

# Bridging science and practice to improve public utility water supply



## Social Science within FloridaWCA



Wendy-Lin Bartels  
Orlando, 11 April 2014



### Acknowledgements

#### Facilitation Team

Lisette M. Staal, Jessica Bolson, Sebastian Galindo-Gonzalez, Tracy A. Irani

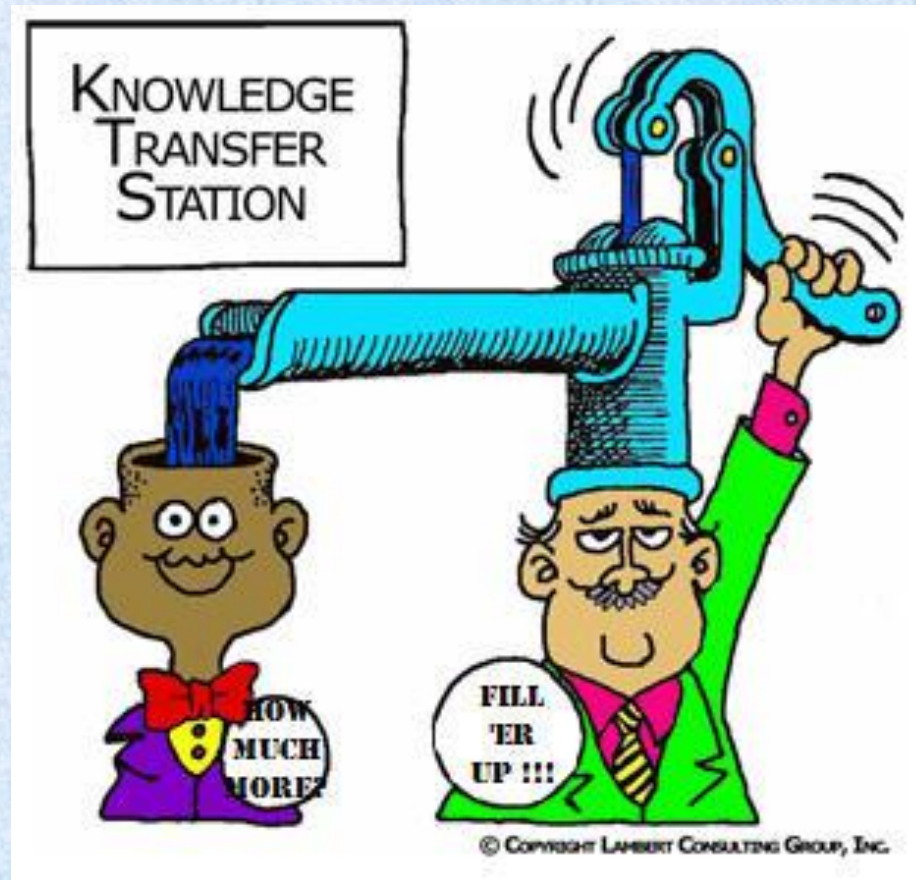
Mason Mathews: Network analysis



Water Institute

“Simply identifying a potential use, or hoping that information might be useful, is not enough to ensure usability”

