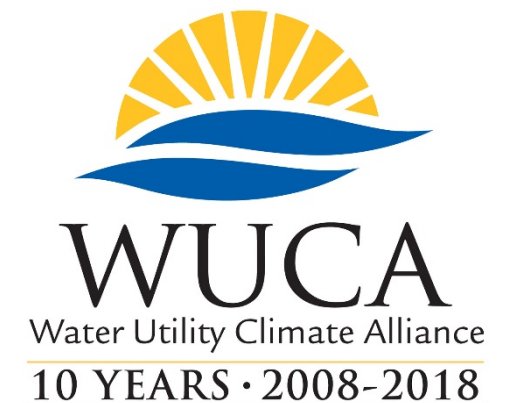


Aspen Global Change Institute Workshop  
November 17, 2020



# Practical considerations when using climate information: Lessons Learned from WUCA

**Keely Brooks** – Southern Nevada Water Authority / WUCA

**Laurina Kaatz** – Denver Water / WUCA



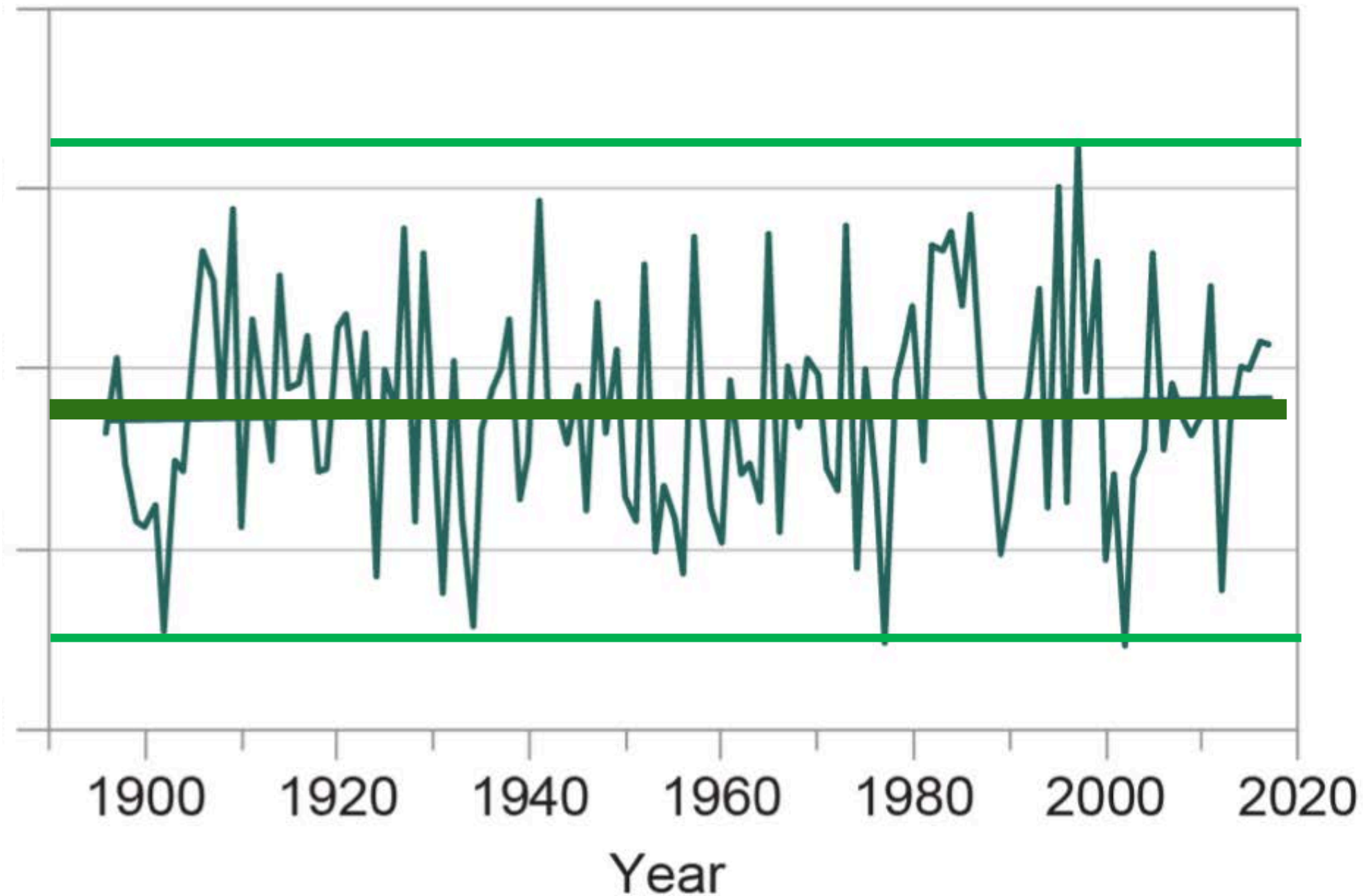
