

Southern IPM Center And SERA-03 Update

October 2, 2022

Southern
IPM
Center

2022 SOUTHERN IPM GRANTS

- [1890 Small Farm Integrated Pest Management for Underserved Audiences Working Group](#)
- [Addressing Emerging Viruses in Cucurbits Through a Working Group and Stakeholder Education](#)
- [Conservation Biological Control of Crapemyrtle Bark Scale through Education and Demonstration](#)
- [Developing cultivar resistance as a management tool against aerial blight on soybean](#)
- [Herbicide injury symptoms, diagnostics and continuing education](#)
- [Integrating Pest and Pollinator Management Strategies for Ornamental Plant Production](#)
- [Integration of Natural Enemies into Sugarcane Aphid IPM in Sorghum Using Spatial Modeling to Forecast Risk and Guide use of IPM tools](#)
- [Investigating Insecticide Concentrations in Peach Extrafloral Nectaries](#)
- [IPM Working Group: Mosquito BEACONS - Biodiversity Enhancement And Control of Non-native Species](#)
- [Using Boxwoods as Case Study for Implementing Japanese Maple Scale IPM](#)

Previous Project

What did we learn?



- Grants
- Recognizing IPM Leaders
- Signature Programs
- Developing IPM Data



Significant signature program successes?

Technology

- Supporting MyIPM, pest monitoring programs, hosting ~40 websites, consulting

Invasive Species

- Supporting reporting of invasives across the south with focused programs on crapemyrtle bark scale, kudzu bug, rose rosette, tawny crazy ant, spotted wing drosophila, brown marmorated stink bug, emerging viruses in cucurbits

Resistance Management

- Slow to develop - efforts starting in diamondback moth, cowpea curculio

Pollinators

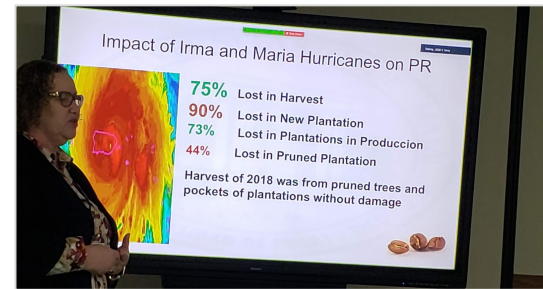
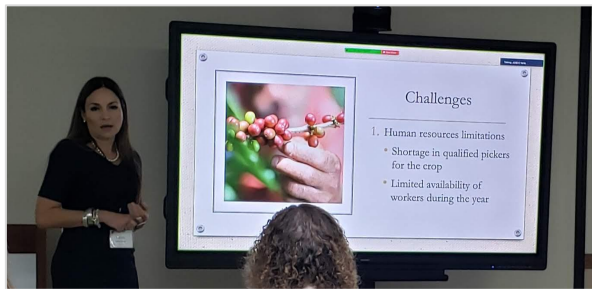
- North Central working groups leading the way

