

Please note that this presentation was given during the United Nations Climate Change Conference (COP-15) in Copenhagen, December 7-18, 2009 for more information please visit

<http://www.cop15.state.gov/>



Three Adaptation Web Platforms: Contributions from U.S. Universities and Research Institutes

Presented by:

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- Plaid enables searching of development aid data
 - Contains data on bilateral and multilateral donors
 - Details for existing project including project documents, descriptions and co-financiers
- Coded NAPA, OECD, and DFID projects for climate
 - Coded using 19 categories from existing tools and classification
 - Overall, 95% are development, 5% are climate adaptation
- In March 2010, Plaid is joining with Development Gateway to become AidData

Donors and organizations tracked by PLAID. PLAID has identified 65 countries that provide development information. Currently we have data from 39 of them. Additionally, PLAID has data from 41 multilateral institutions that provide development finance. We indicate where PLAID 1.6 data differs from CRS data with yellow highlights below.

Donors	CRS Coverage	PLAID 1.6 Coverage	Bilateral Donors	CRS Coverage	PLAID 1.6 Coverage
Development Bank	1973-2007	1970-2007	Australia	1973-2007	1973-2007
Development Bank Nigerian Trust Fund	-	1976-2005	Austria	1974-2007	1974-2007
Development Fund	1978-2007	1974-2007	Belgium	1973-2007	1973-2007
Social and Economic Development	-	1973-2007	Brazil	-	1997-2009
Development Bank	1973-2007	1973-2007	Canada	1973-2007	1973-2007
Development Fund	1977-2007	1977-2007	Columbia	-	2006-2008
Economic Development in Africa	-	1975-2007	Denmark	1973-2007	1973-2007
Development Bank	-	1970-2008	Estonia	-	2000-2009
Emergency Response Fund	-	2006-2008	Finland	1974-2007	1974-2007
Fund for Reconstruction and Development	-	1991-2007	France	1973-2007	1973-2007
Communities	1973-2007	1973-2007	Germany	1973-2007	1973-2007
Culture Organization	2007	2007	Greece	2002-2007	2002-2007
Initiative	2004	2004	Hungary	-	2003-2009
Development Facility	-	1991-2009	Ireland	2000-2007	2000-2007
For AIDS, Tuberculosis and Malaria	2002-2007	2002-2009	Italy	1973-2007	1973-2007
Development Bank	1973-2007	1970-2007	Japan	1973-2007	1973-2007
Fund for Agricultural Development	1978-2007	1978-2007	Korea	2006-2007	1991-2007
Monetary Fund	2007	1981-2009	Kuwait Fund	-	1962-2007
Development Bank	-	1976-2009	Latvia	-	2005-2008
Global Fund	-	1992-2006	Liechtenstein	-	2004-2009
International Development Bank	-	1996-2008	Lithuania	-	2007-2008
Development Fund	-	2000-2006	Luxembourg	1989-2007	1989-2007
For Petroleum Exporting Countries	-	1976-2007	Netherlands	1973-2007	1973-2007
	-	2007	New Zealand	1974-2007	1974-2007
	-	2007	Norway	1973-2007	1973-2007
	2001-2007	2001-2007	Poland	-	2004-2007
Development Fund	-	2006-2007	Portugal	1983-2007	1983-2007
Development Programme	1999-2007	1999-2007	Qatar	-	2007
Development Fund (UNFPA)	2001-2007	2001-2007	Saudi Arabia	-	1975-2005
	2000-2007	2000-2007	Slovakia	-	2004-2006
Organization	2007	2007	South Africa	-	2005-2007
Carbon Offset Fund	-	2000-2009	Spain	1988-2007	1988-2007
Climate Change Reduction Facility	-	1990-2009	Sweden	1973-2007	1973-2007
Guarantee	-	1994-2007	Switzerland	1973-2007	1973-2007
Global Infrastructure Development Fund	1973-2007	1947-2009	Taiwan	-	1986-2009
Global Infrastructure Development Fund	1973-2007	1961-2009	Thailand	-	2007
Global Infrastructure Development Fund	-	1980-2002	United Arab Emirates	-	1974-2009
Managed Trust Fund	-	1995-2009	United Kingdom	1973-2007	1973-2007
Global Infrastructure Development Trust Fund	-	1994-2008	United States	1973-2007	1973-2007
Special Financing	-	1994-2009			
Unspecified	-	1970-1998			

Improving the Breadth and Depth of Development Finance Information:

- Add bilateral donors
- Add multilateral donors
- Move beyond ODA
- Add additional years of data for existing donors
- Add more detail for existing project records
- +Documents
- +Descriptions
- +Co-financiers

AidData Interface

AidData Fictional Data

Project Search Community About Us Contact Us

Select [Advanced Search](#)

Welcome to AidData
AidData is the largest online directory of development activities. This inventory offers a quick overview of who is doing what in international development, where they are doing it, and with what funds.

