

# 2013 Water and Wastewater Infrastructure Finance

Environmental Finance Center  
UNC School of Government

February 5-6, 2013  
Chapel Hill, NC



UNC  
ENVIRONMENTAL FINANCE CENTER

[www.efc.unc.edu](http://www.efc.unc.edu)

# WATER IN OUR WORLD

UNC's Pan-Campus Water Theme for 2012 – 2014

HOME

BACKGROUND

STEERING COMMITTEE

PARTNERS

EVENTS CALENDAR

COURSES & RESEARCH

WATER THEME



## Upcoming N.C. Water Resources Association event announcement

Jan  
03  
2013

Published by [sgbarber](#) under [Uncategorized](#)

**NCWRA Luncheon and Forum: "Clean Water Management Trust Fund: Understanding Programmatic Changes and the Future of North Carolina's Surface Waters"**

### CONTACT US

Please direct all questions, comments, and suggestions about the UNC Water Theme to the following address - [watertheme@unc.edu](mailto:watertheme@unc.edu)

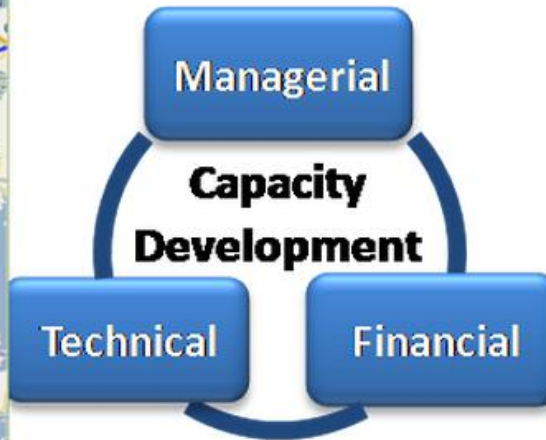
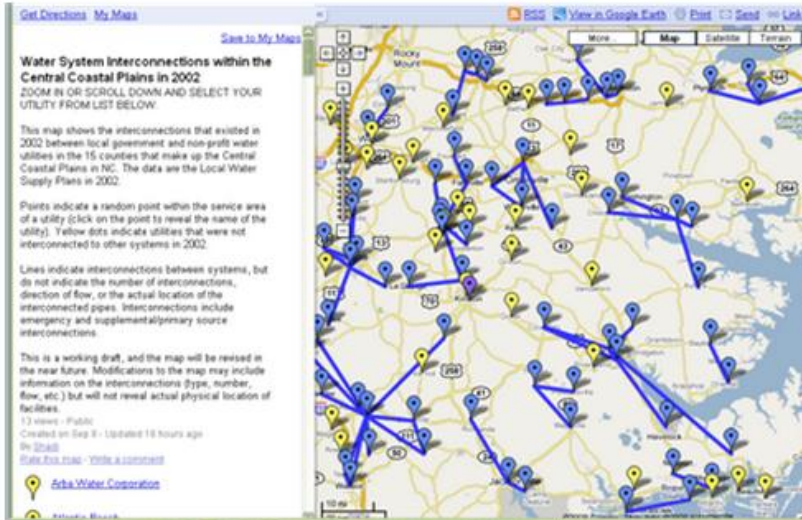
WEEKLY NEWS & NOTES

### RECENT POSTS

- ▶ [Upcoming N.C. Water Resources Association event announcement](#)
- ▶ [University-wide course on Water set for Spring 2013](#)

<http://vimeo.com/46153766>

# Water System Capacity Development Support



Funded by the  
**NC Department of  
Environment and  
Natural Resources**



# Smart Management for Small Water Systems

\*under a Cooperative Agreement with the US EPA



## Smart Management for Small Water Systems



### Overview of Available Programs and Services

*under a Cooperative Agreement with the US EPA*

[www.efcnetwork.org](http://www.efcnetwork.org)



- The EFCN will provide training and technical assistance to small public water systems in all fifty states and five territories to help local water systems achieve and maintain compliance with the Safe Drinking Water Act.
- Workshops and trainings will be provided in these areas:
  - Asset Management
  - Water Loss Reduction
  - Water System Collaboration
  - Fiscal Planning and Rate Setting
  - Energy Management
  - Funding Coordination, and
  - Managerial and Financial Leadership