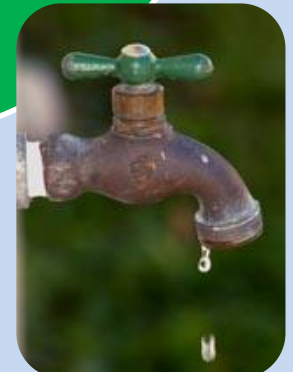
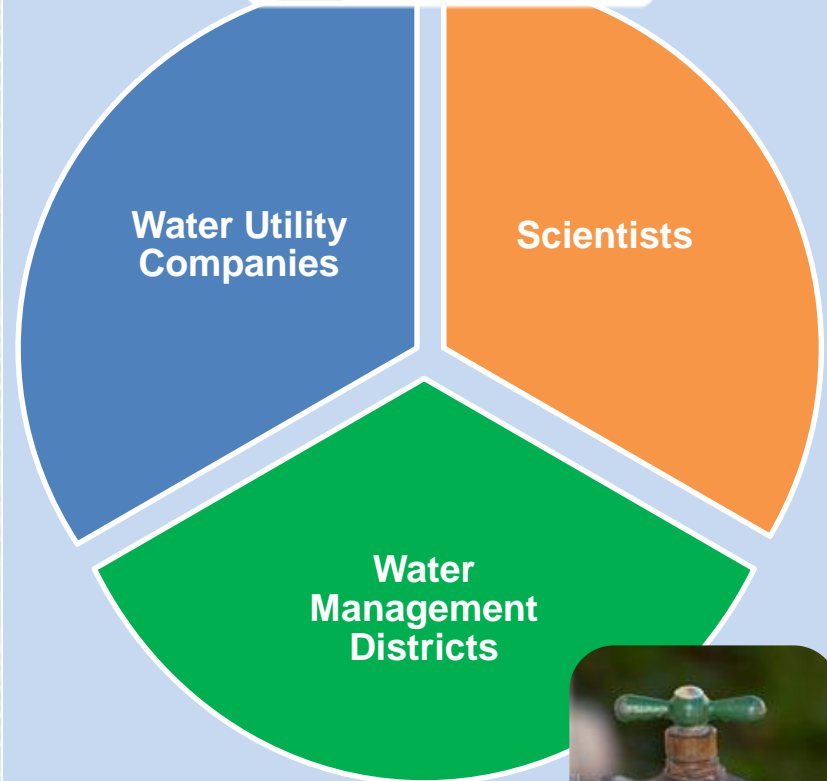
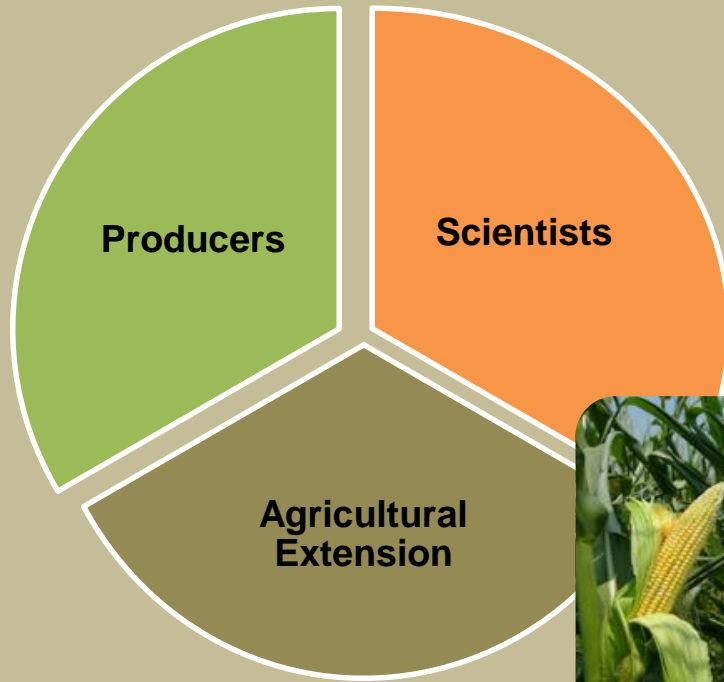
Dilling and Lemos 2011 pg. 687



How do we develop ***ACTIONABLE science?***

# Learning Communities...crossing boundaries

## Tri-state Row Crop Climate Group



GOAL: To examine the factors that shape the evolution & effectiveness of the group



# Research Process

## PHASE I Expectations, Goals, Participation

### Baseline

- Telephone Interviews  
Post meeting 1  
Sept/Oct 2010
- Online Survey
- SNA  
At Meeting 2

Phone Interview responses = 21  
On-line Survey responses = 13  
SNA = 100% of respondents = 21

## PHASE II Group Dynamics

### Continuous

- Participant Observation
- Evaluation Exit Surveys
- Feedback into meeting planning (activities)

## PHASE III

### Lessons Learned

- Online survey  
Post meeting 10  
March / April 2014
- SNA
- Telephone Interviews

