Building Community Resilience Through Social and Financial Capital

National Capital Region Water Resources Symposium

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resilience:  rəˈzilyəns

Noun
Merriam-Webster

1: the capability of a strained body to recover its size and shape after deformation caused especially by compressive stress

2: an ability to recover from or adjust easily to misfortune or change
Urban water utility resilience in action

MITIGATION: PROJECT HIGHLIGHT

Protecting a City’s Water Storage after Wildfire

Soil Erosion

Hillside now stabilized where wildfire nearly destroyed the vegetation which held the sandy soil under foundations of the city’s water tanks.
A sustainable, resilient utility demonstrates:

1. financial strength and stability;
2. ability to adapt to climate change and other environmental effects as well as deploy mitigation strategies;
3. commitment to equipping and responding to the needs of its workforce, and;
4. communication with customers, stakeholders and partnerships within its community.

Ref: https://www.amwa.net/resilience-climate-adaptation
People are critical
Communication is foundational

- Rates
- Infrastructure
- Resilience/Preparedness
- Communication
Communicate to build a shared community water system vision
Resilient Workforce
Resilient Workforce + Utility Partnerships = Resilient utility

Above: A utility employee in Houston during Hurricane Harvey (Photo credit: Houston DPW)
A sustainable, resilient utility demonstrates:

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Communication is foundational

- Rates
- Infrastructure
- Resilience/Preparedness
- COMMUNICATION
Solutions in financing

- WIFIA
- State Revolving Funds
- Bond market
- Other financing approaches
Funding Options

- WIFIA
- State Revolving Funds
- Bond market
- Other financing approaches
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Thank you

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www.amwa.net

https://www.amwa.net/resilience-climate-adaptation

https://www.amwa.net/water-infrastructure-investment-financing