



PAPSS in cooperation with Delaware Valley University in Doylestown, PA
Soil Hydraulic Conductivity August 3rd and 4th 2023

Tentative Agenda

Thursday Morning August 3, 2023

8:00 to 9:00 AM Registration Lobby Mandell Science Building

9:00 to 9:15 AM Welcome / Introductions / Session Overview / Opening Remarks:

- Joseph Valentine, Session Organizer - PAPSS
- Charlie Klinger, President - PAPSS
- Broc Sandelin, Ph.D., Dean of Ag and Environmental Sciences - Delaware Valley University
- Carrie Laboski, Ph.D., President - Soil Science Society of America

9:15 to 10:30 AM 75-minute Oral Presentation # 1 Aziz Amoozegar, Ph.D.- The Basics of Water Flow

10:30 to 10:45 AM Break

10:45 to Noon 75-minute Oral Presentation # 2 Ryan D. Stewart, Ph.D.- Darcey's Law

Noon to 1 PM Lunch to be provided

Afternoon

1 PM to 2:15 PM 75-minute Oral Session # 3 Aziz Amoozegar, Ph.D. -

Volume of water and time needed for making Ksat measurements.

2:15 to 2:30 PM Break

2:30 to 3:45 PM 75-minute Oral Session # 4 Ryan D. Stewart, Ph.D. - Calculating Hydraulic Conductivity

3:45 to 4:15 PM Questions and Discussion

4:15 to 4:30 PM Review of Day Two agenda and assignment of group number

Dinner on your own

Friday Morning August 4, 2023

8:00 to 9:00 AM Registration Lobby Mandell Science Building

9:00 to 10:15 AM 75-minute Oral Presentation # 5 Aziz Amoozegar, Ph.D. - Methods for Measuring Ksat

10:15 to 10:30 AM Break

10:30 to 11:45 AM 75-minute Oral Presentation # 6 Alan Farsad, Ph.D. -

Ksat Measurement using the Guelph Permeameter and the Advark

11:45 to Noon Review of PM Agenda and group assignments

Noon to 1 PM Lunch to be provided

Afternoon

1 PM to 1:15 PM Walk to demonstration site

1:15 to 2:45 PM 90-minute field demonstration of five methods and a Soil Profile Evaluation

Break into six groups. Rotate every 15 minutes.

2:45 to 3:00 PM Walk back to Mandell Science Building

3:30 to 3:15 PM Break

3:15 to 4:00 PM 45-minutes Crunching the Data-Calculation of HC values

4:00 to 4:30 PM 30-minutes Review of HC data/Conclusions/Recommendations/Questions/Certificates

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