SOUTHERN NEVADA WATER AUTHORITY

# Water Utility Climate Alliance



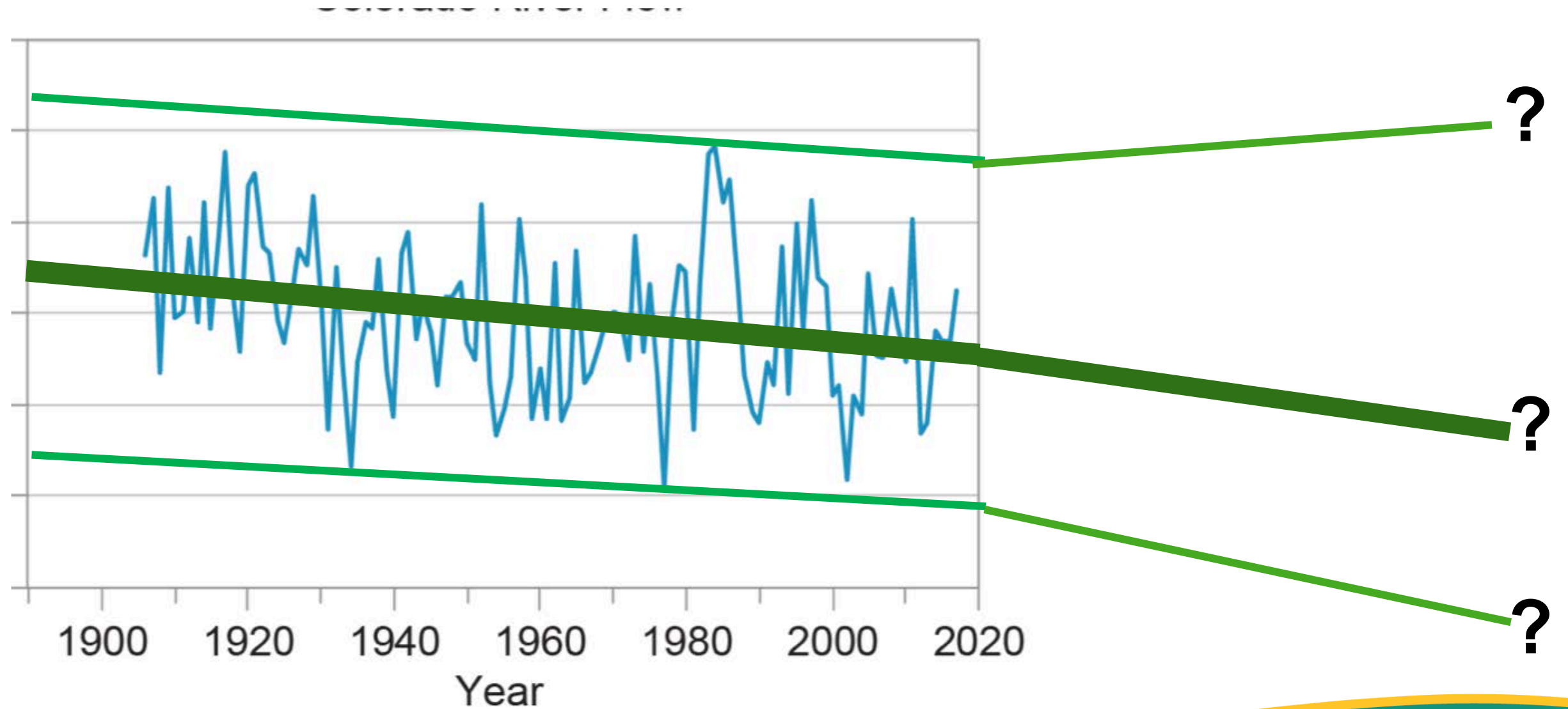
# How we plan

Streamflow MAF