Browse by:

Top Donors	Top Recipients
United States (28825)	Nigeria (1936)
Japan (26007)	Vietnam (3717)
Germany (19348)	Philippines (3006)
United Kingdom (2148)	India (4866)
Netherlands (304)	Malawi (1984)
Italy (7769)	Romania (614)
Canada (3427)	Bangladesh (2164)
See All Donors	See All Recipients

Top Sectors

- [Education](#) (28129)
- [Health](#) (16490)
- [Agriculture](#) (12297)
- [Banking and Financial Service](#) (3078)
- [Information and Communication Technology](#) (3078)
- [Water Supply and Sanitation](#) (7193)
- [See All Sectors](#)

Date Range: July 2006 - June 2009 [Historical](#) | [Current](#) | [Forward looking](#)

2005 2006 2007 2008 2009

AidData
TRACKING DEVELOPMENT FINANCE

AidData searching starts with a global perspective

Users then select the region or country of interest

Track Aggregate and Project Funding

The screenshot shows the AidData website interface. At the top left is the AidData logo with the text "Fictional Data". Navigation links include "Project Search", "Community", "About Us", and "Contact Us". Below the navigation is a search bar with "Select Criteria" and "Search" buttons, and a link to "Advanced Search".

The main content area features a world map on the left and a list of funding flows on the right. The "View as:" dropdown is set to "Donor" and "Recipient". The "Canada" section is highlighted, and the "Projects View" button is circled in red. The list of flows includes:

- 2008 Canada -> Ghana (130)**
Commitment: \$123,000,000 Disbursement: \$126,000,000
Sectors: Industrial policy and management, Road infrastructure.
- 2008 Canada -> Somalia (30)**
Commitment: \$325,000,000 Disbursement: \$298,000,000
Sectors: Emergency responses, Disaster prevention.
- 2008 Canada -> Vietnam (45)**
Commitment: \$254,000,000 Disbursement: \$231,000,000
Sectors: Basic Health, Transport & Storage
- 2007 Canada -> Ghana (97)**
Commitment: \$177,000,000 Disbursement: \$134,000,000
Sectors: Banking & financial services, Communications
- 2007 Canada -> Afghanistan (50)**
Commitment: \$423,000,000 Disbursement: \$376,000,000

At the bottom, there is a "Date Range" selector for "July 2006 - June 2009" with options for "Historical", "Current", and "Forward looking". A timeline bar shows years from 2005 to 2009. Logos for OECD, ZUNIA, and dgMarket are visible at the bottom right.

View aggregate financial flows or individual projects

Some countries give and receive aid. AidData provides an easy way to view these flows.

Project Level Information

AidData Fictional Data

Project Search Community About Us Contact Us

Select [Advanced Search](#)

View as: Donor Recipient

United States -> Mexico

[Home > Recipients > Mexico > All Projects >](#) [Download](#)

Aggregate Financial Flows **Projects View**

2007 Mexico Agriculture DLP [Project Detail](#)

Donor: United States Recipient: Mexico
Commitment: \$123,000,000 Disbursement: \$126,000,000
Sectors: Industrial policy and management, Road infrastructure.

2007 Natural Resources and Environment [Project Detail](#)

Donor: United States Recipient: Mexico
Commitment: \$325,000,000 Disbursement: \$298,000,000
Sectors: Emergency responses, Disaster prevention.

