

Watershed Academy Webcast on
Ten Years of Watershed Assessment in the Conservation Effects Assessment
Project (CEAP): New Insights and Lessons Learned

February 5, 2015 at 1:00 pm - 3:00 pm Eastern

Speakers

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Additional Resources

- **USDA NRCS Conservation Effects Assessment Project Website
Homepage for all of CEAP -**
<http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/technical/nra/ceap>
- **Homepage for CEAP Watersheds –**
http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/technical/nra/ceap/?cid=nrcs143_014156
- **Homepage for A Decade of USDA ARS CEAP Watershed Assessments: A Special
Section of the Journal of Soil and Water Conservation, September/October 2014 -**
<http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/technical/nra/ceap/?cid=stelprdb1260812>
- Tomer, M.D., E.J. Sadler, R.E. Lizotte, R.B. Bryant, T.L. Potter, M.T. Moore, T.L. Veith, C. Baffaut, M.A. Locke, and M.R. Walbridge. 2014. **A decade of conservation effects assessment research by the USDA Agricultural Research Service: Progress**

overview and future outlook. Journal of Soil and Water Conservation, 69(5): 365-373.
- <http://www.jswnonline.org/content/69/5/365.abstract>

- Wilson, C.G., R.A. Kuhnle, S.M. Dabney, C.H. Huang, K.W. King, and S.J. Livingston. 2014. **Fine Sediment Sources in Conservation Effects Assessment Project Watersheds.** Journal of Soil and Water Conservation. 69(5): 402-413.
<http://www.jswnonline.org/content/69/5/402.abstract>
- **CEAP Watershed Studies in Indiana and Ohio find that tile drains are a major path for phosphorous loss,** October 2014 – <https://www.agronomy.org/science-news/tile-drains-major-path-phosphorus-loss-studies-find>
- **Synthesis Report Homepage– NIFA-CEAP Watershed Synthesis Study:** Link to book (free download or purchase), factsheets, webcast, etc. Book published by the Soil and Water Conservation Society. July 2012. -
<http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/technical/nra/ceap/?cid=stelprdb1047821>
- **NIFA-CEAP Fact Sheets** - A two-page summary (PDF; 0.1 MB) highlighting the top findings and lessons learned from the study.
 - Meals, D. W., D. L. Osmond, D. LK. Hoag, M. Arabi, A.E. Luloff, G.D. Jennings, M.L. McFarland, J. Spooner, A.N. Sharpley, and D.E. Line. 2012. Lessons Learned from the NIFACEAP: Insights for Developing Successful Agricultural Watershed Projects. NC State University, Raleigh, NC.
http://www.soil.ncsu.edu/publications/NIFACEAP/Factsheet_1.pdf
 - Osmond, D. L., D. W. Meals, A. N. Sharpley, M. L. McFarland, and D. E. Line. 2012. Lessons Learned from the NIFA-CEAP: Conservation Practice Implementation and Adoption to Protect Water Quality. NC State University, Raleigh, NC. http://www.soil.ncsu.edu/publications/NIFACEAP/Factsheet_2.pdf
 - Hoag, D., A. E. Luloff, and D. L. Osmond. 2012. Lessons Learned from the NIFA-CEAP: How Farmers and Ranchers Make Decisions on Conservation Practices. NC State University, Raleigh, NC.
http://www.soil.ncsu.edu/publications/NIFACEAP/Factsheet_3.pdf
 - Jennings, G. D., D. Hoag, M. McFarland, and D. L. Osmond. 2012. Lessons Learned from the NIFA-CEAP: Effective Education to Promote Conservation Practice Adoption. NC State University, Raleigh, NC.
http://www.soil.ncsu.edu/publications/NIFACEAP/Factsheet_4.pdf
 - Meals, D. W., D. L. Osmond, J. Spooner, and D.E. Line. 2012. Lessons Learned from the NIFACEAP: Water Quality Monitoring for the Assessment of Watershed Projects. NC State University, Raleigh, NC.
http://www.soil.ncsu.edu/publications/NIFACEAP/Factsheet_5.pdf
 - Arabi, M., D.W. Meals, D. LK. Hoag. 2012. Lessons Learned from the NIFACEAP: Watershed Modeling and Monitoring for the Assessment of Watershed Projects. NC State University, Raleigh, NC.
http://www.soil.ncsu.edu/publications/NIFACEAP/Factsheet_6.pdf
 - Meals, D, W, Sharpley, A. N., and Osmond, D. L. 2012. Lessons Learned from the NIFA-CEAP: Identifying Critical Source Areas. NC State University, Raleigh, NC. http://www.soil.ncsu.edu/publications/NIFACEAP/Factsheet_7.pdf

