

COUNTRY PROFILE

CAMBODIA

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

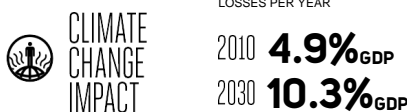
THE MONITOR ASSESSMENT

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: CAMBODIA

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



HUMAN NATIONAL LOSS TOTALS: CAMBODIA

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



FULL COUNTRY ASSESSMENT: CAMBODIA

	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	+	+	5	60								
FLOODS AND LANDSLIDES	+	+	20	200	10	10	65	65				
STORMS												
WILDFIRES												
TOTAL			25	260	10	10	65	65				
HABITAT CHANGE												
BIODIVERSITY	-	+	40	450					-1,500	-3,000	150	500
DESERTIFICATION												
HEATING AND COOLING			25	500					200	850	200	850
LABOUR PRODUCTIVITY	-	+	900	9,250					52	40		
PERMAFROST												
SEA-LEVEL RISE			250	1,750			0	0	20	45		
WATER			-15	-150					-0	-1		
TOTAL			1,200	11,800			0	0				
HEALTH IMPACT												
DIARRHEAL INFECTIONS	-				100	0	0					
HEAT AND COLD ILLNESSES	-	+			100	150						
HUNGER	-				200	300	0	1				
MALARIA AND VECTOR-BORNE	-				90	90	25	30				
MENINGITIS	+	+			100	150	0	0				
TOTAL					590	690	26	31				
INDUSTRY STRESS												
AGRICULTURE	-	+	100	1,500								
FISHERIES	-	+	150	3,000								
FORESTRY	-		10	150								
HYDRO ENERGY												
TOURISM												
TRANSPORT												
TOTAL			260	4,650								
CLIMATE TOTAL			1,485	16,710	600	700	91	96				
ENVIRONMENTAL DISASTERS												
OIL SANDS												
OIL SPILLS												
TOTAL			0	0								
HABITAT CHANGE												
BIODIVERSITY	-	+	300	3,500					1,250	3,750		
CORROSION												
WATER			1	10					250	350		
TOTAL			301	3510								
HEALTH IMPACT												
AIR POLLUTION	-				650	1,500	25	100				
INDOOR SMOKE	+	+			15,000	15,000	450	500				
OCCUPATIONAL HAZARDS					1	1	0	0				
SKIN CANCER	-	+			30	80	0	0				
TOTAL					15680.75	16581	475	600				
INDUSTRY STRESS												
AGRICULTURE			-10	-700								
FISHERIES	+	+	10	50								
FORESTRY	-	+	5	70								
TOTAL			5	-580								
CARBON TOTAL			306	2,930	15,680	16,581	475	600				

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)	