



# CAST Publication Impacts Report

## ASSESSING THE HEALTH OF STREAMS IN AGRICULTURAL LANDSCAPES: THE IMPACTS OF LAND MANAGEMENT CHANGE ON WATER QUALITY



**CAST Special Publication 31**

**Released:** March 06, 2012

**Report Compiled:** March 06–April 30, 2012

**Chair:** Dr. Richard Cruse, Professor in Agronomy, Iowa State University, Ames

### I. ROLLOUT/RELEASE

The health of streams in agriculturally dominated watersheds has long been assumed to be almost entirely dependent on nearby agricultural practices. In that regard, governments are making substantial investments in the modification of agriculture production activities. Conservation practices have reduced nutrient, sediment, and contaminant loads to those streams, but evidence remains strong that water quality and stream health, especially of those streams draining into the Mississippi River, are still a challenge.

### II. DISTRIBUTION OF ANNOUNCEMENTS/NEWS RELEASES

#### **Electronic Contacts**

##### *Listservs*

Task Force Members

Board/Staff

Society Presidents

Society Executives

*Friday Notes* recipients

Media

News Information Groups

Deans of Agriculture

Directors of Ag Experiment Stations

### III. FOLLOW-ON ACTIVITIES/PRESENTATIONS/NEWSPAPER ARTICLES/TV AND RADIO NEWS

- March 6–7, 2012, Iowa Water Conference held at Iowa State University, Scheman Continuing Education Building, in Ames, Iowa. Dr. Rick Cruse spoke about Special Publication 31. <http://www.aep.iastate.edu/iwc/program/1-am.html>
- Dr. Donald Huggins, Kansas Biological Survey, and Dr. John Bonner presented *A Diagnosis of Troubled Waters*, featuring *Assessing the Health of Streams in Agricultural Landscapes: The Impacts of Land Management Change on Water Quality*. Monday, March 26, 2012, Washington, D.C.
- National Coalition for Food and Agricultural Research (NC-FAR) had a “Lunch ‘n Learn” Seminar on Monday, March 26, 2012, where Dr. Donald Huggins presented the publication.

### V. INTERNET AND WEBSITE CONNECTIONS (TOTAL COLLECTED: 21 AS OF JULY 16, 2012)

*Ag Professional*

Accessed March 06, 2012

<http://www.agprofessional.com/news/New-CAST-paper-assesses-health-of-streams-in-ag-landscapes-141574793.html>

*AGFAX.com*

Accessed March 26, 2012

<http://agfax.com/2012/03/26/no-quick-fix-on-water-quality/>

*Agribiz.com*

Accessed April 12, 2012

<http://agribiz.org/wp-content/uploads/2012/04/Fert-industry-resp-EWG-4-12-12x.pdf>

*CAST Constant Contact Rollout Announcement*

Accessed March 28, 2012

<http://www.cast-science.org/news/index.cfm?show=rss>

*CAST Rollouts*

Accessed March 28, 2012

[http://www.cast-science.org/news/?agriculture\\_and\\_stream\\_water\\_quality\\_new\\_cast\\_publication\\_feature\\_d\\_in\\_dc\\_rollouts&show=news&newsID=12640](http://www.cast-science.org/news/?agriculture_and_stream_water_quality_new_cast_publication_feature_d_in_dc_rollouts&show=news&newsID=12640)

*Environmental Law Institute (ELI)*

Accessed March 2012

[http://www.eli.org/Program\\_Areas/tmdl/tmdl.background.2012.cfm](http://www.eli.org/Program_Areas/tmdl/tmdl.background.2012.cfm)

*Iowa State University; Ag and Life Sciences ONLINE*

Accessed March 12, 2012

<http://www.ag.iastate.edu/news/agonline/714/>

*Iowa State University Iowa Water Conference*

Accessed March 7, 2012

<http://www.aep.iastate.edu/iwc/program/2-am.html>

*Mrbdc.mnsu.edu*

Accessed 2012

[http://mrbd.mnsu.edu/sites/mrbdc.mnsu.edu/files/public/org/mrbd/pdf/Near\\_Channel\\_Lenhart.pdf](http://mrbd.mnsu.edu/sites/mrbdc.mnsu.edu/files/public/org/mrbd/pdf/Near_Channel_Lenhart.pdf)

*NC-FAR*

Accessed March 20, 2012

[http://www.ncfar.org/NCFAR\\_Media\\_Advisory\\_Ag\\_Water\\_032612.pdf](http://www.ncfar.org/NCFAR_Media_Advisory_Ag_Water_032612.pdf)

*NC-FAR Program*

Accessed March 26, 2012

[http://www.ncfar.org/Ag\\_Water\\_Program\\_032612.pdf](http://www.ncfar.org/Ag_Water_Program_032612.pdf)

*Oklahoma Farm Report*

Accessed March 06, 2012

[http://oklahomafarmreport.com/wire/news/2012/03/02255\\_AgStreams03062012\\_101601.php](http://oklahomafarmreport.com/wire/news/2012/03/02255_AgStreams03062012_101601.php)

*Oklahoma State University; Water Resources Center*

Accessed March 26, 2012

<http://water.okstate.edu/news-events/conferences/cast-presentation-a-diagnosis-of-troubled-waters>

*Pork Network*

Accessed March 07, 2012

<http://www.porknetwork.com/pork-news/latest/New-CAST-paper-assesses-health-of-streams-in-ag-landscapes-141574793.html>

*The Fertilizer Institute (TFI)*

Accessed April 13, 2012

<http://www.tfi.org/media-center/news-releases/fertilizer-institute-responds-environmental-working-groups-troubled-water?colorbox=1&section=news-releases>

*The Progressive Farmer*

Accessed April 13, 2012

<http://www.dtnprogressivefarmer.com/dtnag/common/link.do;jsessionid=C9639041DAD E64D1A354F78CD4B0C4FF.agfreejvm2?symbolicName=/ag/blogs/template1&blogHandle=policy&blogEntryId=8a82c0bc35e51c220136ad54fa7807df>

*University of Kansas*

Accessed March 23, 2012

<http://www.news.ku.edu/2012/march/23/water.shtml>

*University of Kansas; Central Plains Center for BioAssessment*

Accessed March 2012

<http://www.cpcb.ku.edu/>

*University of Minnesota*

Accessed March 2012

<http://www.bbe.umn.edu/People/Lenhart/index.htm>

*University of Wisconsin–Madison Libraries*

Accessed March 2012

<http://search.library.wisc.edu/catalog/ocn781260480>

*Vwrrc.vt.edu*

Accessed May 08, 2012

[http://vwrrc.vt.edu/vwmc/announcements/announcements\\_2012\\_May8.pdf](http://vwrrc.vt.edu/vwmc/announcements/announcements_2012_May8.pdf)