# **CLIMATE VULNERABILITY MONITOR**







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: URUGUAY**

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

CLIMAIE CHANGE

2010 **1.6%**<sub>GDP</sub> 2030 **2.7%**<sub>GDB</sub> CARBON INTENSIVENESS

2010 **0.7%**<sub>GDP</sub> 2030 **1.1%** GDP



## **HUMAN NATIONAL LOSS TOTALS: URUGUAY**

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

ADDITIONAL

ADDITIONAL MORTALITY-YEARLY AVERAGE

CLIMATE +CARBON COMBINED

2010 1,000 2030 1,000 CLIMATE

ADDITIONAL

🔊 CARBON

ADDITIONAL PERSONS AFFECTED-YEARLY AVERAGE

2010 **150,000** 

2030 **250,000** 

2010 **15,000** 2030 **20,000** 

### **FULL COUNTRY ASSESSMENT: URUGUAY**

TOTAL 46 55 0 0  INDUSTRY STRESS  AGRICULTURE 30 250 FISHERIES 30 350 FORESTRY -5 -80 HYDRO ENERGY -5 -20 TOURISM -1 -5 TRANSPORT TOTAL 50 495  TOTAL 46 55 0 0  OTHER VALUE 1  Contraction of biologics of biologic	
Review   R	_
FLOODS AND LANDSLIDES STORMS WILDFIRES TOTAL HABITAT CHANGE BIODIVERSITY DESCRIPTION HEATING AND COOLING LABOUR PRODUCTIVITY DESCRIPTIONS SEA-LEVEL RISE 1.5 500 3,250 0.0 5 10  WATER TOTAL BEALTH IMPACT DIARRHEAL INFECTIONS HEAT AND COLD ILLNESSES HUNGER MALARIA AND VECTOR-BORNE MENNIGRIS TOTAL NOUSTRYS TRESS AGRICULTURE FINE SOURCE FOR ESTRY F	5:
STORMS	jh+
STORMS	ıh-
WILD-IRES	
HABITAT CHANGE BIODIVERSITY	
BIODIVERSITY   200   1,250   -400   -800   100   300   -200   -200   -250   -300   -60   -85   -200   -250   -300   -60   -85   -200   -200   -2	N
DESERTIFICATION	
HEATING AND COOLING LABOUR PRODUCTIVITY 10 75 41 32    PERMAFROST SEA-LEVEL RISE	ility level
LABOUR PRODUCTIVITY  PERMAFROST  SEA-LEVEL RISE  WATER  10 -70  TOTAL  HEALTH IMPACT  DIARRHEAL INFECTIONS  HEAT AND COLD ILLNESSES  AGRICULTURE  FISHERIES  AGRICULTURE  FISHERIES  AGRICULTURE  FISHERIES  AGRICULTURE  FISHERIES  FORESTRY  TOTAL  TOTAL  AGRICULTURE  FISHERIES  FORESTRY  TOURISM  TRANSPORT  TOTAL  TOTAL  TOTAL  TOTAL  AGRICULTURE  TOURISM  TRANSPORT  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  AGRICULTURE  TOURISM  TRANSPORT  TOTAL	ility level
CABOUR FRODE   10	
SEALEVEL RISE	
WATER TOTAL 680 4,455 7 15  Health impact  Figure 1	ers
TOTAL 680 4,455 7 15    Pleatin Impact   Pleatin Impact I	
TOTAL 680 4,455 7 15    HEALTH IMPACT   DIARRHEAL INFECTIONS	
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HUNGER	
MALARIA AND VECTOR-BORNE MENINGITIS  1 5 0 0 TOTAL INDUSTRY STRESS AGRICULTURE FISHERIES - 30 350 FORESTRY HYDRO ENERGY TOURISM TRANSPORT TOTAL 5 495  AGRICULTURE - 30 250 BIODIVERSITY BIODIVERSITY Cumulative Contraction of biologica to cumulative DESERTI- FICATION Cimulative Contraction of biologica to cumulative DESERTI- FICATION Cimulative Contraction of biologica to cumulative Contraction of biologica to cumulative DESERTI- FICATION Cimulative Contraction of biologica to cumulative Contraction of biologica to cumulative TOTAL  DESERTI- FICATION Cimulative Cimula	
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INDUSTRY STRESS	tensiveness
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AGRICULTURE 30 250  FISHERIES 30 350  FORESTRY 5-80  HYDRO ENERGY 5-5-20  TOURISM 1-1-5  TRANSPORT  TOTAL 50 495  VALUE 1  Contraction of biological parts of the	OTHER
FORESTRY -5 -80  HYDRO ENERGY -5 -20  TOURISM -1 -5  TRANSPORT TOTAL 50 495  Contraction Contraction of Discharge Contrac	VALUE 2
FORESTRY	
HYDRO ENERGY	Decline in biological
TOURISM	
TOTAL 50 495	
	)
CLIMATE TOTAL         734         4,995         46         55         9         17         HEATING & Change in	nergy
ENVIRONMENTAL DISASTERS COOLING load (GWIT)	
OIL SPILLS LABOUR workforce	
TOTAL 0 0 0	
HABITAT CHANGE	
BIODIVERSITY 200 1.500 100 400 SEA-LEVEL land (long)	
CORROSION RISE (ambullity)	)
WATER Loss in wal	
TOTAL 200 1500 WATER NUMBER NU	
TOTAL 200 1500   WATER   Output 203   Outp	
AIR POLLUTION + + 650 800 9 15 OIL SANDS TONGES IN SANDS OIL SANDS	
INDOOR SMOKE   350   350   2   2	Js)
OCCUPATIONAL HAZARDS 10 10 1 1	
SKIN CANCER 25 60 0 0 OL SPILLS SAULTS OF SAUL	
TOTAL 1035 1220 12 19	
INDUSTRY STRESS BIODIVERSITY Decline in	
	chness
AGRICULTURE 10 -20 Solution 10 -20 Solution 10 -20 Solution 10 Sol	
FORESTRY 1 WATER water to tre	
TOTAL 11 -9 (millions m	)
CARBON TOTAL 211 1,491 1,035 1,220 12 19	