2007 Mexico Agriculture DPL [Project Detail](#)

Donor: United States Recipient: Mexico
Commitment: \$254,000,000 Disbursement: \$231,000,000
Sectors: Basic Health, Transport & Storage

2007 Transport Sector Project [Project Detail](#)

Donor: United States Recipient: Mexico
Commitment: \$177,000,000 Disbursement: \$134,000,000
Sectors: Banking & financial services, Communications

Page: 1 2 3 ... 20

Date Range: July 2006 - June 2009 [Historical](#) | [Current](#) | [Forward looking](#)

2005 2006 2007 2008 2009

Mexico Agriculture DLP
Canada -> Ghana
Commitment: \$123,000,000
Disbursement: \$126,000,000
Sectors: Basic Health, Transport & Storage

On Budget Off Budget

OECD UNICEF ZUNIA dgMarket

View projects by sector(s)

Future Functions of AidData

The screenshot displays the AidData website interface. At the top, the logo 'AidData Fictional Data' is on the left, and navigation links 'Project Search', 'Community', 'About Us', and 'Contact Us' are on the right. Below the header is a search bar with a dropdown menu labeled 'Select Criteria', a search button, and a link to 'Advanced Search'. The main content area is split into two columns. The left column features a map of West Africa with Ghana highlighted in yellow. A tooltip for 'Ghana Agriculture DLP' is visible, showing details: 'United States -> Ghana', 'Commitment: \$413,000,000', 'Disbursement: \$386,000,000', and 'Sectors: Basic Health, Transport & Storage'. A legend at the bottom of the map indicates 'On Budget' (purple pin) and 'Off Budget' (red pin). The right column displays project details for the 'Natural Rural Growth Program', including donor and recipient information, commitment and disbursement amounts, sectors, and budget details. At the bottom of the page, there is a date range selector for 'July 2006 - June 2009' and a timeline visualization showing data from 2005 to 2009. Logos for OECD, ZUNIA, and dgMarket are also present.

- 1) Hovering over a pin on map will give detailed information projects
- 2) Option to view only projects designated as climate change adaptation

ADAPTATION ATLAS

Free application that enables users to dynamically generate maps of climate impacts and adaptation activities

The screenshot shows the Adaptation Atlas website. At the top, the logo "ADAPTATION ATLAS" is displayed in blue and green, with the tagline "Resources for the Future" below it. To the right, there are links for "Log in | Register" and a search bar. Below the logo is a navigation menu with tabs for "HOME", "MY ATLAS", "RESOURCES", "DATA", "MAP", "ABOUT", and "HELP". A row of seven small images illustrates various climate-related topics: a wind turbine, a person with a spear, people in a field, a globe, a boat, people with a dog, and a basket of corn. The main content area features a "Welcome to the Global Adaptation Atlas" section with introductory text and a "People Flooded in 2100, in 1000s, Vafeidis 2008" map of Central America. The map shows projected flooding levels in orange and red, with labels for Guatemala, Honduras, El Salvador, Nicaragua, Managua, Lake Managua, Costa Rica, and San Jose. Below the map is a search box for "Explore Your Location" with a "Go" button. At the bottom, five icons represent different adaptation projects: a water drop for "Increasing the Resilience of Tropical Hillside Communities through Forest...", a green plant for "Mainstreaming Adaptation to Climate Change into Water Resources Management...", a red heart for "Strengthening Community-Based Adaptation to Climate-Sensitive Malaria In...", a mountain for "The Implementation of Adaptation Measures in Coastal Zones Project", and a boat for "Friends of the Reef".

ADAPTATION ATLAS Resources for the Future

Log in | Register

powered by Search

HOME MY ATLAS RESOURCES DATA MAP ABOUT HELP

Welcome to the Global Adaptation Atlas

The Adaptation Atlas is a dynamic mapping tool, developed by Resources for the Future, in collaboration with a diverse network of partners.

As adaptation is both a global and a local problem affecting populations and ecosystems around the world, it is natural that responses will be sector-, site-, and population-specific. Success depends on site-specific attention and effective large-scale real-time coordination of impacts and actions. Without this, we run the risk of investing in adaptation measures that could undercut one another.

To address the unique challenges of collecting, managing and evaluating the information needed for successful adaptation, we created the Global Adaptation Atlas. The Atlas brings together diverse sets of data on the human impacts of climate change and adaptation activities across the themes of food, water, land, health and livelihood to help researchers, policymakers, planners and citizens to establish priorities for action on adaptation.

If this is your first time on our site, please view our [tutorial](#) on how to use the application. Alternatively, use our [Map Wizard](#) to guide you through our map explorer. You can also browse our entire collection of data in our [data explorer](#).

