

The EarthTrends Information Guide for Climate Change



EarthTrends Environmental Information

<http://earthtrends.wri.org>

EarthTrends

is a free, online information tool that focuses on the environmental, social, and economic trends that shape our world. The website offers a comprehensive collection of vital statistics for more than 200 countries drawn from over 40 internationally recognized statistical agencies, as well as WRI-generated maps, graphics, and analyses.

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Climate change may be the greatest global environmental threat currently facing people and ecosystems. It is largely due to human activities, particularly the burning of fossil fuels, which have caused a dramatic increase in atmospheric concentrations of heat-trapping "greenhouse" gases such as carbon dioxide and methane. As a result, global temperature continues to rise, hence, global warming.

The diverse effects of climate change are already observable in many physical and biological systems. Unless individuals, industries, and governments drastically alter their actions, climate change may result in increased storm frequency, prolonged droughts, mass species extinctions, rapid sea level rise, and disease outbreaks. To properly address climate change will require technological-, economic-, and policy-based solutions as well as a change in societal decision-making.

Find the following **Climate Change Information** and much more on **EarthTrends**.

SEARCHABLE DATABASE

[http://earthtrends.wri.org/searchable_db/index.php?theme=3]

CO2 : Emissions per capita; residential emissions per capita

CO2 : Total emissions

CO2 Emissions by Source: CO2 emissions from solid, liquid, and gaseous fuels

CO2 Intensity: CO2 emissions per GDP

Global gas concentrations: CO2; Methane; Nitrous Oxide

Greenhouse Gas Emissions: Methane; Nitrous Oxide; Flourinated Gases

MAPS

[http://earthtrends.wri.org/maps_spatial/index.php?theme=3]

Carbon Emissions Per Capita

Historic Carbon Dioxide Emissions from Fossil Fuel Combustion, 1900-1999

Net Flux of Carbon to the Atmosphere from Land-Use Change

Signatories to the Kyoto Protocol

FEATURE ARTICLES

[<http://earthtrends.wri.org/features/index.php?theme=3>]

Accounting for Business Greenhouse Gas Emissions

Carbon Sequestration Projects in Africa: Potential Benefits and Challenges to Scaling Up

Climate Protection in a Disparate World

Financing Carbon: Export Credit Agencies and Climate Change

Mobilizing an Investment Framework for Clean Energy

Will the Kyoto Protocol Drive Industry to Developing Countries?

DATA TABLES

[<http://earthtrends.wri.org/datatables/index.php?theme=3>]

Carbon Dioxide Emissions by Economic Sector

Carbon Dioxide Emissions by Source

Global Climate Trends

LINKS

World Resources Institute – Climate, Energy, & Transport [<http://www.wri.org/climate/>]

Climate Analysis Indicators Tool (CAIT) [<http://cait.wri.org>]

United Nations Framework Convention on Climate Change [<http://unfccc.int>]

Intergovernmental Panel on Climate Change [<http://www.ipcc.ch>]

Carbon Dioxide Information Analysis Center (CDIAC) [<http://cdiac.esd.ornl.gov/>]