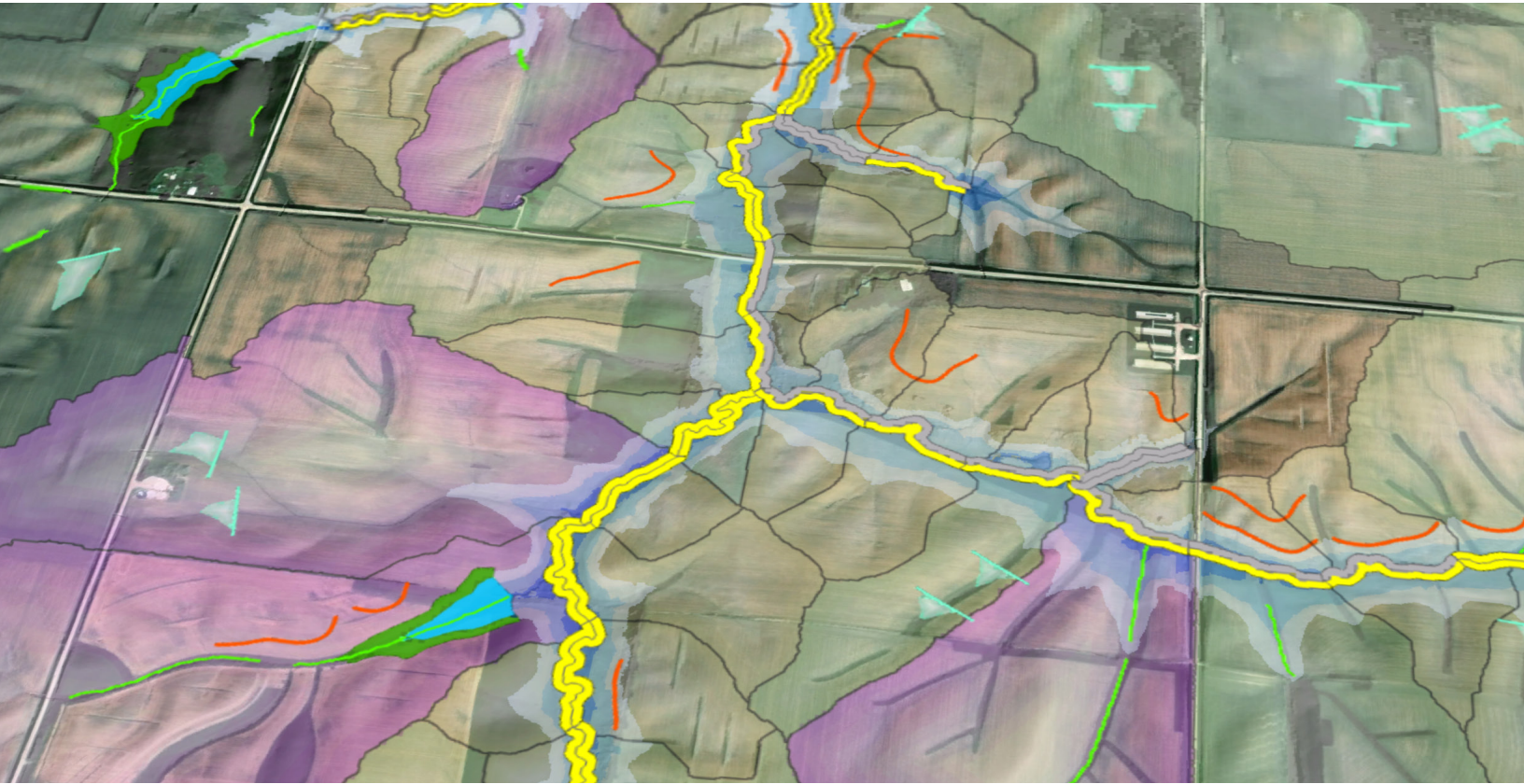




Agricultural Conservation PLANNING FRAMEWORK

Housed at the National Hub



Agricultural Conservation Planning Framework and NRCS Using the ACPF to streamline your work

The Agricultural Conservation Planning Framework (ACPF) uses high-resolution soils, land-use, and elevation data and an ArcGIS toolbox to identify site-specific opportunities to install structural conservation practices at the farm or watershed scale.

