



DR. JOHN LEA-COX

Real-Time Technologies to Help Farmers Adapt to a Changing Climate

Most farmers manage various forms of risk every day, and often employ adaptive management techniques to mitigate those risks. John will describe his approaches to help farmers with time-sensitive management decisions, by using real-time sensing techniques. He will illustrate these concepts by using three case studies – temperature and disease management in strawberry, and irrigation management of green roofs.

Spring 2022 PSLA

LECTURE

SERIES

February 21, 2022

**PLSC Building: RM
1140**

Time:

12PM

[UMD Zoom](#)

**Graduate student
lunch w/ speakers**

1PM

PLSC RM 2107/2109

As a researcher and extension specialist, John has specialized in water, nutrient and pathogen management of intensive ornamental and crop production systems since 1993. He strives to find ways to provide growers with their own environmental information, utilizing sensor networks and intelligent software. His goal is to help people to make better decisions, conserve resources, improve their profitability and reduce the environmental impact of their production practices.



**COLLEGE OF
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AND LANDSCAPE ARCHITECTURE