Sign up for a My Atlas account today— and start receiving updates on newly added Impact data and activities. Check out other features that a My Atlas account offers [here](#).

To learn more about the initiative and our team, visit the [About Us](#) section.

People Flooded in 2100, in 1000s, Vafeidis 2008

Explore Your Location
Enter a country you would like to explore
Select a Country

Increasing the Resilience of Tropical Hillside Communities through Forest...

Mainstreaming Adaptation to Climate Change into Water Resources Management...

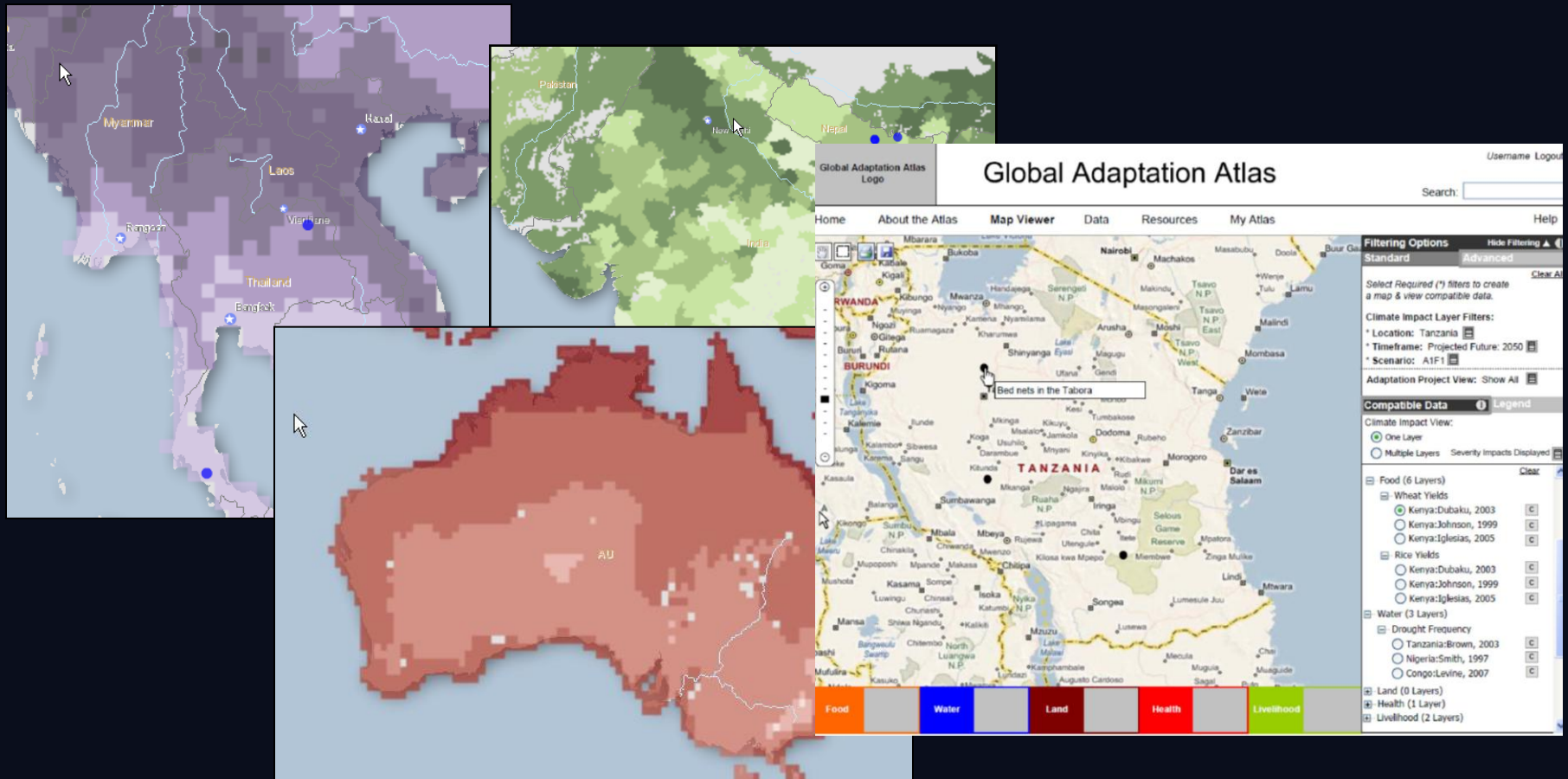
Strengthening Community-Based Adaptation to Climate-Sensitive Malaria In...

