



Water Research Foundation
Delivering Research - Supporting Action
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advancing the science of water



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Water Research Foundation

Delivering Research - Supporting Action

- 50 year history advancing the science of water
- Developing and delivering research supported by nearly 1,000 subscribers and needed and trusted by the international water community
- Supporting the water sector to apply research knowledge

WRF's Evolution

- From a research agenda focusing on drinking water to one that embraces the “one water” concept:
 - Water from all sources must be managed holistically and cooperatively to meet economic, social, and environmental needs**
- From a technical report generator to developing and providing:
 - Resources and tools
 - Education opportunities (webcasts, workshops)
 - Professional networking and guidance

Current Industry Drivers

- Infrastructure Management and Investment
- Utility Finance and Management
- Water Supply Diversification



Infrastructure Management and Investment

advancing the science of water

Infrastructure Management and Investment

Water utilities are among the most capital intensive utilities

Many assets across North America are reaching the end of their life cycles with repair and replacement cost estimates = **\$334.8 billion over the next 20 years**

More than 50 related research projects and more than 10 webcasts completed to date

Infrastructure Management Related Focus Areas

- Defining Attributes and Demonstrating Benefits of Intelligent Distribution Systems
- Water Utility Infrastructure: Applying Risk Management Principles and Innovative Technologies to Effectively Manage Deteriorating Infrastructure

www.WaterRF.org/Knowledge

Knowledge Portals: Asset Management

The Foundation | Knowledge Portals | Resources | Funding

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Asset Management

- Climate Change
- Disinfection By-Products
- Distribution System Management
- Energy Management
- Microbials
- Utility Finance
- Water Supply Diversification

Projects & Reports (53) Webcasts (11) Case Studies (2) Web Tools (3)

Water utilities are among the most capital intensive utilities and so effective infrastructure management is critically important. A large number of assets across the U.S. are reaching the end of their life cycles - with repair and replacement cost estimates reaching \$334.8 billion over the next 20 years.

Executive Tool Kit

- Topic Overview
- Media Library

Fact Sheets

Elements & Background

Risk Management

Breaks & Leaks

Deterioration & Assessment

Renewal

Start | Internet Explorer | Outlook | Word | Excel | PowerPoint | 4:15 PM 3/2/2015

www.WaterRF.org/resources/magazine



Infrastructure Management Highlighted Project

Answers to Challenging Infrastructure Questions Project #4367

- Update/add-on to popular past project
- Report delivered in easy to understand and apply Q&A format
- Fun animation - promoting the issue, project, and WRF support

Somewhere in California...

Water
Research
FoundationSM

Water Research Foundation Commitments Moving Forward

Maintaining a utility-driven research agenda

Driving and supporting a “one water” perspective

Power is in the partnerships - bringing the best of the best together



Thank You!

www.WaterRF.org

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