### **Contact Information:**

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# Workshop Acknowledgements

- Public Water Supply Section, Division of Water Resources, NC Department of Environment and Natural Resources
- US Environmental Protection Agency

# Latest Crisis Report



*Water-related infrastructure in the United States is clearly aging, and investment is not able to keep up with the need. If current trends continue, the investment required will amount to \$126 billion by 2020, and the anticipated capital funding gap will be \$84 billion.*

# Workshop Objectives

1. Improve understanding of sustainable finance strategies, practices, and funding sources
2. Improve understanding of evolving trends and external drivers that influence financial health and strategy
3. Improve understanding of pricing trends and strategies
4. Provide forum for sharing financing perspectives, ideas, and experiences

# Utility Finance Paths

1. Spend/pay as you go
2. Save and spend later
3. Spend borrowed funds and pay later
4. Spend grant funds and get “someone else” to pay



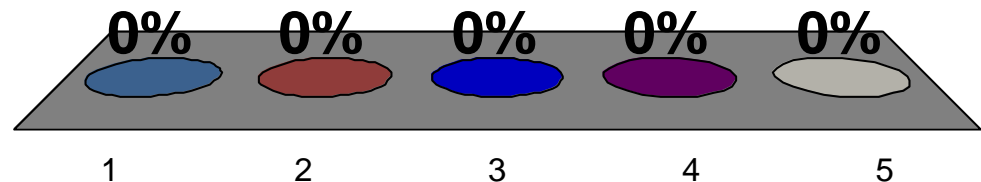


# Introductions: Project on your mind??

- Where are you from?
- What do you do?
- What is the first thing that comes to mind when you hear “water”
- If applicable, an interesting or intimidating project (name, estimated cost)?

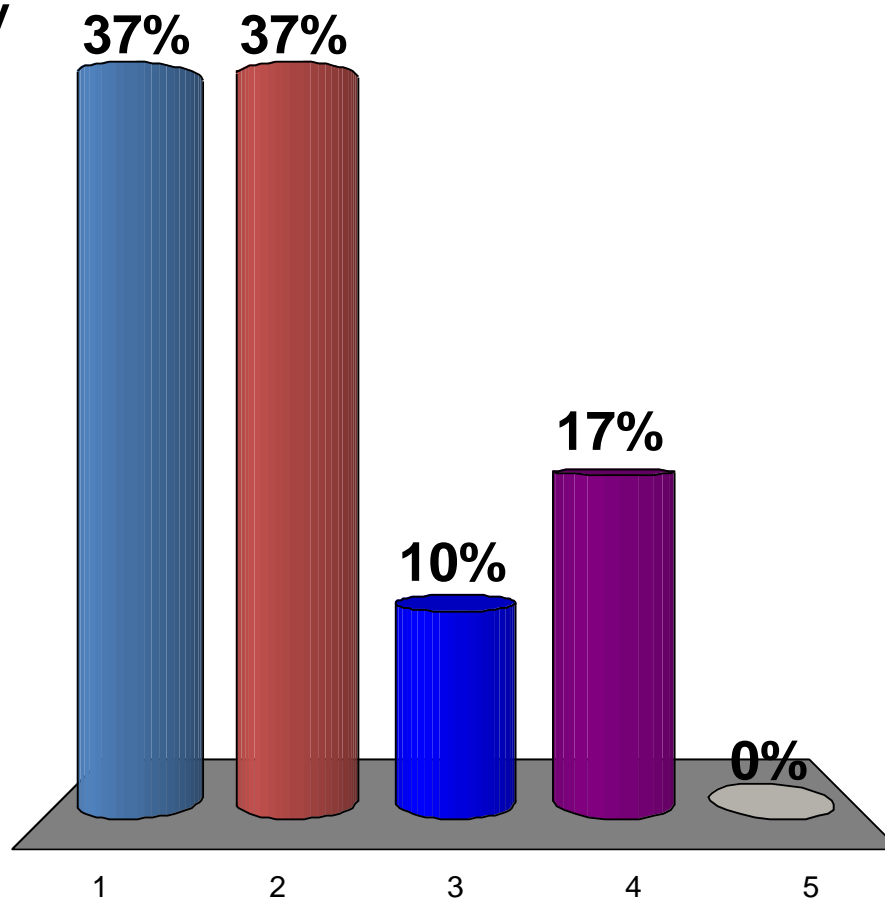
# Estimated cost of capital projects in your community over next 10 years?