The ACPF provides a menu of conservation options that can then be used to generate output maps to facilitate discussions with producers. The ACPF is used in conjunction with local knowledge, landscape features, and producer preferences to better understand the options available when making areawide or field-scale conservation plans.

ACPF output maps can be used to—

- help score and rank financial assistance program applications.
- help explore whether producer-identified resource concerns are scientifically justified.
- support discussions with producers about resource concerns, existing practices, and where potential conservation practices could be placed.
- help producers evaluate and prioritize conservation alternatives.



Get ACPF

To get started, contact your state NRCS GIS Specialist to determine what watersheds in your state have ACPF output maps available. You can also visit acpf4watersheds.org to determine where the ACPF has been run in your state.

Don't know who your NRCS GIS Specialist is?

Email acpfhub@iastate.edu for more information.



Get ACPF



Agricultural Conservation
PLANNING FRAMEWORK

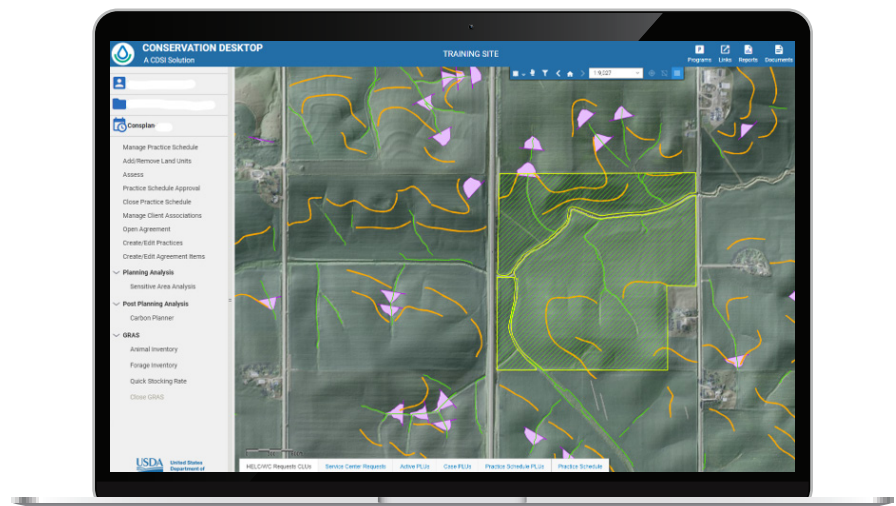
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WHAT DOES THE ACPF DO?

- The ACPF generates output maps that list landscape areas that are potentially well-suited for:
 - Bioreactors
 - Contour buffer strips
 - Controlled drainage
 - Farm ponds
 - Grassed waterways
 - Nutrient removal wetlands
 - Phosphorus traps
 - Riparian saturated buffers
 - Two-stage ditches
 - Vegetated riparian buffers
 - Water and sediment control basins (WASCOBs)
- ACPF core data is currently available in much of the Midwest and data will soon be available for much of the continental United States. GIS specialists can also create the soils and land-use data needed to run the ACPF for areas where it is not already available.

HOW DOES IT WORK?

- NRCS field office staff can view ACPF-generated maps showing potential conservation practice locations in a web browser app or in ArcGIS Pro with other GIS map layers.
- ACPF feature layers can also be enabled in Conservation Desktop to allow planners to view potential locations for conservation practices while drafting conservation plans.
- ArcGIS Online maps can be shown to producers to help them visualize where conservation practices could potentially be installed.



Screenshot of an ACPF output map on Conservation Desktop

Visit acpf4watersheds.org



IOWA STATE UNIVERSITY



Water Resources Center
UNIVERSITY OF MINNESOTA



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