

***RUSLE2 & Iowa Phosphorus Index  
Introductory Level 1 Workshop  
Registration Form***

Use this registration form or register online at <https://go.iastate.edu/C3SD6H>. Please use a separate form for each registering individual. Checks should be made payable to "ISU Extension and Outreach". Send payment with the completed registration form to:

Registration Services  
1601 Golden Aspen Dr. Ste 110  
Iowa State University  
Ames, IA 50010  
Phone: 515.294.1775  
Fax: 515.232.6716  
Email: [registrations@iastate.edu](mailto:registrations@iastate.edu)

Name

Business Name

Address 1

Address 2

City

State, Zip

Phone

Email

***Registration Fees***

Fees include lunch, refreshments, and workshop materials.

Fee: ..... \$225.00  
Late Registration: ..... \$250.00  
(After March 1, 2024)

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**IOWA STATE UNIVERSITY**  
Extension and Outreach  
Polk County Extension Office  
1625 Adventureland Drive, Suite A  
Altoona, IA 50009

***Introductory RUSLE2 &  
Iowa Phosphorus Index  
Workshop***

**Altoona, Iowa  
March 7, 2024**

**In  
Collaboration  
With**



## ***Schedule of Workshop Activities***

- 8:15 am** Coffee & Registration
- 8:45** Welcome & Introductions  
- Training Overview  
**RUSLE2**  
- Background  
- Operator's Instructions  
- Glossary of Terms  
- Information Requirements  
- Dominant Critical Area Determination  
Break  
Operating RUSLE2
- 11:30** Lunch
- 12:30 pm** Operating RUSLE2 with example
- 1:00** Manure Management Planning
- 2:00** Erosion Definitions  
- Ephemeral Gully  
- Classic Gully  
Iowa Phosphorus Index  
- NRCS Use  
- Use in IDNR MMPs  
- Use in Openlot NMPs  
Break
- 3:15** Common Errors in RUSLE2 and Iowa Phosphorus Index
- 4:00** Quiz
- 4:15** Questions & Evaluations
- 4:30 pm** Adjourn

## ***Workshop Location:***

ISU Extension and Outreach - Polk County Office  
1625 Adventureland Drive, Suite A  
Altoona, IA 50009  
( [Map It](#) )

## ***Workshop Requirements***

Each registrant must bring a Microsoft Windows compatible laptop computer equipped with a USB port and Microsoft Excel Software. The majority of work done during the workshop will require the use of Revised Universal Soil Loss Equation 2 (RUSLE2) and Iowa Phosphorus Index Calculator. These programs and associated information will be provided on a flash / thumb drive.

Registrants must have administrative password for the laptop they bring to the workshop to be able to install software.

**Class size is limited to 30 participants.**

Use of RUSLE2 & Iowa Phosphorus Index in Iowa DNR and NRCS Plans and in manure management planning will be discussed in the workshop.

## ***Cancellation Policy***

Written cancellation requests received before 5:00 PM on March 1, 2024 will receive a refund minus a \$25 processing fee. No refunds will be given after 5:00 PM on March 1.

## ***Questions?***

Contact Kapil Arora at (515) 291 - 0174 or Iowa State University Extension and Outreach Polk County Office at (515) 957 - 5760.

Iowa State University Extension and Outreach does not discriminate on the basis of age, disability, ethnicity, gender identity, genetic information, marital status, national origin, pregnancy, race, color, religion, sex, sexual orientation, socioeconomic status, or status as a U.S. veteran, or other protected classes. ISU will make reasonable accommodations to otherwise qualified individuals with disabilities.

Inquiries regarding non-discrimination policies may be directed to the Office of Equal Opportunity, 515-294-7612, [eooffice@iastate.edu](mailto:eooffice@iastate.edu).

Inquiries regarding requests for accommodation may be directed to [extdiversity@iastate.edu](mailto:extdiversity@iastate.edu). You may also make accommodation requests through this [webform](#). For an explanation of ISU's accommodation processes, please visit our [reasonable accommodation page](#).

## ***Workshop Information***

An all-day workshop on Introductory RUSLE2 & the Iowa Phosphorus Index will be held at ISU Extension and Outreach Polk County Office in Altoona, Iowa. Directions to this location are available [online through Google Maps](#).

This is a "Level 1 Workshop" which will focus on introduction to Revised Universal Soil Loss Equation 2 (RUSLE2) and Iowa phosphorus Index. Activities for the morning session will include installing software programs, performing dominant critical area determinations, and operating RUSLE2. The afternoon session will include discussions on ephemeral gully and classical gully erosion, Iowa Phosphorus Index, its use in IDNR Manure Management Plans (MMPs) & Open Feedlot Nutrient Management Plans (NMPs). The workshop is a collaborative effort between Iowa DNR, USDA - NRCS and Iowa State University Extension and Outreach.

This workshop qualifies for 6 Certified Crop Advisor (CCA) Credits (5SW, 1NM) and 3 Professional Development Hours (PDH). Participation certificates will be provided upon completion of the workshop.

The workshop will be taught by Chandra Shaw, USDA - NRCS, Kapil Arora and Dan Andersen, ISU Extension and Outreach, and Jeremy Klatt, Iowa DNR.