

# IOWA STATE UNIVERSITY

## Extension and Outreach

### Agriculture and Natural Resources | Events

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## SERA-17 Annual Meeting

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**July 22 - 25, 2014**

**Embassy Suites, Des Moines, Iowa**



Located in the heart of downtown Des Moines, the Embassy Suites offers scenic views of the river and easy access to an unbeatable range of Des Moines businesses and attractions. Located between the Iowa State Capitol campus and the downtown business and entertainment district, the facility is the ideal venue for the SERA-17 annual meeting. Attendees are just a short walk away from attractions including the [World Food Prize Hall of Laureates](#), the [Iowa Historical Building](#), Court Avenue with its wide range of dining and entertainment, and [Principal Park - Home of the Iowa Cubs](#) (who are playing an 8-game home stand during

the meetings!). Take a stroll along the [Principal Riverwalk](#) or catch a concert at the [Simon Estes Amphitheater](#). And the [Greater Des Moines Botanical Center](#) is just a short walk from the hotel, where you can enjoy an oasis of exotic plants and beautiful gardens.

### **SERA-17**

Is an organization of research scientists, policy makers, extension personnel, and educators. Our mission is to develop and promote innovative solutions to minimize phosphorus losses from agriculture by supporting:

- information exchange between research, extension, and regulatory communities
- recommendations for phosphorus management and research
- initiatives that address phosphorus loss in agriculture

Visit the [SERA-17 page](#) for additional information.

## **Meeting News and Updates**

- [Registration is now open!](#)
- Deadline for [hotel reservations](#) at the group rate is June 23.

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### Program

All agenda items take place in, or depart from, the Embassy Suites Hotel.

The agenda is a work in-progress and will continue to develop. The version below was last updated on: **May 13, 2014**

#### Tuesday, July 22

- |         |  |
|---------|--|
| 5:30 pm | Registration desk opens - check in and pickup materials                      |
|         | Evening reception with hors d'oeuvres and cash bar - (Embassy Suites Atrium) |
| 7:30 pm | Registration desk closes for evening   |
|         | Evening reception ends   |

#### Wednesday, July 23

- |         |  |
|---------|--|
|         | Breakfast - Embassy Suites atrium (included with guest room reservation)   |
| 7:30 am | Registration desk reopens  |
|         | Light refreshments available in meeting room   |
| 8:00    | <b>Iowa welcome and opening comments</b> - John Lawrence, associate dean and director of <a href="#">Agriculture and Natural Resources Extension and Outreach</a> , Iowa State University and Director, <a href="#">Iowa Nutrient Research Center</a>                              |
| 8:15    | <b>Surface/sub-surface hydrology relevant to nutrient transport in the upper Mississippi watershed</b> - Keith Schilling, Iowa Geological Survey, University of Iowa   |
| 8:45    | <b>Nutrient reduction strategies: Atlantic and Great Lakes regions</b><br>- Chesapeake Bay - Frank Coale, University of Maryland<br>- Ohio and/or Lake Erie - Mark Williams, USDA/ARS, Ohio  |
| 9:45    | Break - refreshments provided  |
| 10:00   | <b>Nutrient reduction strategies: Upper Mississippi watershed</b><br>- Illinois - Warren Goetsch, Illinois Department of Agriculture<br>- Iowa - Matt Helmers and Tom Isenhardt, Iowa State University<br>- Minnesota - David Mulla, University of Minnesota<br>- panel discussion |
| 12:00   | Lunch (provided)   |
| 1:00    | <b>Stream bank and in-stream processes contributions to P loss and transport</b><br>- Douglas Smith, USDA/ARS, Indiana<br>- Another region, TBD  |
| 3:00    | Poster session and refreshment break   |
| 4:15    | Workgroups session<br>- concurrent sessions by workgroup<br>- plenary with brief summaries   |

5:15 Meetings adjourn for the day.  
Dinner and evening activities on-your-own.

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#### Thursday, July 24

Breakfast - Embassy Suites atrium (included with guest room reservation)

8:00 Loading of tour buses

[Neal Smith National Wildlife Refuge](#) - Prairie City, Iowa  
- Runoff and water quality projects presentations, discussion and field tours

Lunch - provided

[Des Moines Water Works](#) - Des Moines, Iowa

5:00 Buses return to Embassy Suites  
Dinner and evening activities on-your-own.

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#### Friday, July 25

Breakfast - Embassy Suites atrium (included with guest room reservation)

8:00 Bioreactors to reduce N and P loss with subsurface drainage  
- Nitrogen - Laura Christianson, The Conservation Fund Freshwater institute  
- Phosphorus - Chad Penn, Oklahoma State University  
- Panel discussion

9:45 Break and refreshments

10:00 CIG research groups P loss modeling and P indices update

11:00 Business meeting

11:45 Final remarks and adjournment

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