

WELCOME



December 17-18, 2014
Miner Convention Center
Miner, MO

Dear Conference Participants:

It is with great pleasure that I welcome you to the **First Annual Delta States Irrigation Conference (DSIC)**. Starting this year the conference is set to become a yearly event coordinated by a consortium of mid-Southern state irrigation specialists, in conjunction with MidAmerica Farm Publications.

This first **DSIC** will be hosted in Sikeston, MO. Your irrigation needs were foremost in our minds in planning this year's conference. Our goal is that when the conference is over the farmers will walk out the door with practical irrigation-related tips that will put money in their pockets for the next growing season. Practical and usable is the conference's mantra. To ensure that attendees leave with more than just a plastic tote bag full of brochures, the proceedings and slide presentations will be posted to the Internet for future reference. Examples from successful farmers and extension demonstrations will be highlighted.

Next winter (Jan, 2016) the **DSIC** will become a fourth component of MidAmerica Farm Publication's highly successful system of conferences, joining with the existing National Conservation Systems Cotton & Rice Conference, Southern Corn & Soybean Conference, and Southern Precision Ag Conference. The inception of these conferences began in Little Rock, Ark. in 1998, and with the importance of irrigation today we are glad to add this component along side the other conferences.

The two dozen plus speakers on the program are there to share both good and bad experiences, explain how you can capture more irrigation dollars, suggest new ways to solve difficult problems, and reveal novel ways to trim production costs, while increasing yields.

We hope you will take the opportunity to introduce yourself to the speakers and other attendees. You are encouraged to challenge presenters with questions and to share your successes and difficulties with them. We want you to learn not only from the presentations, but from your interaction with other producers who are present for this conference.

Therefore, we ask you to sit back and enjoy our presentations, and we welcome your comments and questions.

We would, however, like to recognize you - the participants, who are the real nuts and bolts of this conference - for the time and effort you made to attend. We appreciate your continued support and interest, and we hope you will find the program worthy of your involvement.

Thank you for coming and have a great conference!

Sincerely,
Dr. Joe Henggeler
Extension Associate Professor, University of Missouri

8:35 A.M. - 8:55 A.M.
Wednesday Dec.17

OPENING SESSION

SPEAKER: DR. JASON KRUTZ, MISSISSIPPI STATE UNIVERSITY

Room 3

9 A.M. - 10:20 A.M.

BREAKOUT SESSION 1

PROGRAM NO.	PRESENTATION TITLE	SPEAKER	ROOM	CCA CEU
[1A]-a	A Pump Monitoring Approach to Irrigation Pumping Plant Testing	Merritt McDougall		
[1A]-b	Using Information About Your Water Table	Brad Williams	1	2-SW
[1A]-c	Variable Frequency Drives - a primer: Tool for fluctuating water tables	Dr. Chris Henry		
[1B]-a	What Are IWMs and how They Are Assisting Mississippi Farmers	Dr. Joe Massey/EarlKline		
[1B]-b	Aerial Robots (a.k.a. Drones)	Dr. A.J. Foster	3	2-SW
[1B]-c	Sub-Irrigation: Drains when Wet. Irrigates when Dry	M. Nussbaum/J. Hester		

10:20 a.m. - 10:40 a.m.

20 MINUTE BREAK

Room 2

10:40 A.M. - 12:00 P.M.

BREAKOUT SESSION 2

PROGRAM NO.	PRESENTATION TITLE	SPEAKER	ROOM	CCA CEU
[2A]-a	What I've Learned About Wireless Monitoring - TN perspective	Dr. Brian Leib		
[2A]-b	What I've Learned About Wireless Monitoring - AR Perspective	Dr. Chris Henry	1	2-SW
[2A]-c	What I've Learned About Wireless Monitoring - MS perspective	Lyle Pringle		
[2A]-d	What I've Learned About Wireless Monitoring - MO Perspective	Dr. Joe Henggeler		
[2B]-a	A New Generation of Propane Engines	Gordon Cunningham		
[2B]-b	Diesel Engines and the Tier System	Gary Buenemann	3	2-SW
[2B]-c	Experience in Using Written Pole Motors - True Single-Phase motors	Steve Jackson		

12 Noon to 12:50 p.m.

ROUNDTABLE LUNCHEON

Room 2

1 P.M. - 1:20 P.M.

KEYNOTE SESSION #1

Room 3

SPEAKER: DR. FREDDIE LAMM, KANSAS STATE UNIVERSITY

1:30 P.M. - 2:50 P.M.

