Missouri River Basin

CHU in Every Issue...

created this composite map showing all the areas that were inundated at

10 million people...To visualize just how extensive it was, the New York Times

and farmland.

interactive map of flooding in the Midwest that occurred earlier this year.

State Climate Summaries Are Being Updated 2019

Attention NRCS Employees: Liaison Announcement Posted

Photo Credit: Anna Locke, Ph.D. (USDA-ARS), the principal

Analysis was written by Rob Myers, Ph.D., Co-chair of the Soil Health Institute Policy Action

generated by extracting data from the online Census of Agriculture data sets and then

Metrics include Cover Crop and No-till Production Practices: The 2017 Census of

PROGRESS REPORT: Adoption of Soil Health Systems Based on Data from the 2017

use change (LCLUC) has dominated across various ecosystems in more than one-third of world’s land surface. LCLUC could lead to

Vegetation phenological trends during last few decades have been frequently reported and these trends are commonly assumed to

by Wolfram Schlenker, University of Chicago Press, 2019

Diverse Team Assembles to Protect Iconic US Crop from Climate Change

Impacts of land cover and land use change on long-term trend of land surface phenology:

by clicking on their titles to the right. Select here for a list of all regions.

Conference in December of each year. This

pleased to provide the annual Agronomy

Conference

by their organizations.

North Dakota State University, 2019

For more information on the conference, contact

The success of the Midwest Climate Hub in transferring management practices, decision tools and information to our stakeholders can only be

achieved through coordination via a diverse array of regional partners. In that spirit, we would like to highlight one of our partners:

The will be presenting on Saturday, October 12th from 1430-1520. The session titled 'Agriculture in a Changing Climate:

Impacts: Precipitation has increased some of the harvest

season and with less active crop growth. Some northern areas

may not be able to be harvested until soils freeze or possibly

not at all before winter.

small areas are likely complete losses due to flooding. The

The northern states were mainly above average with some

The southern and central states were mainly below average with

southwest was below average. The

The IA-IL-WI border area. In the south precipitation dropped off

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Abbildung: Resilient

Synergy between the Midwest Climate Hub and the National Oceanic and Atmospheric Administration (NOAA) to build climate resiliency in agriculture. Here we couple survey data from United States Department of Agriculture (USDA) Economic Research Service (ERS) and the National Center for Atmospheric Research (NCAR) with AERA survey data. We consider the relationship between having a higher level of awareness of climate change and an increased understanding of climate change risk perceptions, as well as the extent to which farmers have adopted sustainable agricultural practices and have access to climate services. Survey data from USDA ERS and AERA were analyzed to assess the impact of planning for future climate conditions on adoption of sustainable agricultural practices and access to climate services. The findings indicate a positive relationship between awareness of climate change and adoption of sustainable agricultural practices, as well as access to climate services. Increased awareness of climate change leads to increased understanding of climate change risk perceptions and adoption of sustainable agricultural practices, as well as increased access to climate services. The findings also indicate that farmers who are more aware of climate change are more likely to adopt sustainable agricultural practices and have better access to climate services. These findings highlight the importance of increasing awareness of climate change and improving access to climate services to build climate resiliency in agriculture.