

COUNTRY PROFILE

BOSNIA AND HERZEGOVINA

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

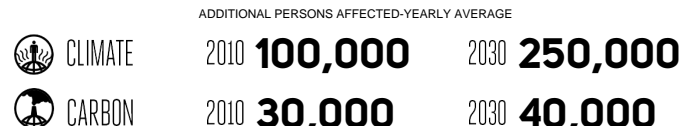
ECONOMIC NATIONAL LOSS TOTALS: BOSNIA AND HERZEGOVINA

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



HUMAN NATIONAL LOSS TOTALS: BOSNIA AND HERZEGOVINA

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



FULL COUNTRY ASSESSMENT: BOSNIA AND HERZEGOVINA

	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	+	+	15	100									
FLOODS AND LANDSLIDES			1	5	1	1	2	2					
STORMS													
WILDFIRES													
TOTAL			16	105	1	1	2	2					
HABITAT CHANGE													
BIODIVERSITY	+	+	70	500					-1,500	-3,000	90	250	
DESERTIFICATION	+	+	65	450			100	250	1,750	3,250			
HEATING AND COOLING			-85	-500					-450	-800	-350	-600	
LABOUR PRODUCTIVITY			1	5					4	4			
PERMAFROST													
SEA-LEVEL RISE			1	5									
WATER	-	-	40	300							0		
TOTAL			92	760			100	250					
HEALTH IMPACT													
DIARRHEAL INFECTIONS					0	0	0	0					
HEAT AND COLD ILLNESSES	+	+			50	85							
HUNGER													
MALARIA AND VECTOR-BORNE													
MENINGITIS													
TOTAL					50	85	0	0					
INDUSTRY STRESS													
AGRICULTURE			10	90									
FISHERIES			1	10									
FORESTRY													
HYDRO ENERGY	+	+	15	100									
TOURISM													
TRANSPORT													
TOTAL			26	205									
CLIMATE TOTAL			132	1,070	50	85	102	252					
ENVIRONMENTAL DISASTERS													
OIL SANDS													
OIL SPILLS													
TOTAL			0	0									
HABITAT CHANGE													
BIODIVERSITY			50	350					70	200			
CORROSION	+	+	1	1									
WATER	-	-	5	25					300	400			
TOTAL			56	376									
HEALTH IMPACT													
AIR POLLUTION	+	+			2,000	2,250	20	30					
INDOOR SMOKE	-	-			750	650	6	5					
OCCUPATIONAL HAZARDS	+	+			25	25	3	3					
SKIN CANCER	-	-			30	60	0	0					
TOTAL					2805	2985	30	39					
INDUSTRY STRESS													
AGRICULTURE	-	-	10	-95									
FISHERIES													
FORESTRY	+	+	45	100									
TOTAL			55	5									
CARBON TOTAL			111	381	2,805	2,985	30	39					

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 (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)