**Benefits, Barriers & Measuring Success**

# Our evolving network

*“I was surprised because I thought people knew each other more – especially the water management districts and utilities...” - Academic*

2010 Meeting 1 = 21 People in network  
2014 Meeting 10 = 101 People in network

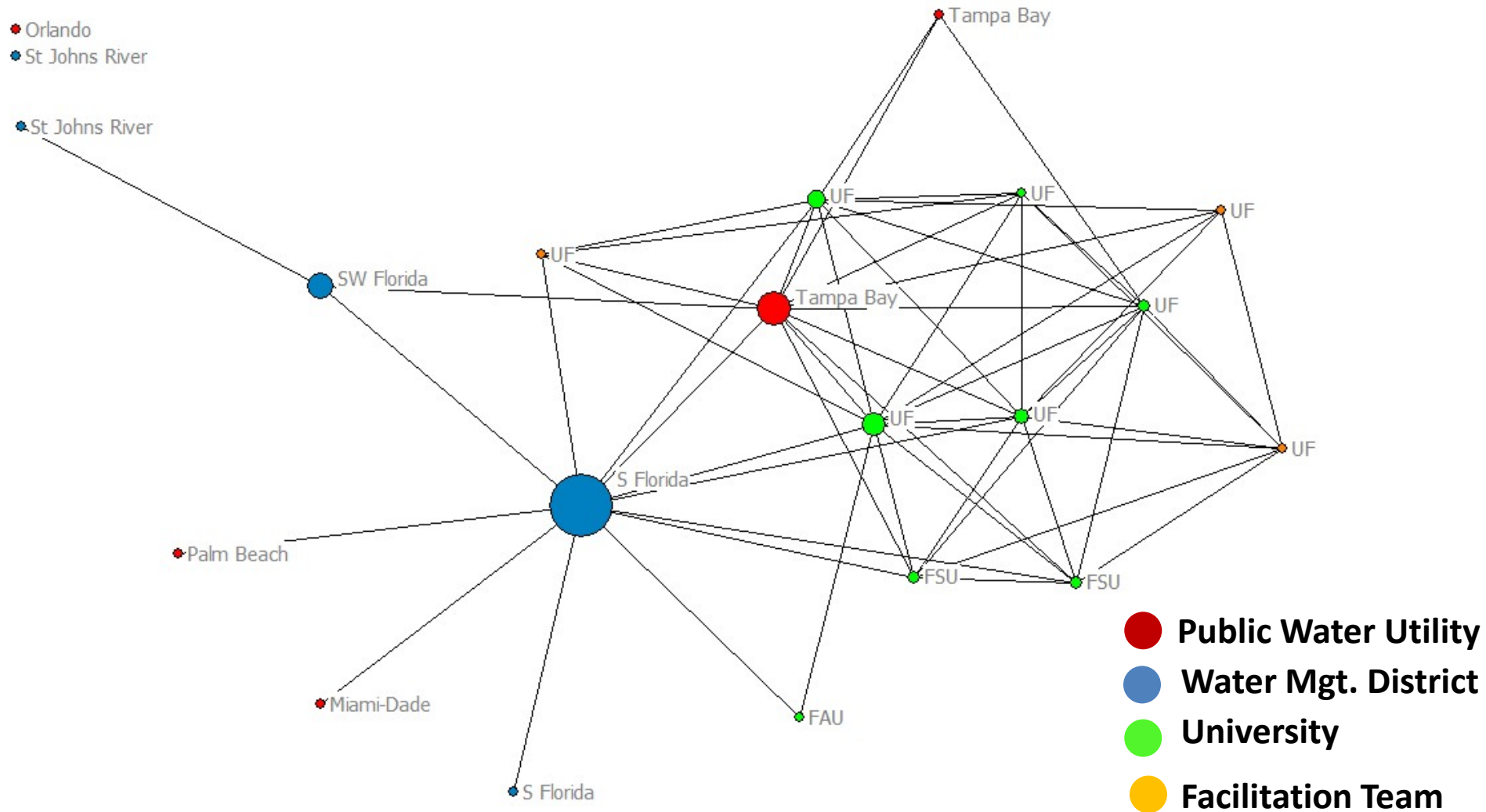
+++ consultants, government employees  
... reporters

