INTERMOUNTAIN WEST CLIMATE SUMMARY

The Colorado Climate Preparedness Project (CCPP) Database: A catalog of resources and capacity for climate adaptation

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The recently completed Colorado Climate Preparedness Project (CCPP) produced two main deliverables: a report (see the Feature Article in this month's IWCS) and a database. The database (http://www.coloadaptationprofile.org) provides a searchable, linked compilation of organizations, people, projects, and products related to climate adaptation efforts in Colorado.

The project team populated the database with relevant documents and reports, and information from those documents and from the interviews that were conducted for the report. The database was designed to have "wiki" functionality that allows registered users—individuals who have been entered in the "People" section of the database by the project team or upon request by contacting WWA (wwa@noaa.gov)—to edit existing content and add new content. Such users can add new products, projects, or organizations linked to their entry in the "People" section, as well as highlight and comment on other elements throughout the site. Alternatively, anyone can send a request to wwa@noaa.gov to add relevant information to the database. This will allow the database to evolve to meet user needs.

The four sections, which are fully cross-linked, are described below:

Organizations: Entities actively involved in climate adaptation or related efforts, such as drought planning. These include state and federal agencies, NGOs such as the Rocky Mountain Climate Organization, quasi-governmental organizations such as the Western Gov-ernors' Association, university programs relevant to one of the five sectors examined by the CCPP, and consulting firms that have authored major reports. There are currently 129 items in the "Organizations" section.

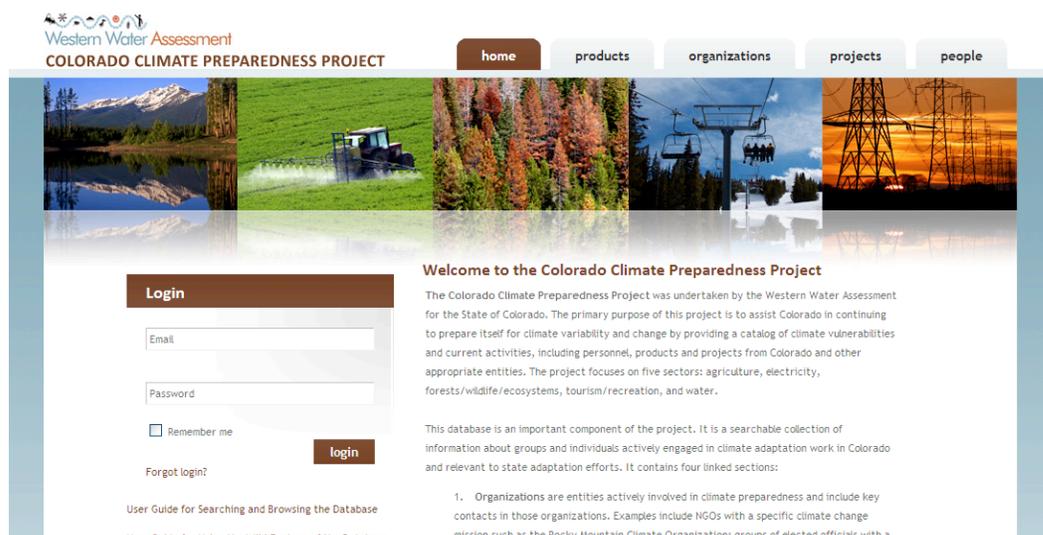**People:** Authors of reports and plans related to climate adaptation, as well as personnel within government agen-

Figure 1. Home Page of the CCPP Database (http://www.coloadaptationprofile.org)

cies, NGOs, consulting firms, and academia identified by the project team as having expertise relevant to climate adaptation efforts. There are currently 112 items in the "People" section.

Projects: Specific programs of work or research with a climate adaptation connection, such as the Rocky Mountain Climate Organization's Colorado Climate Project and the City of Aspen's Canary Initiative. There are currently 60 items in the "Projects" section.

