Solar Developer Agrivoltaic Workshop

May 30 & 31, 2024

8102 N 95th St
Longmont, CO
80504

The Colorado Agrivoltaic Learning Center provides educational opportunities about the potential of agrivoltaics to our community through on-site tours and events. This workshop is designed for solar developers and installers, though is open to the public, interested in better understanding agrivoltaics from those having worked in agrivoltaic systems for years. This workshop is laid out to provide participants with in-depth considerations into a variety of topics linked to designing, building, and operating an agrivoltaic system for the long-term.
Below is the agenda for the May 30-31 Solar Developers Agrivoltaics Workshop.

Agenda

30 May 2024

8:30 Arrival & registration

8:45 Welcome by Byron Kominek and Introduction to the Colorado Agrivoltaic Learning Center

9:00 Participant Introductions

9:15 Begin Tour of Jack's Solar Garden (JSG), B*yron Kominek, JSG*

9:30 Discussion of Solar Array Microclimates & Medicinal Herb Growth, B*yron Kominek, JSG*

9:45 Vegetable Crop Production, Crop Characteristics, & Farmer Perspective, L*iza McConnell, Sprout City Farms, Amy Marble, University of Arizona*

10:15 Grassland Ecology, A*lex Siggers, CSU*

10:40 Pollinator Habitat / Vegetation Screening, B*yron Kominek, JSG, NREL*

11:00 Ecosystem Services, C*hristopher Toy, CSU*

11:20 Finish Tour

11:20 Quick Break

11:30 Global View of Agrivoltaics and Agrivoltaic Designs, N*REL*

11:45 The 5 Cs of Agrivoltaic Success, N*REL*

12:00 Lunch

12:45 Potential Viewing of Cattle Under Solar Panels,*Local Grazer*

1:15 Animal Welfare, C*SU*

1:45 Solar Grazing Sheep, L*ocal Solar Grazer*

2:15 Quick Break

2:45 Discussion on Financial Considerations of Agrivoltaics, A*ustin Hazlehurst, CALC*

3:15 Discussion on Social Perspectives of Agrivoltaics, *Alexis Pascaris, NREL*

3:45 End of Day Group Thoughts / Discussion

4:30 Group Happy Hour at Oskar Blues

Agenda

31 May 2024

8:30 Arrival and Networking

9:00 Work with Sprout City Farms on tasks within the solar array

Group 1: Help Sprout City Farms on tasks within the 6’ solar array

Group 2: Help Sprout City Farms on tasks within the 8’ solar array

9:45 Switch groups

Group 1: Help Sprout City Farms on tasks within the 8’ solar array

Group 2: Help Sprout City Farms on tasks within the 6’ solar array

10:30 Quick Break

10:45 Photosynthesis Patterns in Agrivoltaics Demonstration – *NREL*

11:15 Go through K-12 educational activities – *Allison Jackson, CALC*

12:00 Lunch and taste test

12:45 Working with Landowners, Local Governments, and Community Outreach – *Byron Kominek, CALC*

1:15 State and local policies on agrivoltaics – *Allison Jackson, CALC*

1:45 Open Slot

2:15 Quick Break

2:45 Open Slot

3:15 Drive to North Boulder

3:45 Walk and talk with Drylands Agroecology Research group about Retrofit Site

4:30 Workshop Finished