

Climate Registry for the Assessment of Vulnerability – CRAVe

A Public and Community Resource for Identifying and Locating Climate Change Vulnerability Assessments and Information

WHAT IS CRAVe? A searchable registry of studies to identify the impact of climate change on natural, cultural, and other resources. The Registry will have basic information about projects conducted by Federal agencies, states, nongovernmental organizations and others.

WHY IS CRAVe NEEDED? Understanding climate change impacts on resources is crucial to design of effective adaptation strategies, and there is substantial investment in these studies. **However, there is no available method to identify VAs conducted in specific regions or on specific resources.** This creates the potential for redundant investments and inefficient communication about findings, available data, and evolving methods.

WHAT CAN CRAVe USERS DO?

- **Locate assessments** of places, species, ecosystems or other resources by geographic area, by assessment target (e.g., species, ecosystem, etc.), sponsoring agency, purpose, scale and multiple other factors. Contacts and related information are accessible.
- **Enter basic information** about a vulnerability assessment, enabling colleagues, partners, and others to learn and benefit from their work

Searchable Features to be Included in CRAVe (partial list)

- **Title**
- **Location**
- **Implementing Agency**
- **Partners**
- **Assessment Target(s)**
- **Assessment scale and purpose**
- **Cost / Completion Status / Timeframe**
- **Assessment components (sensitivity, exposure, adaptive capacity, modeling, etc.)**
- **Contacts for additional information**

WHAT IS NEEDED FOR CRAVe TO SUCCEED? CRAVe is a partnership effort, and its value will be determined by how many partners enter information about projects they fund or conduct.

WHO BUILT CRAVe? USGS' National Climate Change and Wildlife Science Center (NCCWSC) is leading CRAVe development, with guidance and assistance from Federal and non-federal partners (see logos below). Funding has been provided to date by USGS, USFWS, and the USDA Forest Service.

WHERE IS CRAVe? Information is available on the NCCWSC website (<https://nccwsc.usgs.gov/crave>) and EcoAdapt's Climate Adaptation Knowledge Exchange (CAKE) (<http://www.ecoadapt.org/programs/cake>).

HOW CAN I LEARN MORE? Visit CRAVe – <https://nccwsc.usgs.gov/crave> or contact Elda Varela-Acevedo (evarela-acevedo@usgs.gov), Robin O'Malley (romalley@usgs.gov), or the NCCWSC CRAVe team -- nccwsc_crave@usgs.gov



“Climate Registry for the Assessment of Vulnerability” (CRAVe): Information for USFWS

At the request of the ad hoc Interagency Land Management Adaptation Group (ILMAG), the USGS National Climate Change and Wildlife Science Center (NCCWSC) and EcoAdapt have developed an on-line metadata registry for climate change vulnerability assessments (CCVAs) -- **Climate Registry for the Assessment of Vulnerability (CRAVe)**. See attached backgrounder on CRAVe.

Users may search CRAVe for information on CCVAs of places, species, ecosystems or other resources by geographic area, assessment target (e.g., species, ecosystem, etc.), sponsoring agency, purpose, scale and multiple other factors.

Users may also enter basic information about a CCVA, enabling colleagues, partners, and others to learn and benefit from their work. CRAVe is hosted on the NCCWSC website and will be shared on EcoAdapt's Climate Adaptation Knowledge Exchange (CAKE) via back end web services in the future.

CRAVe will only be successful to the extent that agencies and organizations – such as the Fish and Wildlife Service and Landscape Conservation Cooperatives – enter metadata on CCVAs that they have conducted, funded, sponsored, etc. **As such, we need your assistance in populating CRAVe. We ask for your help in providing metadata on planned, ongoing, or completed CCVAs using the web-based metadata entry form in CRAVe.** The process is simple, and each project entry should take about 10-20 minutes. Please be sure to coordinate your entries with others who might have a reason to enter the same project.

Below is information to get started on CRAVe:

- Follow this [Link](#)
- CRAVe has a simple "account creation" system.

After logging in, you will be routed to the CRAVe landing page and you can enter your CCVA by clicking on "+Add New" in the top left corner of your screen. The data entry form has required elements (indicated by the red asterisk) that must be completed before the form can be submitted, and the form can be saved without submitting, so you do not need to finish it all at once. NCCWSC encourages entries even if all metadata are not available.

Once a CCVA is entered by a USFWS region/program or an LCC, it will be routed to Kurt Johnson for further review before being forwarded to USGS for final review and then posting in CRAVe.

If you need help creating an account, logging on, or using the tool, please see:

<https://my.usgs.gov/confluence/display/FUH/CRAVe+User+Help>