

# Are Water and Wastewater Utilities Ready for Climate Change?



How to best utilize information gathered from case studies on climate change adaptation among water and wastewater utilities

Presented by Katie Connolly and David Fuente



UNC  
WATER INSTITUTE

# The Project

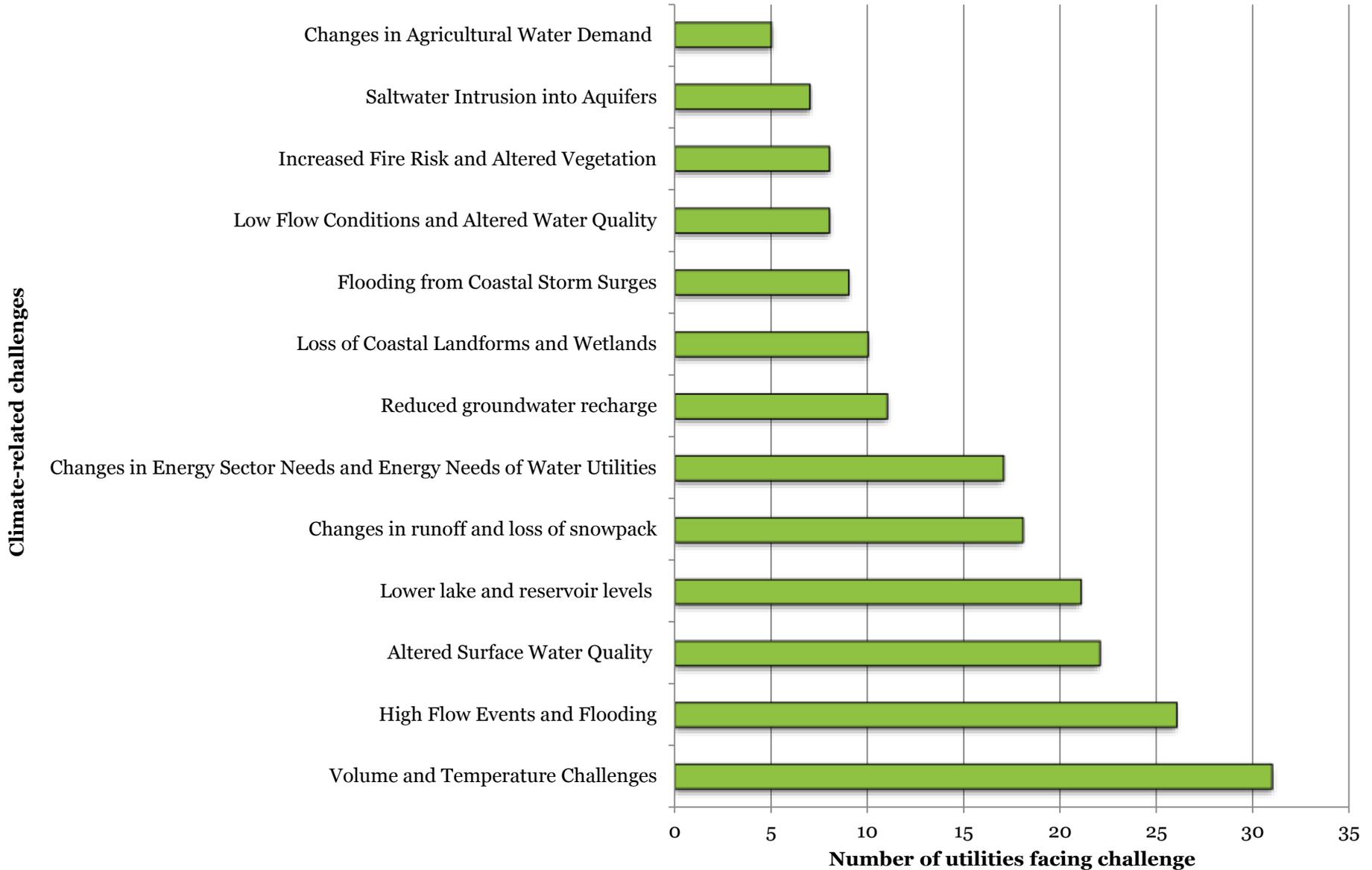


- Compiled database of case studies on climate change challenges faced by water and wastewater utilities around the world and actions these utilities are taking or plan to take in response
  - 134 cases
  - 40 different countries
  - Gathered from over 30 different sources
  - Over 1,000 adaptation actions identified
- **Emphasis on U.S. utilities**
  - Over half of cases