1. Below 3 million
2. Between 3 million and 6 million
3. Between 6 million and 10 million
4. Over 10 million
5. I have no idea?



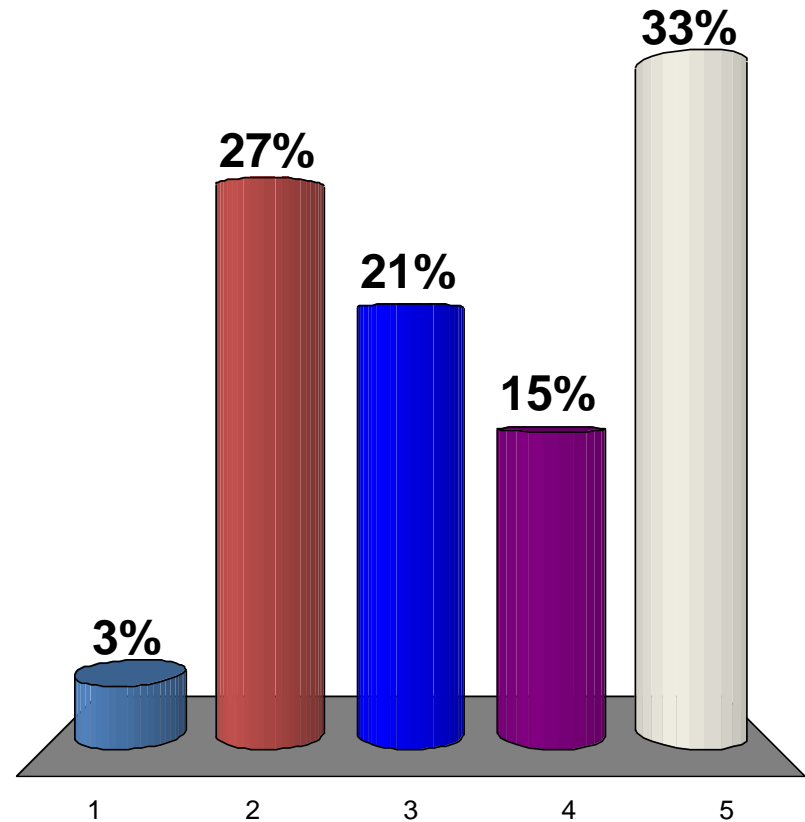
# What best describes your utility (or utility work focus for non-utility participants)?

1. City utility with a city focus
2. City utility with a regional focus and operation
3. County utility
4. Authority or special purpose utility
5. Other



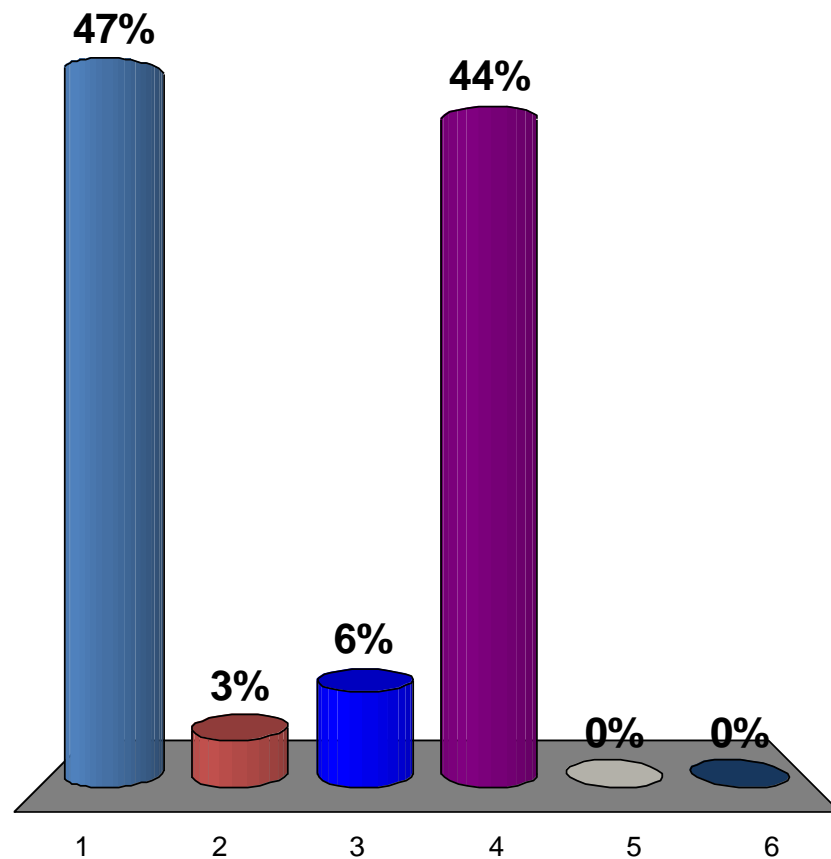
# How many people are served by your utility (or by utilities you most often help for non-utility participants)?