Different levels of participation  
... Core & Periphery

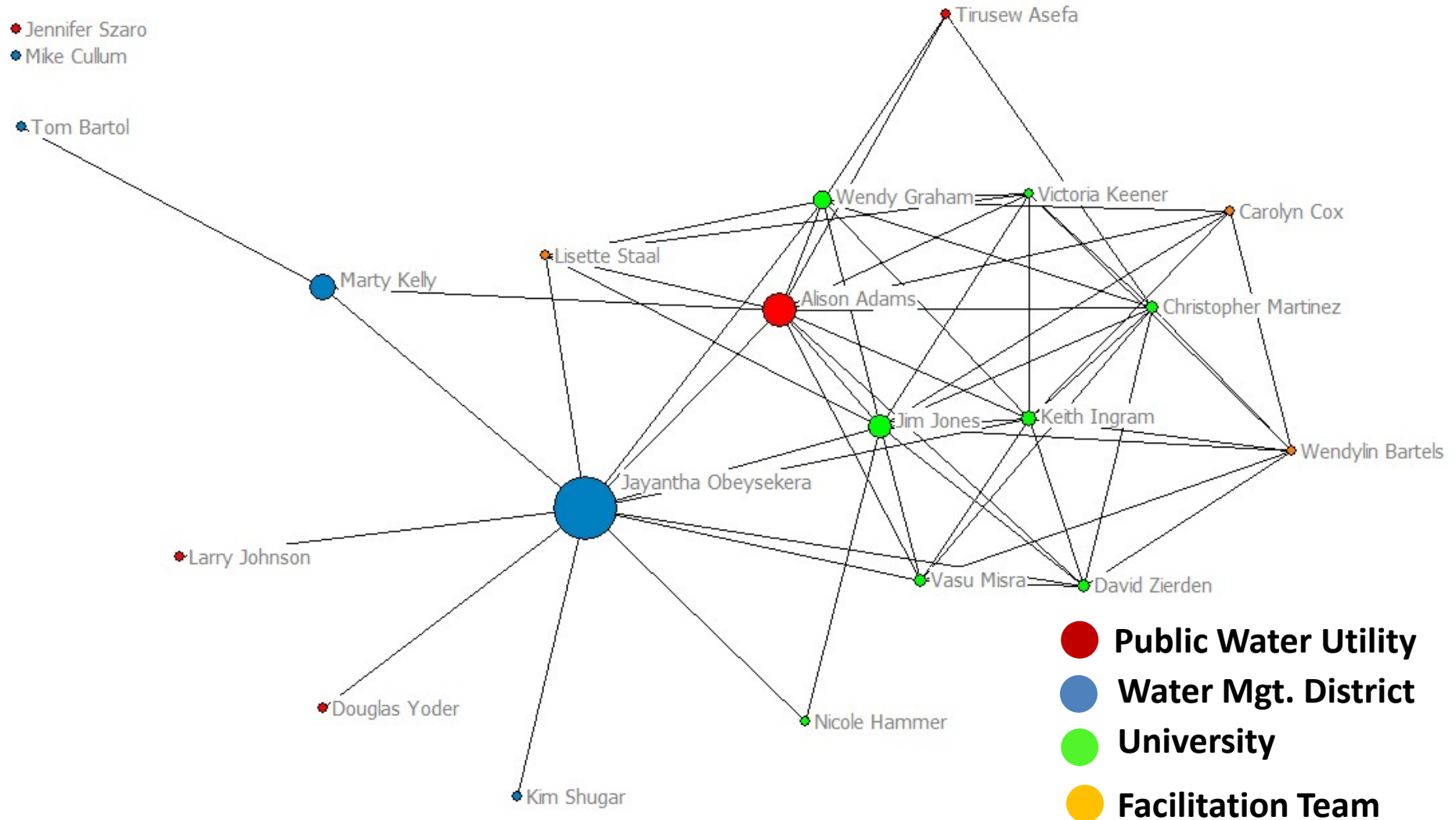
Different needs, motivations...  
Different kinds of interactions  
Different interpretations of success



