

The CORE Literature Search Application

STONE
ENVIRONMENTAL
100% EMPLOYEE-OWNED

Services / Expertise

Geospatial and Data Solutions
Web Application Development
Geoprocessing / Model Service Development
Application Hosting

Technology

ArcGIS Server Enterprise
ArcGIS ImageServer
ArcGIS WebAppBuilder Developer Edition
PostgreSQL/PostGIS
HTML/JS/CSS

Market

Federal Government
University Research Centers

Project Location

University of Arizona

USDA Natural Resources Conservation
Service, Conservation Effects Assessment
Project for Grazing Lands (CEAP-GL)

Project Duration

2021–Present

Project Owner

University of Arizona

USDA Natural Resources Conservation
Service, Conservation Effects Assessment
Project for Grazing Lands (CEAP-GL)

Project Manager

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Link to Website

<https://nracs-core-dev.stone-env.net/home>

Project Team

Jody Stryker
Chris Aragon
Nick Floersch



Home page of the CORE application.

IN collaboration with NRCS Conservation Effects Assessment Project Grazing Lands (NRCS CEAP-GL), Stone is continuing development of a custom-designed tool comprised of a database and accompanying web-based tool to explore and visualize data sourced from published literature focusing on the effects of conservation practices. The tool allows users to browse literature data based on mapped study locations as well as query and visualize study data based on land use, conservation practice, NRCS resource concern, and measured elements. Innovative data visualizations provide users with intuitive ways to access and understand published information on the impacts of conservation practices. Users can look at high level relationships between research treatments, make comparisons of impacts on specific measured elements across resource concerns, as well as drill down into the details of single or multiple studies.



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