# Reality

Streamflow MAF

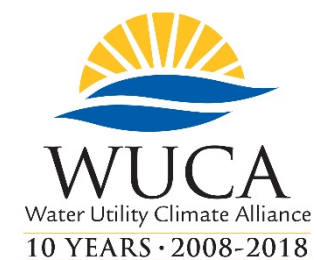
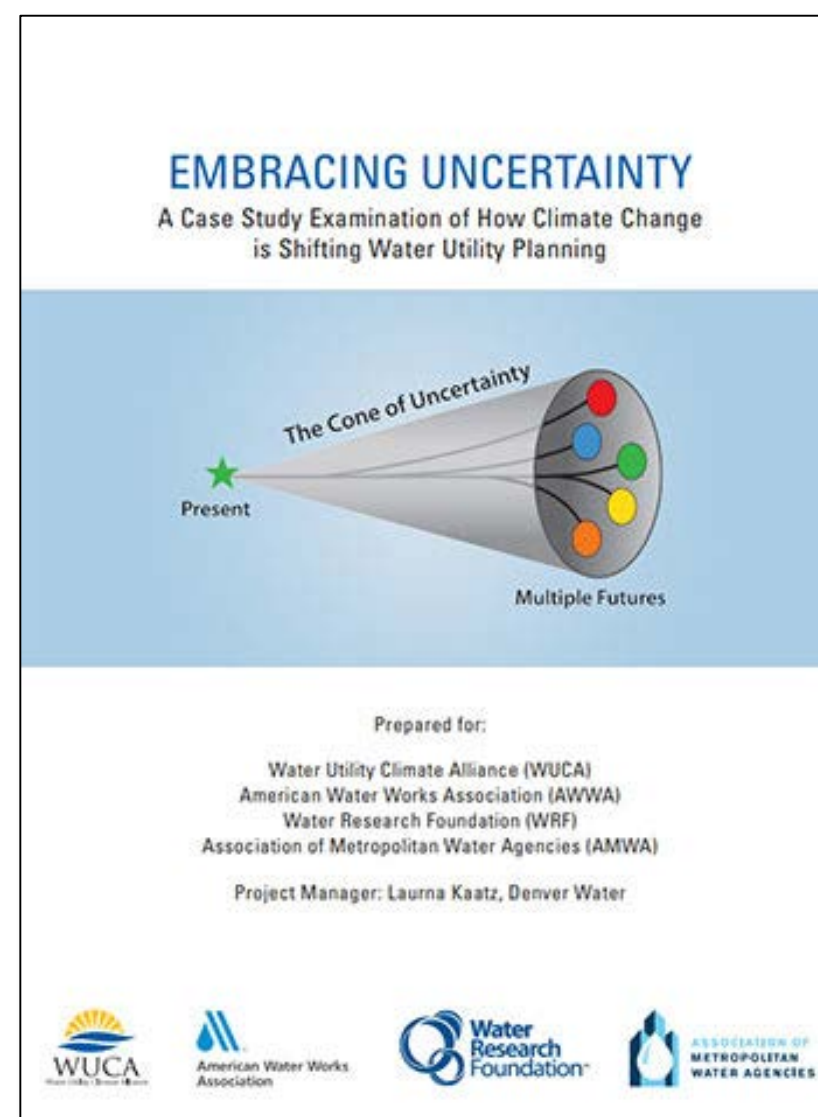
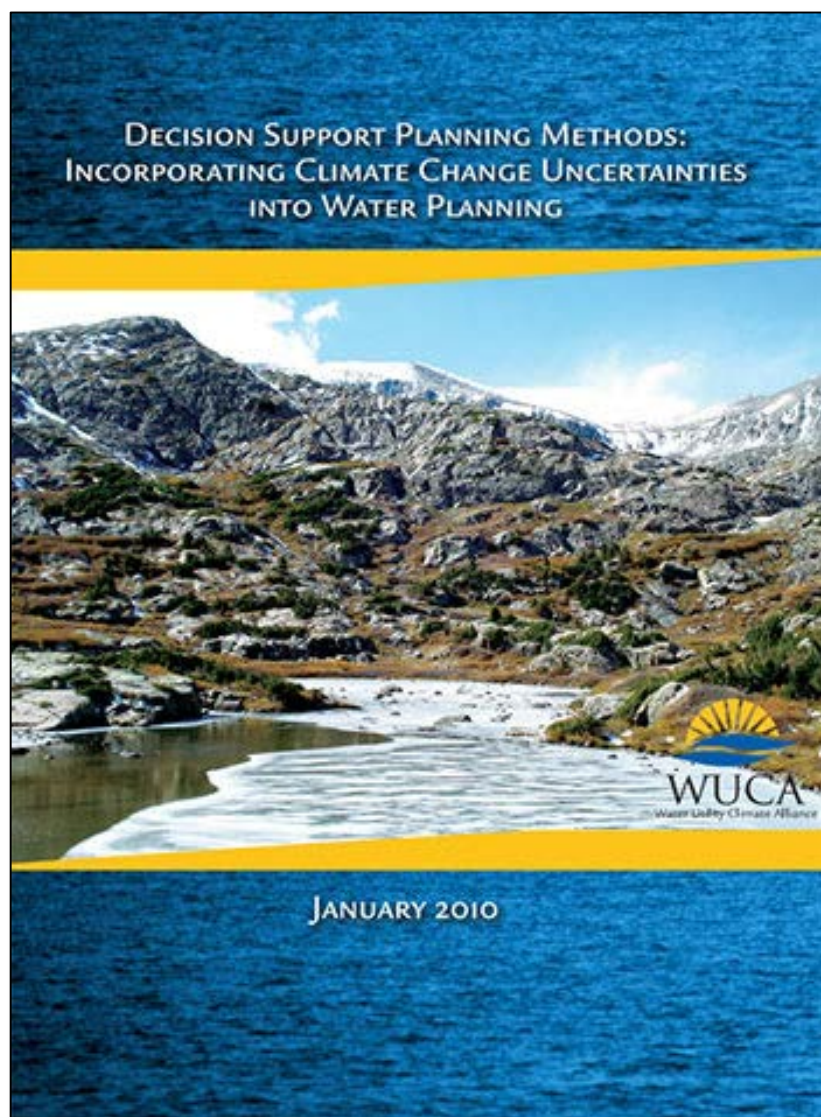