The Implementation of Adaptation Measures in Coastal Zones Project

Friends of the Reef

View Climate Maps and Projections

Database of impacts from peer reviewed climate studies. Can be viewed by location, timeframe, and scenario and overlay resulting data across sectors



View Adaptation Activities

Detail pages give more information on selected adaptation activities

Autumn/winter irrigation as an adaptive mechanism for efficient use of water resources in Southern Kazakhstan Details

Activity Type: Project
Status: Ongoing
Funding Source: UNDP & GEF
Location: Sadu Shakirov


Start Date: 1/3/2009 **Duration (years):** 2
Total Funding: \$45,286

Description: The project will implement new systems of irrigation – during the autumn and winter – in pilot sites, to demonstrate the effectiveness of this technique, and promote its replication by neighbouring ranchers. Essentially, irrigation in Autumn and Winter – the periods of the year with average temperatures below zero – replicates the same effect of snowfall, which is declining. Water delivered to pastures during these seasons melts and promotes grass growth during the spring thaw. In addition to benefits to the local community, the project will publish a short booklet, aimed at facilitating replication in areas facing similar challenges.

[Project Website](#)

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Status Icon Water Icon



Caption: Broken down irrigation infrastructure in Sadu Shakirov Village, Kazakhstan. This CBA project will rehabilitate the local system of canals, in order to enable cold-season irrigation as a means of sustainably managing water and pastures in the face of climate change.

Save Project to My Atlas
About this dataset



Climate-Ready is a free, interactive web tool designed to help cities prepare for the impacts of climate change. Climate-Ready:

- Provides users with information about locally relevant adaptation activities, options, and tradeoffs
- Is based on content written by partners who are adaptation experts
- Was developed with input from cities around the world



Climate-Ready Interface

Login



Welcome to Climate-Ready!

Climate-Ready is designed to help you prepare your city for the impacts of climate change. To learn more about climate adaptation and how to use Climate-Ready, go to the [Basics](#) page.



FEATURES & INFORMATION

Featured Case Study
Community approaches to planning for water scarcity in Ghana

Featured New User
Durban has joined the Climate-Ready community. Learn about some of their planning innovations and challenges.

Featured Activities

- Improving bio-corridors
- Natural ventilation
- Relocating municipal functions

New Climate-Ready Functions
Learn about new functions that can support your climate adaptation planning efforts.

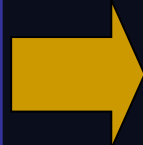
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Plan Function: Interactive Means to Identify Relevant Adaptation Activities

Successive screens allow user to hone in on specific area of interest

The screenshot shows the 'CLIMATE-READY' website with the 'PLAN' tab selected. The 'PLAN / SECTOR' section contains a list of sectors for selection:

- Administration and Governance
- Culture and Historic Preservation
- Economic Development
- Emergency Services and Management
- Energy and Power
- Environmental Management
- Health
- Housing and Settlements
- Human and Social Services
- Information Technology
- Natural Resources
- Parks and Recreation
- Solid Waste
- Stormwater and Drainage
- Transportation
- Urban Agriculture
- Urban Planning
- Wastewater
- Water



The screenshot shows the 'CLIMATE-READY' website with the 'WATER' section selected. The 'WATER' section contains a list of topics for selection:

- Availability
- Capture and reuse
- Distribution
- Maintenance
- Storage
- System expansion / development
- Treatment



Initial output is a list of adaptation measures, organized by projected cost and effort.

