

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

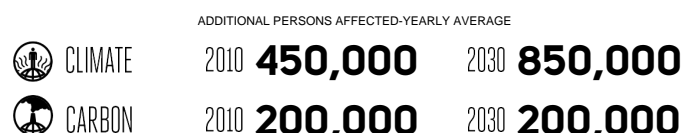
ECONOMIC NATIONAL LOSS TOTALS: TOGO

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



HUMAN NATIONAL LOSS TOTALS: TOGO

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



FULL COUNTRY ASSESSMENT: TOGO

	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	+	+		1								
FLOODS AND LANDSLIDES					1	1	5	9				
STORMS			-1	-10								
WILDFIRES												
TOTAL			-1	-8	1	1	5	9				
HABITAT CHANGE												
BIODIVERSITY		-	5	30					-450	-950	150	500
DESERTIFICATION	+	+	10	45			150	400	1,250	2,500		
HEATING AND COOLING			10	85					70	200	10	30
LABOUR PRODUCTIVITY	-	+	200	1,250					61	50		
PERMAFROST												
SEA-LEVEL RISE			10	55					10	25		
WATER		-	5	30					0	1		
TOTAL			240	1,495			150	400				
HEALTH IMPACT												
DIARRHEAL INFECTIONS	+	+			150	250	0					
HEAT AND COLD ILLNESSES	-	-			55	80						
HUNGER	-	+			250	300	0	0				
MALARIA AND VECTOR-BORNE	-	-			40	25	10	6				
MENINGITIS	-	+			65	100	0	0				
TOTAL					560	765	10	6				
INDUSTRY STRESS												
AGRICULTURE	+	+	55	400								
FISHERIES	-	+	10	150								
FORESTRY		-	1	10								
HYDRO ENERGY				-1								
TOURISM												
TRANSPORT												
TOTAL			66	559								
CLIMATE TOTAL			305	2,046	560	756	165	415				
ENVIRONMENTAL DISASTERS												
OIL SANDS												
OIL SPILLS												
TOTAL			0	0								
HABITAT CHANGE												
BIODIVERSITY		-	45	300					1,750	5,000		
CORROSION												
WATER												
TOTAL			45	300								
HEALTH IMPACT												
AIR POLLUTION	-	+			450	800	15	45				
INDOOR SMOKE	+	+			6,250	5,250	200	150				
OCCUPATIONAL HAZARDS	-	-			10	15	2	4				
SKIN CANCER		-			10	25	0	0				
TOTAL					6,720	6,090	217	199				
INDUSTRY STRESS												
AGRICULTURE			-5	-150								
FISHERIES												
FORESTRY				1								
TOTAL			-5	-149.5								
CARBON TOTAL			40	151	6,720	6,090	217	199				

VULNERABILITY LEVELS:

- Acute+ (Red +)
- Acute- (Red -)
- Severe+ (Orange +)
- Severe- (Orange -)
- High+ (Yellow +)
- High- (Yellow -)
- Moderate (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)	