

Addressing Water Quality Outcomes Through Nutrient and Water Management

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Conservation Outcomes Webinar Series, October 27, 2022



References and Additional Resources

The Conservation Effects Assessment Project (CEAP) is a multi-agency effort led by the Natural Resources Conservation Service that quantifies conservation effects on environmental quality and builds the science base for managing agricultural landscapes. CEAP findings are used to guide conservation program development and support conservationists, producers, and partners in choosing effective conservation actions and making informed management decisions backed by science and data. CEAP assessments are carried out at national, regional, and watershed scales for conservation efforts related to croplands, grazing lands, wetlands, and wildlife. [Learn more about CEAP here.](#)

Learn more about CEAP Watershed Assessment Studies

NRCS' Lisa Duriancik answers questions about how USDA works to quantify the effects of voluntary conservation on water quality in fields and selected watersheds in this *Ask the Expert* blog. Lisa is the Watersheds Assessment Leader for USDA's CEAP. You can read more [here](#).

CEAP watershed studies provide in-depth assessments of water quality, water availability, and soil concerns at a finer scale than national or regional assessments. Visit the CEAP Watersheds Assessments web page [here](#).

This publication also highlights water studies across the country.

SMART Nutrient Management Planning

A SMART Nutrient Management Plan includes the 4Rs of nutrient stewardship (the right Source, right Method, right Rate and right Timing) and emphasizes smart activities to reduce nutrient loss by Assessment of comprehensive, site-specific conditions. [Learn more here.](#)

NRCS Conservation Practice Standard 590: Nutrient Management.

Here you can download your State-specific conservation practice standard document and watch videos about nutrient management. [Learn more here.](#)

VIDEO: Science-Based Solutions: Leveraging Partnerships to Protect the Western Lake Erie Basin. This USDA video provides a closer look at the collaborative partnerships driving innovative water quality assessment and conservation in the Western Lake Erie Basin. This film shows how USDA's CEAP in the Western Lake Erie Basin bring researchers, farmers, government agencies and nonprofit organizations together to develop science-based solutions and strategically place them where they can deliver the greatest conservation benefits. [Watch here.](#)

SAVE THE DATE

The next Conservation Outcomes webinar is December 8, 2022, 1 p.m. ET.

Sustaining Forage Production by Reducing Woody Encroachment in the Great Plains

Featuring Dr. Dirac Twidwell, University of Nebraska-Lincoln.

The bi-monthly Conservation Outcomes Webinar Series provides key findings, data, and tools to support producers and partners in pursuing voluntary conservation efforts across the nation's working lands.

You can find the slides and resources highlighted by Dr. King at the Conservation Outcomes Webinar web page [here](#):

<https://www.nrcs.usda.gov/conservation-outcomes-webinar>

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