South West Termite Academy

October 23 – 24, 2019

University of Arizona
Maricopa Agricultural Center
37860 W. Smith-Enke Rd, Maricopa, AZ 85138

A partnership

Don’t miss this opportunity to participate in a rare training event. Space will be limited. More details to follow.

Topics

✓ A comprehensive look at the task of managing termites
✓ Instruction by leading local experts from the University of Arizona, local agencies and local industry experts
✓ Combination of classroom and field demonstrations addressing best management practices
✓ Hands on practical field training at the Maricopa Agricultural Center
✓ Limited attendance allowing for individual attention
7:00 am  Registration, Breakfast & Vendor Time  
   AzPPO Team

7:30 am  Welcome & Introductions and Pre-Quiz,  
   University of Arizona, Dr. Lucy Li & Dr. Dawn Gouge

8:15 am  Termite Biology and Behavior  
   Dr. Paul Baker

9:15 am  Construction 101 - Dr. Paul Baker

10:00 am  Break & Vendor Time

10:30 am  Termiticides Modes of Actions, Formulations and Selection Criteria  
   CSI, Dr. Janis Reed

12:00 pm  Lunch & MFG Updates – reconvene in stations

1:00 pm  Work Groups – 20 min each with 5 min to move from each station

   **Rotation Demo Work Groups: Session A: IPM Foundations**
   
   1:05 Identification: Dr. Paul Baker (20 min)

   1:30 Indoor Inspection: Bayer, Jackie Bell (20 min)

   1:55 Exterior Inspection: Syngenta, Scott Baldwin (20 min)

2:15 pm  Termite Calibration – Outdoor led by: CSI, Rob Ives & Dr. Janis Reed

   **Rotation Demo Work Groups: Session B: IPM and Management**

   2:50 - 20 min- Hilti- Drill techniques, Termite rods & trenching tools- B&G, John Cotton

   3:15 - 20 min- Termite Rigs & Equipment: Arizona Spray, John Miller

   3:40 - 20 min- Nisus Foaming Techniques & Equipment: Nisus, Jim Sparks

4:05 pm  Q&A inside & review next day schedule & Adjourn
7:00 am  Check in, Breakfast & Vendor Time  
   AzPPO Team 

7:30 am  Termite Baiting & Techniques  
   BASF, Sylvia Kenmuir 

8:30 am  Regulation and Termite management / Pretreat Overview  
   DOA, Vince Craig 

8:30 am  Drywood Termites Vs Subterranean Termites (including carpenter ants)  
   University of Arizona, Dr. Shaku Nair 

10:30 am  Break & Vendor Time 

11:00 am  Termite Math & graphing  
   Syngenta, Eric Paysen 

11:45 am  Lunch & Vendor Time 

1:15 pm  Termite Technology & Innovations  
   BASF, HP Machine Sylvia Kenmuir 

2:05 pm  Termite Working Groups: Session C: Putting it All Together in a Presentation!  
   Time to see what you have learned. Each group will be assigned a scenario using all the working group information over the last two days. A termite program will be designed and a presentation will be given to the group. 

3:05 pm  Scenario Presentations: Groups of 10 with Q&A 5-7 min presentations  
   AzPPO Team 

4:15 pm  Awards  
   AzPPO President, Chris Gillies 

4:30 pm  Post Quiz / Wrap Up  
   University of Arizona, Lucy Li & Dawn Gouge
As an Urban Extension Specialist/Professor in Entomology, Dr. Paul Baker’s responsibilities were to provide statewide leadership in area of applied urban problem-solving research specifically termites and ants. His research program has focused on the biology, ecology and control of subterranean termites in Arizona and the arid southwest USA. The primary objective has been on control of subterranean termites, particularly *Heterotermes aureus*, and the most common urban pest problem in Arizona. In the past, he focused on the control of *H. aureus* using the baiting programs that provide some alternative strategies to the standard liquid termiticides for the homeowner. He currently has evaluated all of the liquid registered termiticides in 5-year degradation plots at the University Research Facility. The experiments were established to compare termiticides exposed to the elements versus those covered with four inches of concrete and a wood cover as a protection from the environment. In support of his applied research, triple mark and recapture field studies have been completed to increase our understanding of termite foraging territories with implications for baiting. The baiting strategy in the southwest USA, particularly in Arizona, is significantly different than most of the USA, primarily as it relates to foraging territories, numbers of individuals in the colony and environmental conditions. Using urban and desert grids, his team are attempting to characterize the foraging and ecology of *H. aureus* colonies, along with an evaluation of selected chemicals for repellence and attractant to termites.

As statewide Extension Pesticide Coordinator for over 20 years, Paul provided leadership in developing, coordinating and implementing educational programs on agricultural and urban pesticide applicator training, pesticide information transfer, pesticide usage and statewide communications. Our objective is to raise the level of professionalism of the pesticide applicator nationally and within the state by providing accurate and timely information through sound educational programs.
What Do I Do Now?

1. **Reserve** Registration is limited to a maximum of **100 students** and limited to two per company or agency on a first come - first in basis.

2. **Complete** the registration form on the last page. All registration is being done thru:
   - Laura Taylor at AzPPO
   - [laura@sossolutions.com](mailto:laura@sossolutions.com) for questions.
   - [www.Azppo.org](http://www.Azppo.org) to register online.

**Registration Deadline:** Tuesday, October 15, 2019

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**Suggested Place to Stay**

**Harrah’s Ak-Chin**
5406 N Maricopa Rd
Maricopa, AZ 85139
Phone: (480) 802-5000

No room block is available. Call the hotel for rate information.

**CEU’s applied for:**
AZ, NV, NM and CA AG and SPCB

**Hotel**

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Tuesday, October 15, 2019

**$165.00 AZPPO Registered Companies**

**$225.00 Non-AZPPO Registered Companies**

**LIMITED TO 100 participants**

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**SWTA 2019 Registration Form**

*Proceeds to benefit University of Arizona – Arizona Pest Management Center and AzPPO*

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