Products: Reports, studies, websites, major meetings and other relevant outputs of adaptation projects. In addition to climate change adaptation plans and studies, this section includes selected natural hazard mitigation

plans which illustrate measures already in place to adapt to climate variability. Broader resource assessments such as the Colorado Statewide Forest Resource Assessment are also included because of their discussion about climate impacts on one of the sectors in the project. There are currently 178 items in the "Products" section.
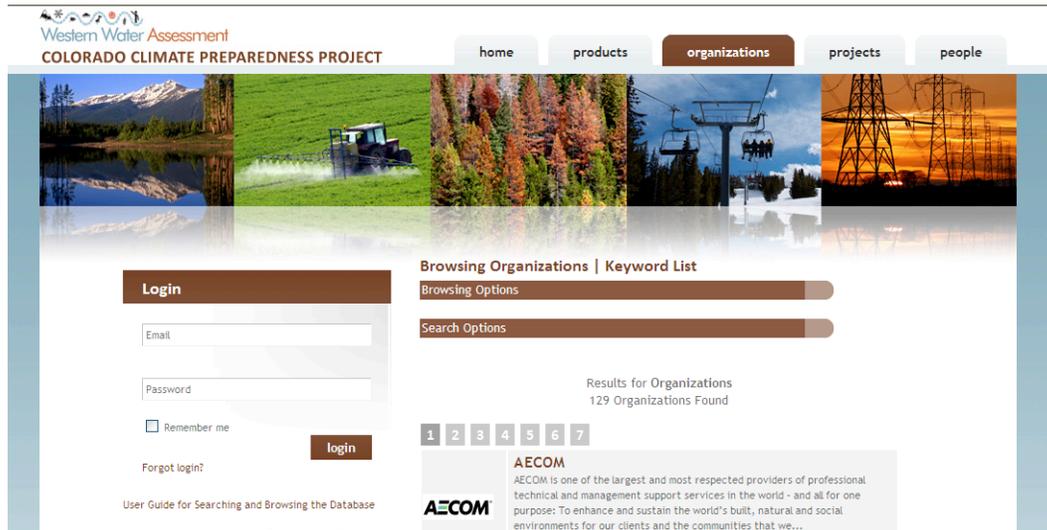

Figure 2. Browsing "Organizations".

Using the Database

From the database home page (Figure 1), users can navigate to all four sections through a set of tabs at the top of the site. Each of the four sections of the database opens to an alphabetical list of entries and provides two modes for accessing the information in that section: browsing and searching. Each section provides different options for those two modes.

"Products" and "Organizations" can be sorted by sector, type of author (local, state, or federal government; private sector; regional; NGO; tribe; academic/ university), whether the product was produced for Colorado or elsewhere, and whether the organization is located in Colorado or elsewhere. "Projects" can be sorted by sector and whether the project is located in Colorado or elsewhere. "People" can be sorted by whether an individual is a Colorado state employee. In addition, users can search by keywords, summary, purpose, description or name. Users can also download reports, studies and other relevant material in the "Products" section.

All four of the sections are linked together and assigned to one or more of the sectors analyzed for the CCPP project. For example, clicking on the record for a specific organization will display the list of sectors associated with that organization, a list of people affiliated with that organization, and any reports or projects related to the organization. The following examples illustrate some of the search and browse options.

Example 1: Browsing for Regional Organizations that Deal with Water Issues in Colorado

To browse "Organizations" for those that deal with

regional water issues in Colorado, click the "Organizations" tab at the top of the page. You are then presented with the following screen (Figure 3):

In the browsing options section select "water" from the "By sector" field, "regional" from the "By organization type" field, and "Colorado" from the "By Location" field.

Figure 3. Browsing "Organizations" by Sector, Organization Type and Location

The results of this browse are shown on the next page (Figure 4).

Figure 4. Browse Results: Regional Organizations that deal with water issues.

Example 2. Searching for Organizations with "Water" in their Name

Unlike the browsing function, the search function allows you input and search for any term that might appear in the name or description any database entry. (Note that search options are differ slightly between the four sections, depending on the information that the entries contain).

For example, a search for "water" within an organization's name returns 19 results (Figure 5):

Figure 5. Searching for Organizations with "Water" in their Name

The Future of the CCPP Database

While we believe that the CCPP database in its present state will be valuable to decisionmakers and other stakeholders both inside and outside of Colorado, it will maintain value only if it is updated to reflect newly available resources and changes in other content. We ask users of the database to provide us with input (wwa@noaa.gov), and better yet, become registered users so that they can use the "wiki" feature to add and revise content.