55	75		
TOTAL			4000.75	30005								
HEALTH IMPACT												
					5	15	5	15				
	-	-			2,000	2,500	100	150				
					10	15	3	4				
	-	+			25	70	0	0				
TOTAL					2040	2600	109	169				
INDUSTRY STRESS												
			1	-150								
	-	-	15	100								
TOTAL			16	-50								
CARBON TOTAL			4,016	29,955	2,040	2,600	109	169				

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)