- **Crops and Soils Magazine article on Nutrient Management Plans: How Closely do Farmers Follow Them?**, 2014 by Tanner Ehmke,
<https://dl.sciencesocieties.org/publications/cns/pdfs/47/5/4>
 - Osmond, Deanna L., Dana L.K. Hoag, Al E. Luloff, Donald W. Meals, and Kathy Neas. 2014. Farmers' Use of Nutrient Management: Lessons from Watershed Case Studies. Journal of Environmental Quality, doi:10.2134/jeq2014.02.0091; <https://www.agronomy.org/publications/jeq/abstracts/0/0/jeq2014.02.0091>
- **Human Dimensions NIFA-CEAP Synthesis:**
Woods, B.R., A.E. Luloff, D.L. Osmond, and D.L. Hoag. 2014. Towards a synthesis: Lessons from thirteen cropland watershed-scale studies. Soc. Nat. Resour. 27:341–357. doi:10.1080/08941920.2013.861551-
<http://www.tandfonline.com/doi/abs/10.1080/08941920.2013.861551#.VL6lf3IcQ2w>
- **Archived Watershed Academy Webcast on USDA's NIFA - CEAP Watershed Synthesis: Lessons Learned** (May 15, 2012).
 - Recording: <http://www.epa.gov/owow/watershed/wacademy/archives/2012-05-15/archive/> (Flash Video)
 - PowerPoint presentation: http://water.epa.gov/learn/training/wacademy/upload/webcast_slides_5-15-2012.pdf (PDF; 3.1 MB)
- **Steps to Citizen-based Watershed Planning: A Presentation For Watershed Planners**, (Customizeable PowerPoint File Resource) -
http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1049419.ppt
- **Tomer & Locke (2011) Water Science & Technology 64:300-310 "The challenge of documenting water quality benefits of conservation practices: a review of CEAP watershed studies,"** available in the National Agriculture Library digital collection -
<http://ddr.nal.usda.gov/dspace/handle/10113/49869>
- **Special Issue of Journal of Soil and Water Conservation on NIFA CEAP Watershed Studies.** Nov./Dec. 2010 - <http://www.jswconline.org/content/65/6>
- **More about CEAP -**
http://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national/technical/nra/ceap/?&cid=nrcs143_014135
- **Enhancing conservation on agricultural landscapes: A new direction for the Conservation Effects Assessment Project**, Journal of Soil and Water Conservation, 63:6, pp. 198A-203A. November 2008 (PDF; 0.6 MB) -
<http://www.jswconline.org/content/63/6/198A.refs>
- **The first five years of the Conservation Effects Assessment Project**, Journal of Soil and Water Conservation, 63:6, pp. 185A-197A. November 2008 (PDF; 1.9 MB) -
<http://www.jswconline.org/content/63/6/185A.extract>

- **To Retrieve Bibliographies (automatically updated with each access) of Literature Either from CEAP Watersheds or Related to Conservation Effects: Dynamic Bibliography on CEAP Scientific Articles -**
<http://wgic.nal.usda.gov/publications/conservation-effects-assessment-project-ceap-and-related-publications/ceap-scientific>
- **Dynamic Bibliographies on Conservation Effects of Various Practices, Targeting, Watershed Modeling, etc. -** <http://wgic.nal.usda.gov/publications/conservation-effects-assessment-project-ceap-and-related-publications>
- Sharpley, Andrew, Helen P. Jarvie, Anthony Buda, Linda May, Bryan Spears and Peter Kleinman. 2013. **Phosphorus Legacy: Overcoming the Effects of Past Management Practices to Mitigate Future Water Quality Impairment.** Journal of Environmental Quality. doi:10.2134/jeq2013.03.0098. -
<https://dl.sciencesocieties.org/publications/jeq/articles/42/5/1308>