1. Less than 1,000
2. 1,001 to 3,500
3. 3,501-10,000
4. 10,001-50,000
5. More than 50,000



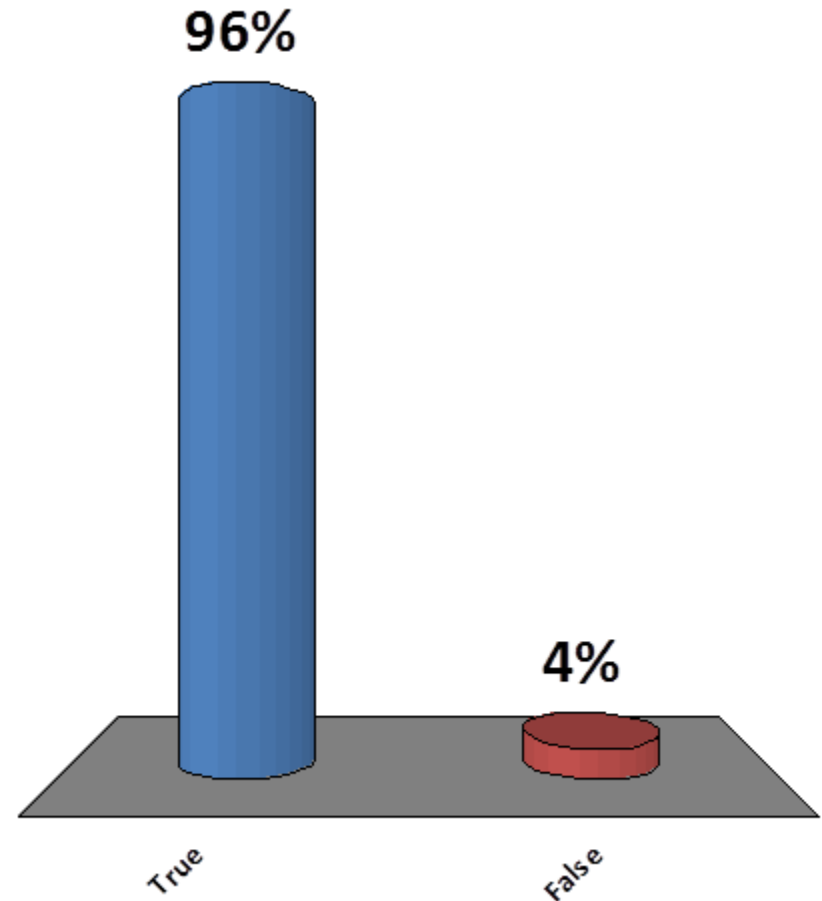
# In an ideal world, residents in my area would be best served by getting water from?

1. Utility owned by our city
2. Utility owned by another city
3. Utility owned by county
4. Utility owned by an authority/multi-jurisdictional unit
5. A private well
6. Other



Your opinion? “In most cases a local government in NC is better off owning its own water system than to have others provide the service...”

1. True
2. False



Data Source: Informal survey of 25 utility board leaders in Eastern NC, January 2013



# Meanwhile, in Washington.....

- Water Infrastructure Finance and Innovation Authority (WIFIA, H.R. 3145)
  - Loans, loan guarantees
  - Strong industry advocates
  - House Transportation and Infrastructure Subcommittee on Water Resources and Environment