BREAKOUT SESSION 3

PROGRAM NO.	PRESENTATION TITLE	SPEAKER	ROOM	CCA CEU
[3A]-a	Surface Irrigation in Missouri	Dr. Joe Henggeler		
[3A]-b	Furrow Irrigated Rice in Missouri	Dr. Michael Aide	1	2-SW
[3A]-c	Laser - versus GPS-controlled Land Leveling	Preston Marthey		
[3B]-a	Designing Poly-Pipe Manifolds: PHAUCET / Pipe Planner	Chris DeClerk		
[3B]-b	Benefits from PHAUCET / Pipe Planner & Wireless Soil Moisture Sensors	Dr. Jason Krutz	3	2-SW
[3B]-c	Panel: PHAUCET / Pipe Planner & Wireless Soil Moisture Sensors	Moderator: ?		

2:50 p.m. - 3:10 p.m.

20 MINUTE BREAK

Room 2

3:10 P.M. - 4:30 P.M.

BREAKOUT SESSION 4

PROGRAM NO.	PRESENTATION TITLE	SPEAKER	ROOM	CCA CEU
[4A]-a	Growing Rice with Center Pivots	Dr. Earl Vories		
[4A]-b	In-Canopy Distribution of Water	Dr. Freddie Lamm	1	2-SW
[4A]-c	Costs to Water Corners / Irr. & the Farm Program	David Reinbott		
[4B]-a	Irrigation Management Demonstrations In Northern Arkansas	Ray Benson		
[4B]-b	What Farmers' Surveys Tell Us About Irrigated bean Production	Dr. Joe Henggeler	3	2-SW
[4B]-c	How to Drill a Good Quality, but Affordable Well	Jim Cook		

A JOURN DAY 1

THURSDAY SCHEDULE



THURSDAY, DECEMBER 18, 2014

7:30 a.m. - - - Conference Registration

7:30 - 8:30 a.m. Coffee and Donuts in Room 2

7:30 a.m.-12:10 p.m. **Exhibits Open**

7:30 - 8:50 a.m.	Breakout Session 5	1:10 - 1:30 p.m.	General Session Speaker: Dr. Lanny Ashlock USB
8:50 - 9:10 a.m.	20 min. Break Room 2		Room 3
9:10 - 10:30 a.m.	Breakout Session 6		
10:30 - 10:50 a.m.	20 min. Break Room 2		
10:50 - 12:10 p.m.	Breakout Session 7	1:40 - 4:30 p.m.	Workshops
12:10 - 1:00 p.m.	ROUNDTABLE LUNCHEON Room 2	3:00 - 3:10 p.m.	10 min. Break Room 2
		4:30 p.m.	Conference Adjourned

7:30 A.M. - 8:50 A.M. BREAKOUT SESSION 5 Room 2

PROGRAM NO.	PRESENTATION TITLE	SPEAKER	ROOM	CCA CEU
[5A]-a	Five Key Points In Irrigating From MS Alluvial Aquifer	Dr. Joe Henggeler		
[5A]-b	Water Usage Studies of Major MS Delta Crops	Dr. Joe Massey	1	2-SW
[5A]-c	Flood Tolerance of Soybeans	Matt Rhine		
[5B]-a	Irrigation Scheduling - Smart Phone App	Dr. Gene Stevens		
[5B]-b	Irrigation Scheduling - Using Various Moisture Sensors	Lyle Pringle	3	2-SW
[5B]-c	Irrigation Scheduling - Woodruff Charts	Andrea Phillips-Jones		

8:50 a.m. - 9:10 a.m. **20 MINUTE BREAK**

9:10 A.M. - 10:30 A.M. BREAKOUT SESSION 6 Room 2

PROGRAM NO.	PRESENTATION TITLE	SPEAKER	ROOM	CCA CEU
	Breakout Session 6 offerings will be known at check in		1	2-SW
			3	2-SW

10:30a.m. - 10:50 a.m. **20 MINUTE BREAK**

10:50A.M. - 12:10P.M. BREAKOUT SESSION 7 Room 2

PROGRAM NO.	PRESENTATION TITLE	SPEAKER	ROOM	CCA CEU
	Breakout Session 7 offerings will be known at check in		1	2-SW
			3	2-SW

NOTES:

PRESENTATIONS

IRRIGATION PRESENTATIONS

Presentations to be heard December 17-18, 2014
Miner Convention Center, Miner, MO



Program 1-2

Title - - -

Presented by

Program 2-2

Title - - -

Presented by

Program 3-2

Title - - -

Presented by

Program 4-2

Title - - -

Presented by

Program 5-2

Title - - -

Presented by

SPEAKERS

□ SPEAKERS

Speakers to be heard December 17-18, 2014
Miner Convention Center, Miner, MO



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