



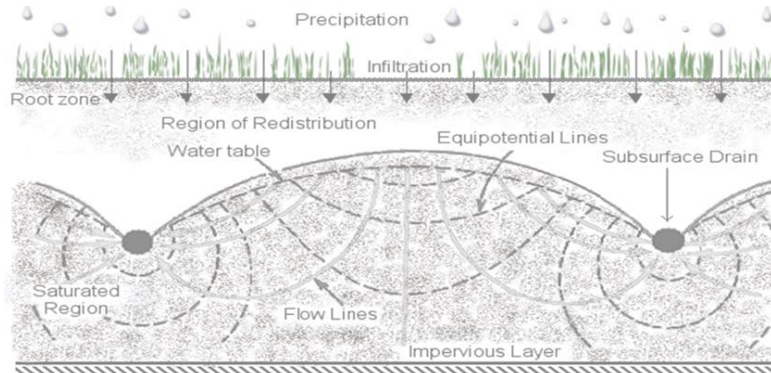
UNIVERSITY OF ILLINOIS  
EXTENSION

# ADVANCED DRAINAGE DESIGN WORKSHOP



## Richland Community College

Shilling Center - One College Park, Decatur, IL



Day 1	
7:30 - 8 am	Registration
8 - 9:30 am	<b>Introduction to LiDAR &amp; QGIS**</b> QGIS Print Layout <a href="#">Presentation</a>
9:30 - 10:30 am	<b>SoilWeb for Google Earth</b> <b>Google Earth for Design Display</b> <a href="#">Presentation</a> <a href="#">Example</a> <a href="#">Dataset</a>
10:30 am	Break
11:00 - 12:30 pm	<b>3D Mapping in QGIS</b> <b>Other Mapping Topics</b> <a href="#">Presentation</a>
12:30 pm	Lunch
1:30 - 3:30 pm	<b>Principals of Subirrigation</b> <a href="#">Presentation</a> <a href="#">Dataset</a>
3:30 pm	Break
4 - 4:45 pm	<b>Combination Drainage/ Subirrigation Systems</b> <a href="#">Presentation</a> <a href="#">Dataset</a>
4:45 - 5:15 pm	<b>Utilizing One-Call for Project Planning</b> <b>(Design Tickets, Meet Request &amp; Depth Information)</b> <a href="#">Drain Tile Safety</a> <a href="#">Three Seconds Later" - Julie version</a>

Day 2	
7:30 - 8 am	Registration
8 - 10:00 am	<b>Drainage Layout w/LiDAR &amp; QGIS - The Illinois Drainage Tools</b> <a href="#">Presentation</a>
10:00 am	Break
10:30 am - 12:30 pm	<b>Software-based Pipe Grades and Sizing</b>
12:30 pm	Lunch
1:30 - 3:30 pm	<b>Online Drainage Design Tools</b>
3:30 pm	Break
3:45 - 4:15 pm	<b>ILICA Panel: Ask an Expert - Contractor Design Tips</b>
<a href="#">Click here for all mapping datasets</a>	

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