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CLIMATE CONTROL  
S H O R T C O U R S E

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# Sponsorship Opportunities



2023 VIRTUAL  
CLIMATE CONTROL  
SHORT COURSE



GLASE  
GREENHOUSE LIGHTING  
& SYSTEMS ENGINEERING

Jan. 19 - Feb. 23  
Thursdays 2 - 4 pm EST

6 Weeks  
6 Modules

- | Light
- | Temperature
- | CO<sub>2</sub>
- | Humidity
- | Irrigation
- | Autonomous

Register Now

Live and On-Demand



## Virtual Climate Control Short Course

For the second year, the Greenhouse Lighting and Systems Engineering (GLASE) consortium is excited to announce our annual short course: Climate Controls in CEA.

In this 6-week modular course, attendees will learn about all aspects of climate controls in greenhouses and indoor farms. Modules will focus on lighting, temperature, carbon dioxide concentration, humidity and VPD, irrigation, and autonomous controls.

Industry experts will define the specific environmental requirements of plants, show how climate controls work to improve yields in real-life case studies, and supply interactive demonstrations using commercially-available climate control technology.

By the end of this virtual course, participants will be able to make informed decisions about selecting and using climate controls in their growing operations.

## The Event

- 6-week interactive virtual course via Zoom Events
- January 19 - February 23
- Live modules Thursdays 2:00 - 4:00 pm EDT
- Recordings available On-Demand

## Target Audience: 300-400 attendees

- Greenhouse growers and managers
- Indoor farm growers and managers
- Industry consultants
- Climate control manufacturers

## Confirmed Speakers

- Kale Harbick (USDA-ARS)
- Timothy Shelford (Cornell University)
- Kellie Walters (University of Tennessee)
- Melanie Yelton (Plenty)
- Ying Zhang (University of Florida)
- A.J. Both (Rutgers University)
- Josh Craver (Colorado State University)
- Jennifer Boldt (USDA-ARS)
- Stephanie Burnett (University of Maine)
- John Lea-Cox (University of Maryland)
- Fengqi You (Cornell University)
- Fokke Kracht (Koidra)
- Md Shamim Ahamed (UC Davis)

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## Module 1

Lighting Controls  
Jan 19 from 2-4 PM  
E.T.

**Outcome:** Understand how supplemental lighting systems enable consistent, quality crops year-round.

**Confirmed speakers:** Kale Harbick (USDA-ARS), Timothy Shelford (Cornell)

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## Module 2

Temperature Controls  
Jan 26 from 2-4 PM E.T.

**Outcome:** Discover how efficient temperature sensors and controls can improve crop production and reduce operation costs.

**Confirmed speakers:** Kellie Walters (Tennessee)

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## Module 3

Humidity Controls  
Feb 2 from 2-4 PM E.T.

**Outcome:** Learn the intricacies of measuring and controlling fluctuating humidity in your greenhouse to better control plant growth and health.

**Confirmed speakers:** Ying Zhang (Florida), AJ Both (Rutgers)

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## Module 4

CO<sub>2</sub> Controls  
Feb 9 from 2-4 PM E.T.

**Outcome:** Learn about available technology to measure and control CO<sub>2</sub> concentrations in your greenhouse to improve fruit yield, flowering, and plant strength.

**Confirmed speakers:** Josh Craver (Colorado), Jennifer Boldt (USDA-ARS)

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## Module 5

Irrigation Controls  
Feb 16 from 2-4 PM E.T.

**Outcome:** Explore different systems of greenhouse irrigation and learn how to control exactly how much water plants receive.

**Confirmed speakers:** Stephanie Burdett (Maine), John Lea-Cox (Maryland)

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## Module 6

Autonomous Controls  
Feb 23 from 2-4 PM E.T.

**Outcome:** Understand how autonomous technologies can control all aspects of a greenhouse's climate and how growers are using them in real operations.

**Confirmed speakers:** Fengqi You (Cornell), Shamim Ahamed (UC Davis), Fokke Kracht (Koidra)



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# Sponsorship Categories

Benefit	Description	Gold \$7,500	Silver \$5,000	Bronze \$3,000
<b>GLASE Membership</b>	2022/23 Annual GLASE Membership	Category 2	Category 2	Category 1
<b>Participation</b>	Present at the Short Course	30 min		
<b>Video</b>	Promotional Video	(see above)	45 sec	15 sec
<b>Printed Marketing</b>	Company logo and recognition	x	x	x
<b>Registration</b>	Complimentary course registrations	10	6	3



## 30 minute presentation in one Short Course module

This opportunity is being offered by invitation only to a selected group of well established Climate control companies. Our goal is to demonstrate the benefits climate control systems can offer to CEA growers and to provide CEA facilities training resources to educate their workforce.

As a presenting company, you will be able to demonstrate your product features to a wide audience of CEA growers interested in learning more about climate controls. Your company will be included among the most respected names in the CEA industry in a series of non-sales educational presentations to train CEA growers and inform the public about the benefits of climate control systems.

The presentations will be recorded and available for future access, extending the opportunity to promote your technology beyond the short course period.

## Complimentary GLASE Membership

As a Gold/Silver sponsor you will receive a complimentary 2022/23 GLASE annual membership. As a GLASE member, your company will receive all the GLASE benefits according to the selected category. A full description of GLASE benefits is attached.

## Complimentary Registrations

Receive complimentary registrations for your company members to the course.

- Gold: 10
- Silver: 6
- Bronze: 3

## Promotional Video

An opportunity to highlight and advertise your company products and services to a wide audience interested in CEA climate control systems. 60 seconds (Silver) and 30 seconds (Bronze) promotional videos will be presented at selected spots during the 6 weeks Short Course modules.

## Printed Marketing Materials

An opportunity to be recognized as a supporter of the GLASE Short Course. Your company logo will be displayed on the GLASE website, Short Course booklet, at the “sponsors” initial slide at the opening of each module, and in all promotional material sent by GLASE (including the newsletter, monthly notes for the short course, and future short course publications).