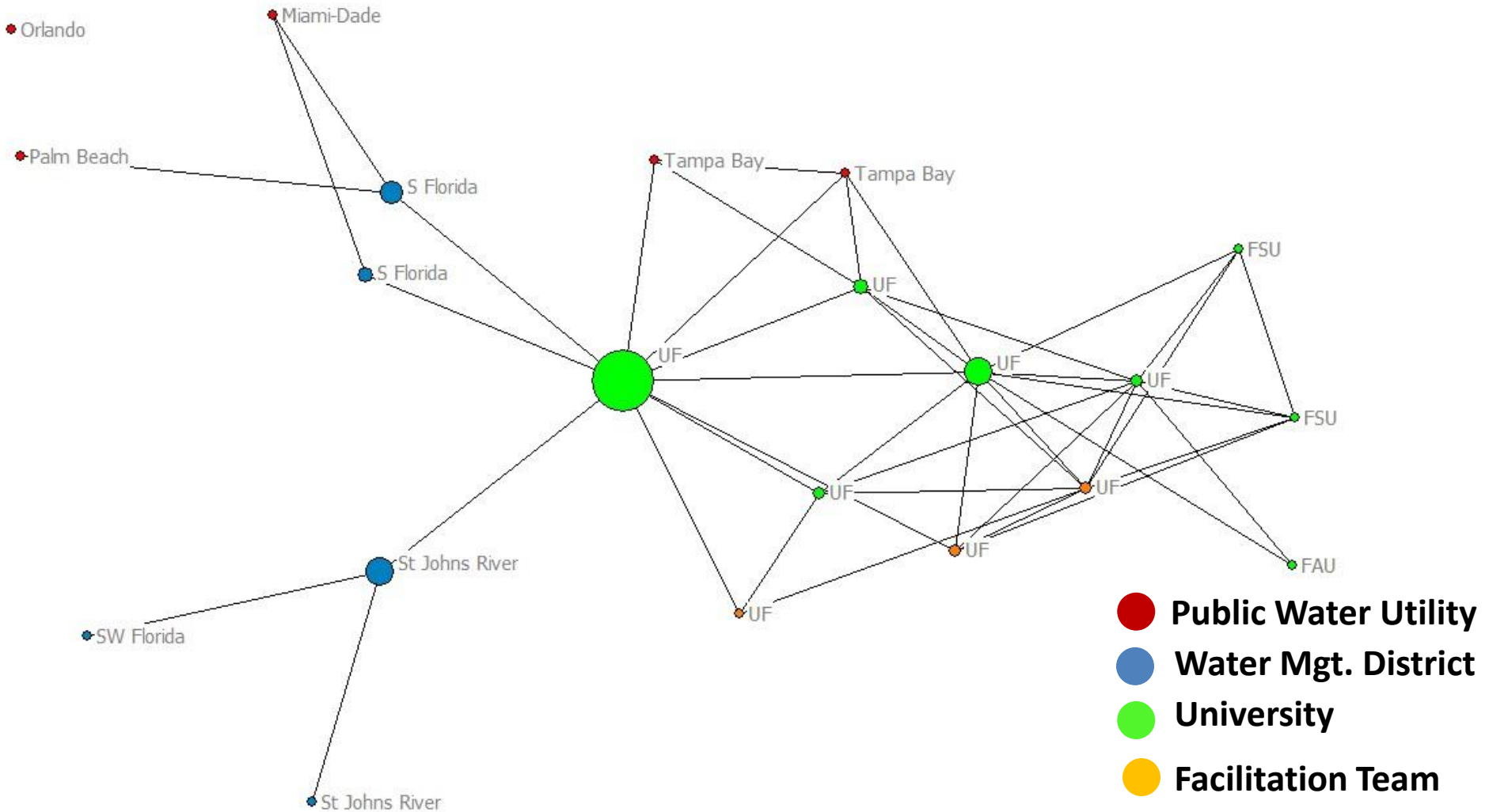
# Institutions that exchanged climate-related information in 2010



