

# Climate Change Literacy as a Driver for Change in the Americas



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Public Discussion Forum on Energy and Climate Change Education, OAS, January 2014

# Capacity Building and Access to Information: Key to Address Climate Change Challenges

## Public Access to Information

- Central information hubs
- Reaching wide range of users

## Awareness Raising (*Call for Action*)

- Urgency of the problem
- Availability of solutions to “de-carbonize” the economy and build climate resilience
- Individual Action → change behavior

## Climate Change Readiness

- Develop Climate Action Plans
- LEDS and Climate Resilience Strategies
- Mobilize Climate Finance
- Monitoring and Reporting

# Public Access to Information

## WHY A PORTAL?

The successful integration of the scientific information in decision making often depends on the use of flexible frameworks and tools that can provide comprehensible information to a wide range of users.

The Portal provides a common platform to quickly access, synthesize and analyze information for those working on climate change.

The screenshot shows the top navigation bar of the Climate Change Knowledge Portal. It includes the World Bank Group logo, the title "Climate Change Knowledge Portal", and the subtitle "For Development Practitioners and Policy Makers". There is a search bar with a "GO" button and a breadcrumb trail "You Are Here: Home". A dropdown menu for "Select a Country or Territory" is visible. The main content area features a world map and introductory text: "The Climate Change Knowledge Portal (CCKP) Beta is a central hub of information, data and reports about climate change around the world. Here you can query, map, compare, chart and summarize key information. [Read More](#)" and a "Get started >" link. Below this are three featured sections: "WORLD BANK FINANCED ACTIVITIES" with an "Explore" button, "DEVELOPMENT AND CLIMATE IMPACT MAPS" with a "Learn More" button, and "CLIMATE ADAPTATION COUNTRY PROFILES" with a "Learn More" button. Each section includes a small thumbnail image and a brief description of the content.

Users are able to evaluate climate-related data at multiple levels of details.

# Public Access to Information

## KEY COMPONENTS OF THE PORTAL INCLUDE

The Climate Change Knowledge Portal (CKKP) is a central hub of information, data and reports about climate change around the world. Here you can query, map, compare, share and summarize key climate and development information. [Read More](#)

Click on an area of the map to get started >

Disclaimer

**DOWNLOADED CLIMATE DATA** **WORLD BANK FINANCED ACTIVITIES** **DEVELOPMENT AND CLIMATE IMPACT DATA** **WORLDWIDE ADAPTATION COUNTRY PROFILES**

Explore the downloaded data. The data information can be extracted from the existing data including changes in water availability, food and drought stress, sea-level changes, crop yields, forest mortality, and more.

Monitor and track more about World Bank Financed Activities and Projects.

Explore and use a selection of development, sustainability and green-related resources (see details).

Climate Adaptation Country Profiles provide a quick reference source for development practitioners to better integrate climate resilience into development planning and operations.

**ABOUT THIS SITE**

- Why a Climate Change Knowledge Portal
- User's Guide
- Contact

**OTHER CLIMATE DATA SOURCES**

- IPCC Data Distribution Center
- ESDAC
- NOAA/Oceans Services
- CMIP Climate Models
- 90 Countries
- University of East Anglia
- IMD Climate Profiles
- ESDASIP
- International Partnership on Migration Adaptation

**ADAPTATION TOOLS**

Knowledge Sharing and Reference

- Adaptation Learning and Reference
- Climate Knowledge Integration (CKI)
- UNEP Adaptation Knowledge Exchange

**TOOLS**

- CCAF Climate Compliance Development
- UK COP Adaptation Model (CAM)
- Integrate for Energy Adaptation (IEA)
- Others
- Climate Resilience Index

