



# EASY DRONE USE FOR BETTER FARMS WORKSHOP

## AGENDA ITEMS

08:00 am – 08:20 am	Registration, Drone Display and Coffee	Conference Room 3
08:20 am – 8:30 am	Welcome and Introduction Dr. Diaa Eldin Elshikha	Conference Room 3
08:30 am – 09:00 am	Impact of Drone Image Analytics in Agriculture Dr. James Kim	Conference Room 3
09:00 am – 09:30 am	Early Lessons from Drone-Based Imaging for a Pecan Orchard in Desert Southwest Dr. Saurav Kumar	Conference Room 3
09:30 am – 10:00 am	Crop and Weed Discrimination Mr. Evan McGinnis	Conference Room 3

10:00 am – 10:30 am	101 Use Cases for Drones in Agriculture Markus Weber	Conference Room 3
10:30 am – 10:40 am	Scheduled Break	Main Lobby
10:40 am – 11:30 am	A Full Agricultural Workflow for Precision Application Scenarios with Pix4Dfields Kapil Khanal	Conference Room 3
11:30 am – 12:00 pm	Application of Spectral Sensing and Imaging Techniques in Turfgrass Research Dr. Des Serba	Conference Room 3
12:00 pm – 12:30 pm	Lunch Break	Conference Room 3
12:30 pm – 1:00 pm	General Overview of Drone Regulations Dr. Timothy B. Holt	Conference Room 3
01:00 pm – 1:30 pm	Introduction to Spraying by Drone Markus Weber	Conference Room 3
1:30 pm – 2:30 pm	Mastering Drone Operations: Hands-On Training in Flight Techniques Image Collection Dr. Said Attalah and Dr. Diao Eldin Elshikha	MAC Field 106



**Biosystems  
Engineering**



### **Event Information**

**Location:** The University of Arizona Maricopa Agricultural Center

**Date:** January 31, 2024

**Time:** 8:00 am – 2:30 pm

**Organizer:** Daa Elshikha (*diaaelshikha@arizona.edu*)

**Location Address:** 37860 W Smith Enke Rd Maricopa, AZ 85138

**Zoom Link:** <https://arizona.zoom.us/j/88670748152>