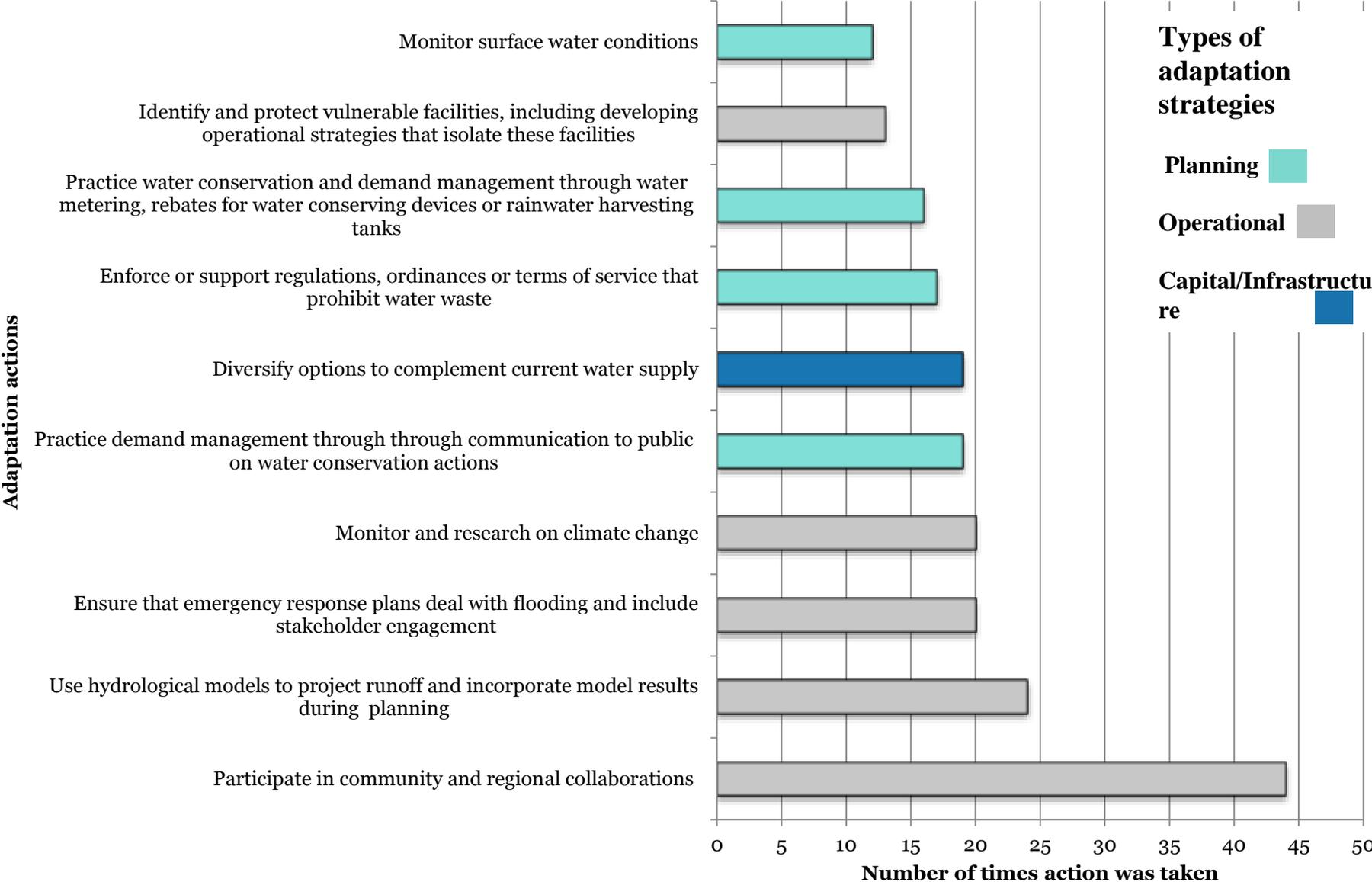
# Geographic spread of U.S. Case Studies



# Climate-related Challenges Faced by U.S. Utilities



# Top 10 Adaptation Actions Taken by U.S. Utilities



# Discussion



- Based off of what was presented, how do you think we can make this information most useful and accessible to water and climate change professionals?
- Do you know of any similar initiatives outside of the water/wastewater utility sector that could be helpful to look at?
- Are there opportunities for crowdsourcing more information for the database? If so, what are they?
- What type of information would be most useful to include in this type of database?