**MITIGATION RESOURCES**

Mitigation Data Sources

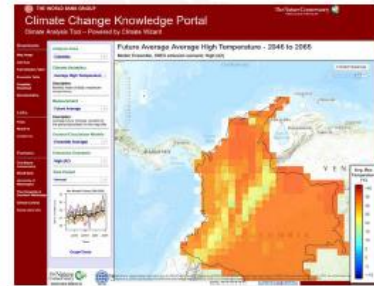
- WRI-CATI
- USA Policies and Measures Evaluation
- Technology Needs Assessment (TNA) Project
- UNEP Climate Change Mitigation
- Sustainable Energy Advisory Facility (SEAF)
- UNEP RESTORE Energy
- Center for Climate and Energy Policy
- Others
- Climate Resilience



**1**

**Rapid Risk Screening**

- Multiple sources of climate relevant information
- Climate historical variability and trends
- Information on development and climate vulnerability



**2**

**Custom Analysis**

- Download data extracted by pre-defined or user-defined region
- Evaluate and compare sector relevant climate statistics
- Access more than 50 country adaptation and risk reduction profiles

**Climate Change Knowledge Portal**  
For Development Practitioners and Policy Makers

Download Data

Download Data

Year	Variable	Unit	Download
2000	Annual Average	mm	Download
2001	Annual Average	mm	Download
2002	Annual Average	mm	Download
2003	Annual Average	mm	Download
2004	Annual Average	mm	Download
2005	Annual Average	mm	Download
2006	Annual Average	mm	Download
2007	Annual Average	mm	Download
2008	Annual Average	mm	Download
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2024	Annual Average	mm	Download
2025	Annual Average	mm	Download
2026	Annual Average	mm	Download
2027	Annual Average	mm	Download
2028	Annual Average	mm	Download
2029	Annual Average	mm	Download
2030	Annual Average	mm	Download

**3**

**Download site**

- Download daily information by year or time period
- Use in impact models and other relevant applications

# Climate Change Readiness: Specialized Training


E-LEARNING COURSES

## Climate Change

**e**institute  
for development



World Bank  
Institute



### ESSENTIALS OF CLIMATE CHANGE

- Fundamentals of Climate Change
- Economics of Climate Change
- Social Dimensions of Climate Change
- Cities and Climate Change Leadership
- CDM and Joint Implementation: Navigating the Kyoto Project-Based Mechanisms
- CDM PoA: Challenges and Opportunities



### LOW EMISSIONS DEVELOPMENT PLANNING AND FINANCING

- Low Carbon Development: Planning and Modelling
- Investment Planning Towards Low-Carbon, Climate-Resilient Development
- Economics of Climate-Resilient Development
- Emissions Trading Schemes: Using Markets to Support Low Emissions Development
- Climate Finance
- Policies for Low Emissions Development: From Strategy Design to Implementation



### SUSTAINABLE ENERGY

- Saving Energy through Energy Savings Performance Contracts
- Energy Efficiency in Public Buildings
- TRACE: Tool for Rapid Assessment of City Energy
- Energy Sector Strategies to Support Green Growth



### CLIMATE-SMART AGRICULTURE IN LANDSCAPE MANAGEMENT

- Climate-Smart Agriculture through Sustainable Land-Water Management
- Sustainable Agricultural Land Management Projects:
  - Soil Carbon Monitoring
- Water Footprint: Concept and Application
- Managing Irrigation Water with Public-Private Partnerships
- Carbon Monitoring in CDM Afforestation/Reforestation Projects

# Climate Change Readiness: South- South Collaboration



**LAC LEDES Network:** Launched in Alajuela, Costa Rica (Nov 2012), followed by webinar series on LEDES for the Spanish-speaking LEDES community and a web-based open community of practice to promote information sharing, networking and online collaboration among Latin American LEDES practitioners and policymakers



**LAC Forum:** Annual event that brings together a range of private and public sector stakeholders to explore solutions for mobilizing climate finance and to discuss alternative pathways to low carbon development in the region



**Caribbean Regional NAMA:** Regional “opt in” NAMA framework for deployment of renewable energy technology (concentrated or distributed)