

# ***Achieving Resilience from Nature-based Solutions***



***“An ounce of prevention is worth a pound of cure.”***

Benjamin Franklin, “On Protection of Towns From Fire”,  
The Pennsylvania Gazette, February 4, 1735

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# Rapidly Changing Environments: Stressors and Threats

69% decline in global  
species populations  
since 1970!

Global Temperature  
1850-2021



Global Biodiversity  
1970-2016



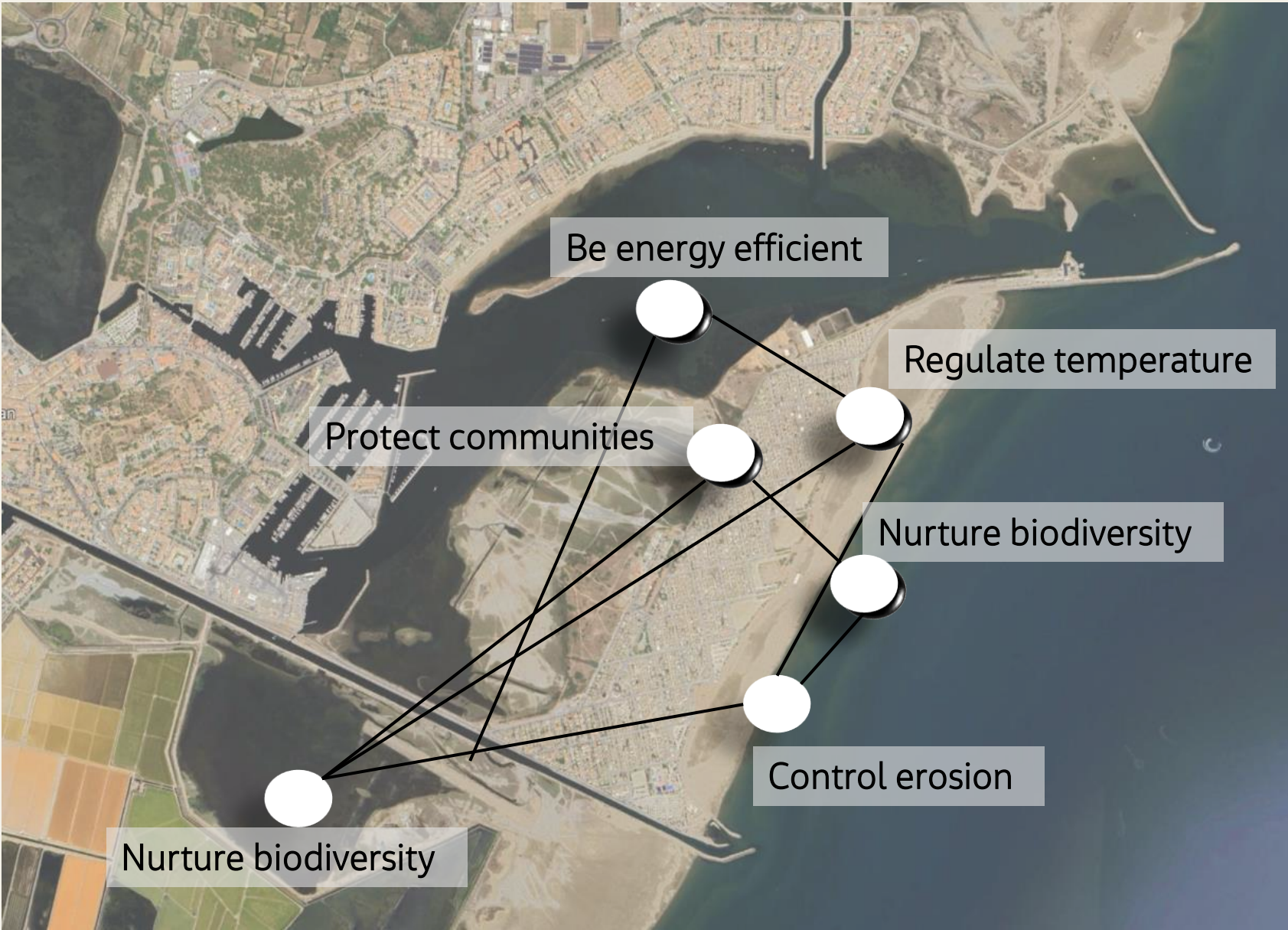
Aging Assets



Natural Processes



Increasing Development



POSITIVE PROJECT PERFORMANCE



Maintain

Revive, Enhance and Create

Preserve and Restore

Nature Positive



Grey-Green Spectrum



# Sidmouth Amphitheatre

## The concept...



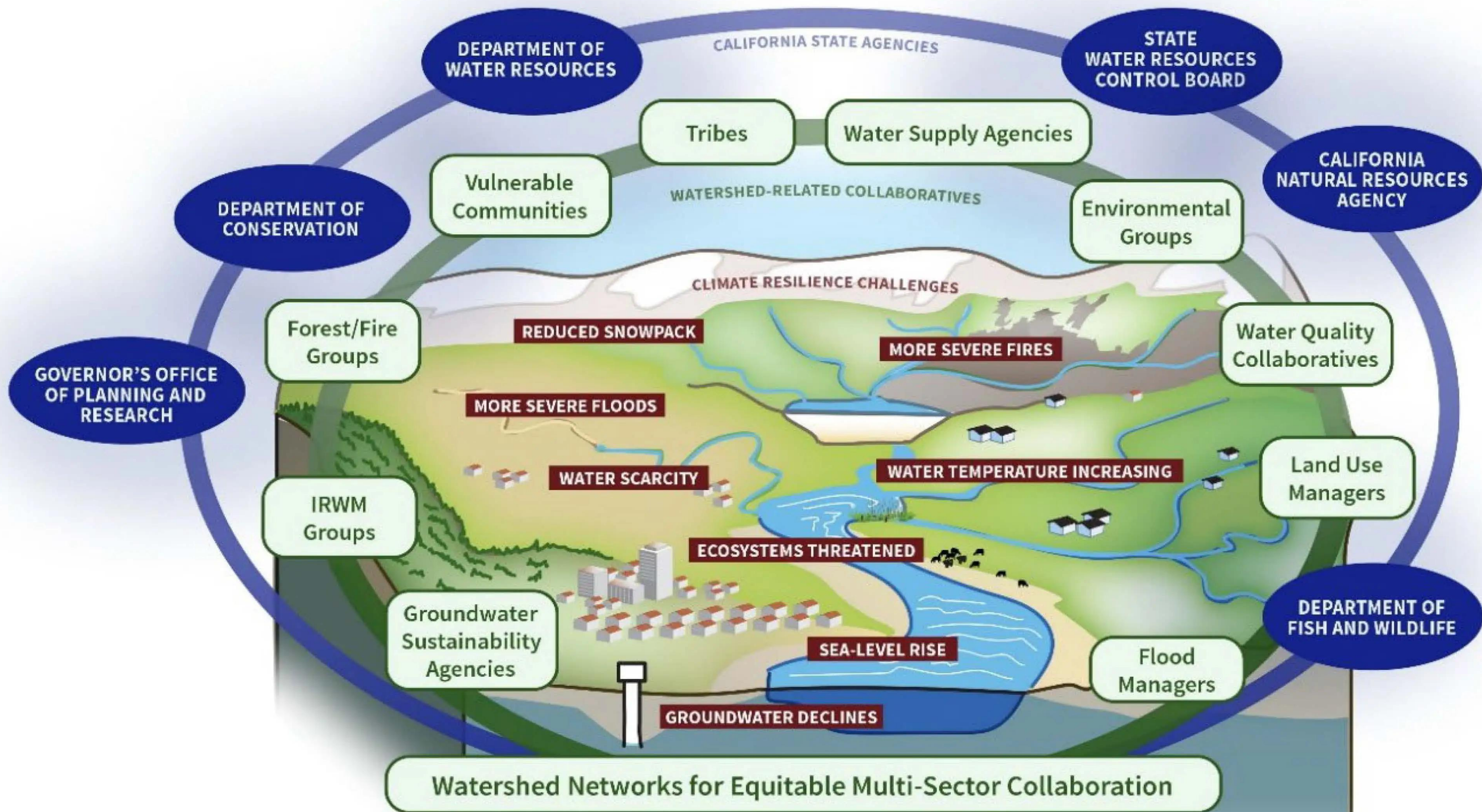
# A Watershed Network Approach

Key aspects of this approach are:

- Holistic
- Prioritize equity and inclusiveness
- Robust Science
- Plan and collaborate
- Transparent and accountable









# Recent Federal Initiatives to Incorporate Equity

- **Justice 40 (2022)** - Requires federal agencies to deliver 40% of benefits of their investments to underserved communities.
  - **CEQ's Climate Economic and Justice Screening Tool**
- **Circular A-4 (2023)** - calls for accounting of distributional impacts within BCA for administrative rulemaking (1.4 weighing factor)
- **Circular A-94 (2023)** – calls for a lower discount factor of 3.1% (from 7%) in calculations of future benefits

# ***Discussion***

