



UNIVERSITY OF ILLINOIS
EXTENSION

DRAINAGE DESIGN WORKSHOP AUGUST 16-18, 2022



Richland Community College
Shilling Center - One College Park, Decatur, IL

With content for every experience level, from beginner to advanced, the drainage design workshop is a hands-on, comprehensive training that provides contractors all the tools necessary to design and implement subsurface drainage practices. Each session includes an interactive, hands-on activity. Participants are encouraged to bring a PC. Registration includes training materials, lunches, and breaks, as listed.

TUESDAY, AUGUST 16	
7:30 - 8 am	Registration
8 - 9 am	Initial Considerations
9 - 10:30 am	Surveying Basics, Calculating Slopes, Understanding Soils
10:30 am	Break
10:45 am - 12 pm	Drainage Coefficients, Lateral Spacings
12 pm	Lunch
1 - 3 pm	Sizing Mains, System Layout, Outlets & Ditches
3 pm	Break
3:15 - 4 pm	Conservation Drainage
4 - 5 pm	Ask an Expert: ILICA Contractor Panel

WEDNESDAY, AUGUST 17	
8 - 10 am	Principals of Subirrigation
10 am	Break
10:15 am - 12 pm	Combination Drainage/ Subirrigation Systems
12 pm	Lunch
1 - 3:45 pm	Drainage Design Tools
3:45 pm	Break
4 - 5 pm	ILICA: Operator Skills 101
THURSDAY, AUGUST 18	
8 - 10:30 am	Introduction to LiDAR & QGIS**
10:30 am	Break
10:45 am - 12 pm	Drainage Design w/LiDAR & QGIS - The Illinois Drainage Tools

**QGIS is a free, public domain GIS software used in these sessions. Participants are encouraged to download & install [Version 3.18.3](https://www.qgis.org/en/site/forusers/download.html) of this program before the workshop. It is available at: publish.illinois.edu/illinoisdrainageguide/files/2022/07/QGIS-DOWNLOAD-INSTALLATION-GUIDE.pdf

Registration Fee: \$85

Name: _____ Phone: _____

Address: _____ City, State, Zip: _____

Company Name: _____ Email: _____

Additional Attendees: _____, _____, _____



Mail to: Illinois LICA
112 Exchange St., Ste. 2
Galva, IL 61434
Fax: (309) 932-1231

Attending: _____ X \$85

ILICA Member Discount: _____ X -\$20

Total Enclosed: \$ _____

Online Registration

Postmarked by August 10th, 2022