Underserved Audiences

- Plans - Hurricane - Revised plans - Building partnerships

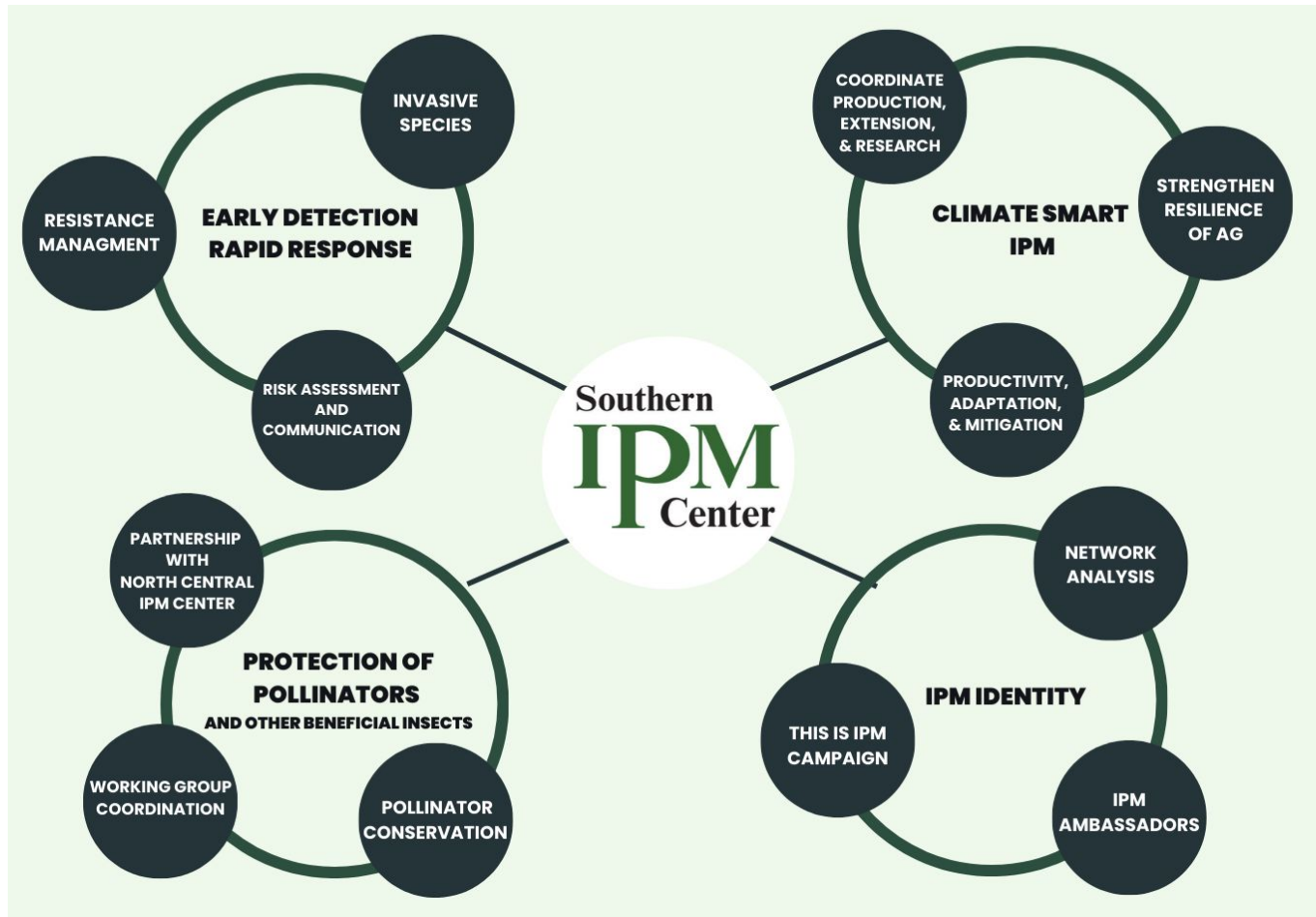
IPM is Data Driven: How do we get data?

- Changing how we get Pest Management Strategic Plans - Direct requests
- Making use of data - Priority search
- Improved dialogue with USDA Office of Pest Management Policy (OPMP)



Signature Programs

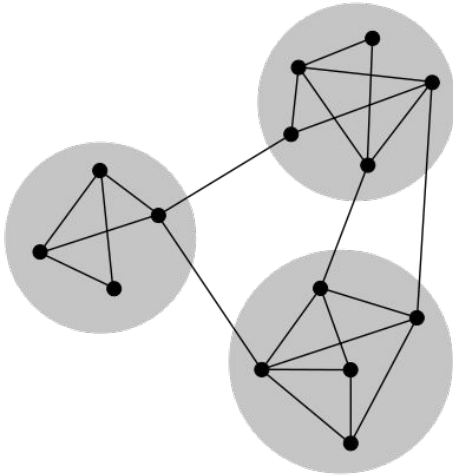
1. Climate Change
1. IPM Identity
2. Pollinators
3. Early Detection Rapid Response



IPM Identity

Towards forming a cohesive, harmonized,
and collaborative IPM identity

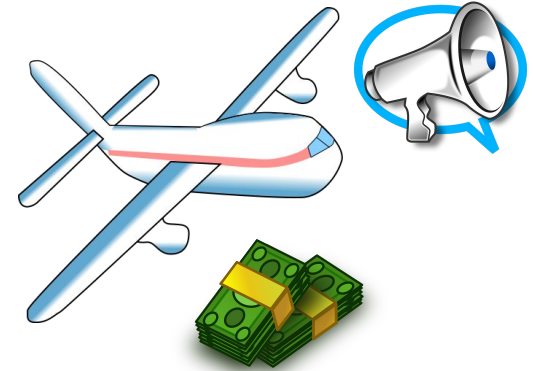
Network Analysis



This is IPM Communication Campaign



IPM Ambassador Travel Grants



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SERA-03

SERA 3 Annual Meeting was held February 28, 2022 at the International IPM Symposium in Denver, CO:

- o SERA3 renewal: Dave Monks (administrative advisor and chair of SERA3 review committee) provided an update and overview of the renewal process. Current project ends on 9/30/22.

- o State IPM programs updates were provided by IPM Coordinators

- o Updated regional IPM Priorities and discussed survey to determine top priorities in the region.

SERA 3 meeting on April 21, 2022:

- o Regional IPM priorities were discussed at length

SERA 3 as a multiregional project ends in September 2022. Renewal has been approved.