# People that exchanged climate-related information in 2010

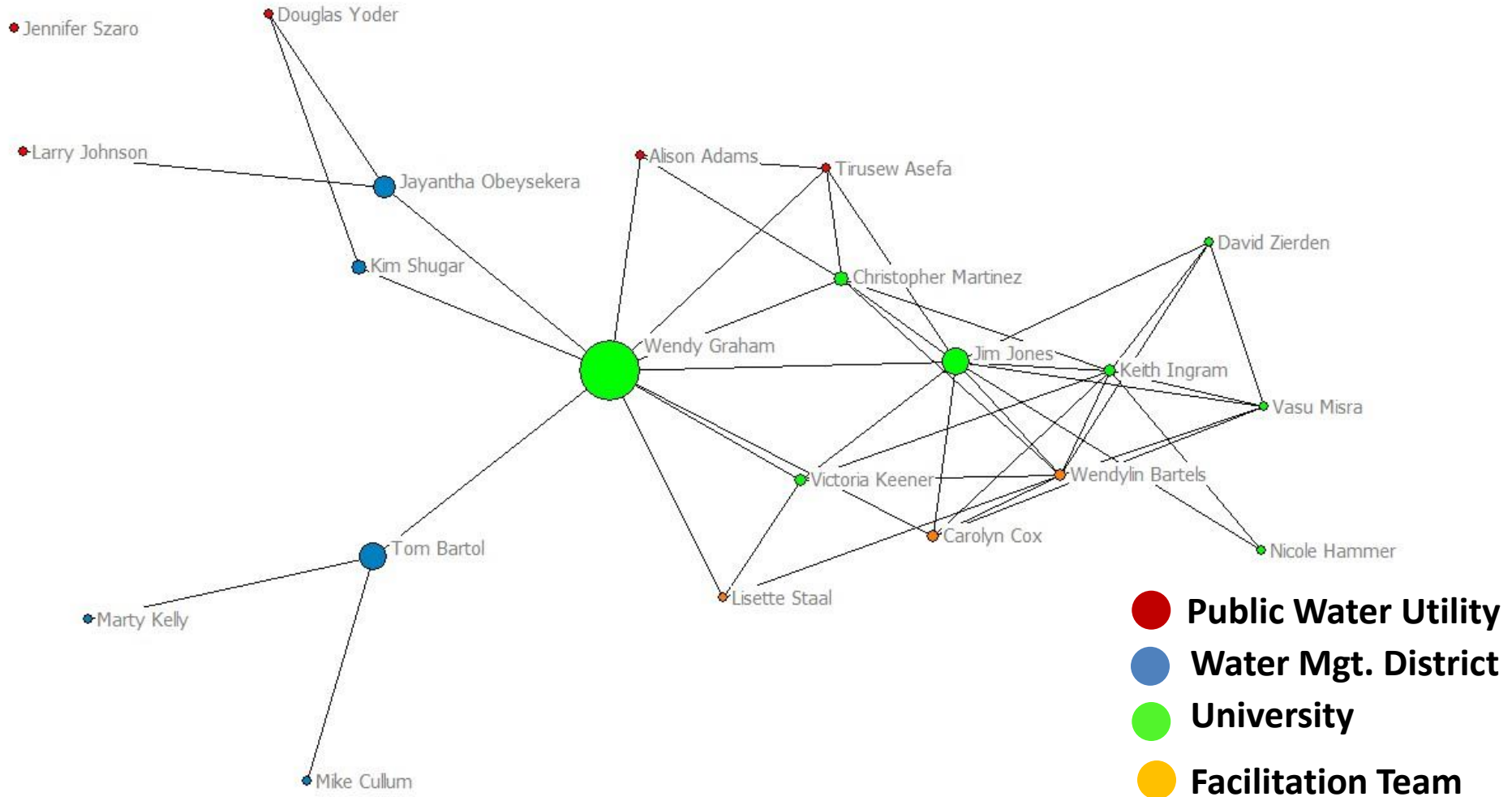


# Institutions that partnered on projects in 2010





# People who partnered on projects in 2010



# Are you ready for PHASE III?



Expect to hear from us for next round of SNA +++