The screenshot shows the 'CLIMATE-READY' website with the 'WATER > MAINTENANCE > PIPES' section selected. The 'Engage / Educate' section contains a list of measures:

- Contractor training

The 'Modify Routines' section contains a list of measures:

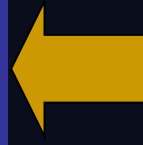
- Fire hydrant placement
- Repair leaks
- Connect intersecting pipes

The 'Enhance Activities and Policy Initiatives' section contains a list of measures:

- Upgrade new pipe materials
- Pressure management

The 'Investments' section contains a list of measures:

- Replace materials in existing pipes
- Flexible infrastructure



The screenshot shows the 'CLIMATE-READY' website with the 'WATER > MAINTENANCE' section selected. The 'WATER > MAINTENANCE' section contains a list of topics for selection:

- Availability
- Capture and reuse
- Distribution
- Maintenance
- Storage
- System expansion / development
- Treatment

The 'Pipes' section contains a list of measures:

- Treatment facilities
- Reservoirs
- Transmission
- Water towers

Activity Profiles

Each item in output list links to a detailed activity description

Initial output remains visible so can navigate between activities

The screenshot shows the 'CLIMATE-READY' website interface. At the top right, there is a login section with fields for 'Username' and 'Password'. Below the logo, there are three navigation tabs: 'BASICS', 'PLAN', and 'RESOURCES'. The main content area is titled 'PLAN / SECTOR' and features a vertical list of activity categories: 'Engage / Educate' (with 'Contractor training'), 'Modify Routines' (with 'Fire hydrant placement', 'Repair leaks', and 'Connect intersecting pipes'), 'Enhance Activities & Policy Initiatives' (with 'Upgrade new pipe materials' and 'Pressure management'), and 'Investments' (with 'Replace materials in existing pipes' and 'Flexible infrastructure'). To the right of this list, a text box explains that each activity profile contains: 'Activity description' (with sub-points for 'Overview', 'Adaptive features', and 'Implementation'), 'Departmental coordination required', 'Tradeoffs and co-benefits', 'Financial issues', 'Mini-cases' (with sub-points for 'Experiences of cities using activity' and 'How cities funded activity'), and 'Icons to indicate projected cost, labor, time, political support required, and resilience'. The footer includes copyright information for 2009 Camp Dresser & McKee, Inc., and links for 'About | Sponsors | Acknowledgement | Contacts | Terms of Use | Privacy Policy'. The CDM and MIT logos are also present.

Dedicated Workspace

The screenshot shows the 'Climate-Ready' workspace interface. At the top left is the logo with the text 'CLIMATE-READY HELPING CITIES ADAPT TO A CHANGING CLIMATE'. To the right are three image-based tabs: 'BASICS', 'PLAN', and 'RESOURCES'. Below these is a navigation bar with links: 'Workspace Home | My Activities | Group Options | Selected Activities | Manage Groups | My Profile'. The main content area is titled 'WORKSPACE' and contains two main sections: 'MY ADAPTATION ACTIVITIES' and 'GROUP ADAPTATION ACTIVITIES'. Under 'MY ADAPTATION ACTIVITIES', there is a sub-section 'All Activities' with a list of tasks: 'Connect intersecting pipes', 'Upgrade new pipe materials', 'Repair leaks', and 'Contractor training'. Under 'GROUP ADAPTATION ACTIVITIES', there are two columns: 'PROPOSED GROUP ACTIVITIES' and 'SELECTED GROUP ACTIVITIES'. The 'PROPOSED' column contains the text 'Select Group or Click Here to Create New Group'. At the bottom of the workspace is a search bar with the text 'Enter Search Term' and a 'SEARCH' button.

Welcome .

WORKSPACE

MY ADAPTATION ACTIVITIES

All Activities

Connect intersecting pipes
Upgrade new pipe materials
Repair leaks

Contractor training

GROUP ADAPTATION ACTIVITIES

PROPOSED GROUP ACTIVITIES

Select Group or Click Here to Create New Group

SELECTED GROUP ACTIVITIES

Enter Search Term

SEARCH

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CDM | MIT

Logged-in users have access to functions that allow them to:

Create and manage groups

Organize saved activities

Propose activities and collaboratively plan

Manage and monitor adaptation activities; Generate charts and reports

Envisioning the Future

- Through coordinated efforts, we are building practical tools that also provide a basis for scholarly research and policy learning.
- The Adaptation Atlas integrates data from PLAID/AidData and Climate-Ready. This enables visualization of climate impacts, funding, and adaptation initiatives at the city scale
- As more adaptation data is entered into PLAID/AidData it is possible to learn whether high climate impact issues are being funded
- As cities use Climate-Ready, it will be possible to determine
 - Whether they are planning according to projected impacts
 - Whether activities planned by cities are being funded

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