# The Great Challenge

- **Can't be prepared for everything**
- **Can't afford to be prepared for the worst case**
- **Can't afford to be unprepared**

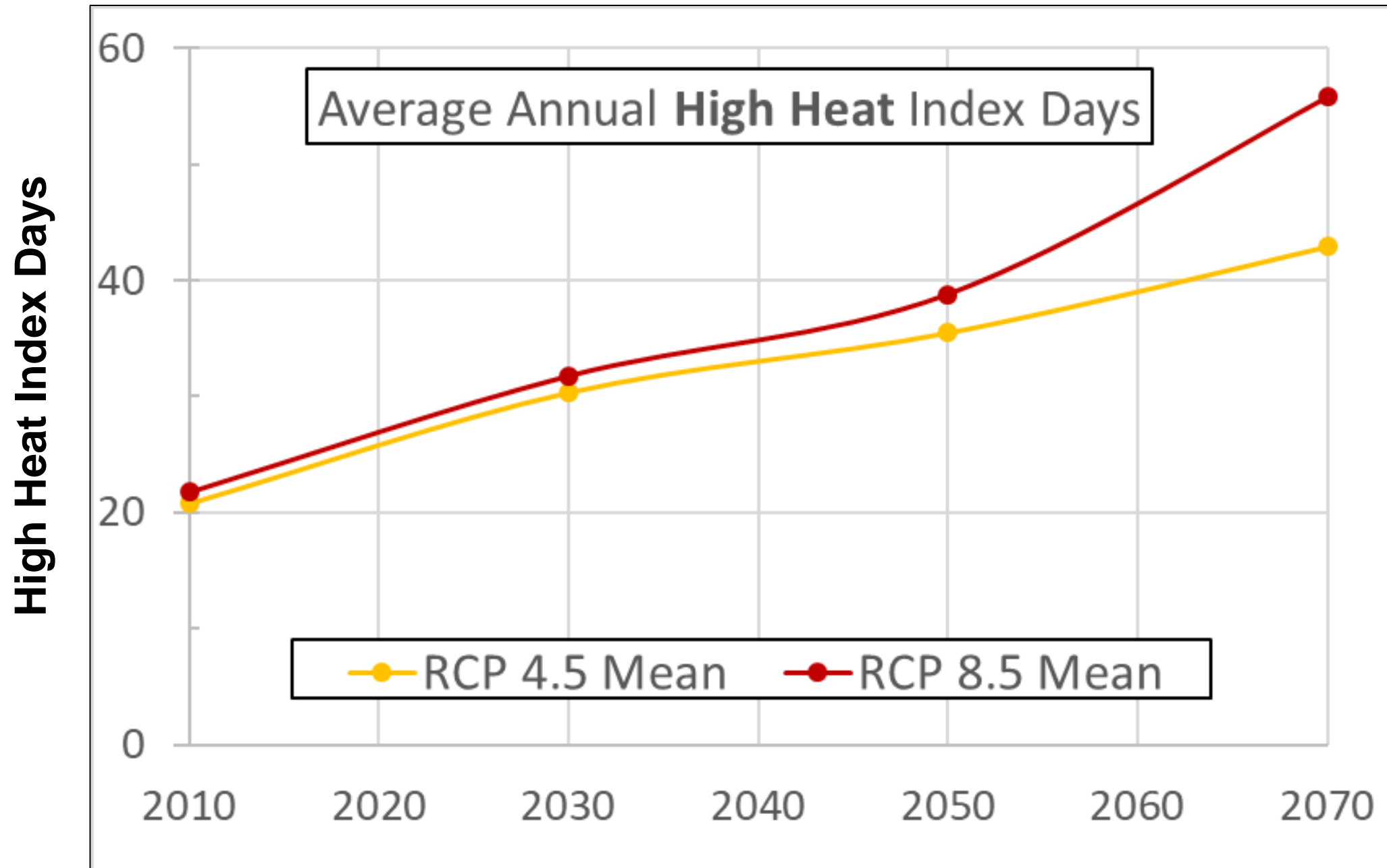


# Modify how we plan



Access reports: [www.wucaonline.org](http://www.wucaonline.org)

# Not all decisions require precision



# Build a compendium of adaptation options



**Training**



**Tracking**



**PPE**



**Scheduling**



Access heat impact study: [www.wucaonline.org](http://www.wucaonline.org)

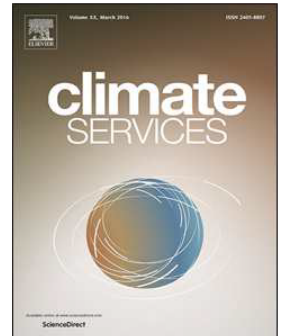




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## Climate Services

journal homepage: [www.elsevier.com/locate/cliser](http://www.elsevier.com/locate/cliser)



### Review article

## *DOs and DON'Ts* for using climate change information for water resource planning and management: guidelines for study design

Julie A. Vano<sup>a,\*</sup>, Jeffrey R. Arnold<sup>b</sup>, Bart Nijssen<sup>c</sup>, Martyn P. Clark<sup>a</sup>, Andrew W. Wood<sup>a</sup>, Ethan D. Gutmann<sup>a</sup>, Nans Addor<sup>d</sup>, Joseph Hamman<sup>a</sup>, Flavio Lehner<sup>a</sup>

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**Rely on existing resources and borrow ideas**

# Science can only take us so far

- Modify how we plan
- Not all decisions require precision
- Compile a compendium of adaptation solutions
- Rely on existing resources

# Questions?

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