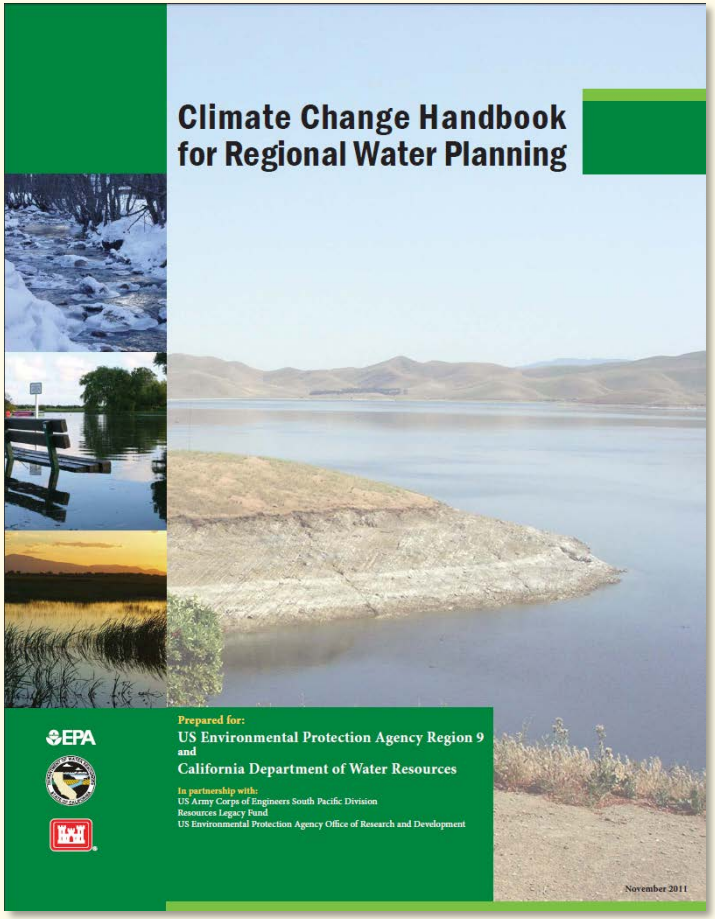
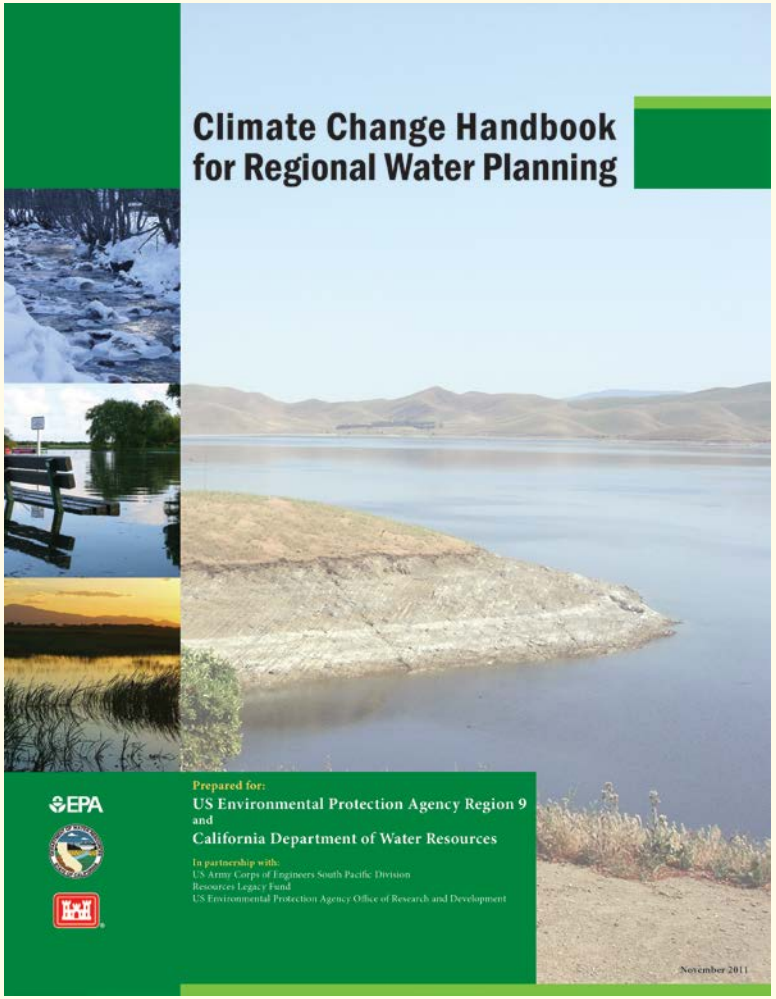
IRWM Climate Change Resources:

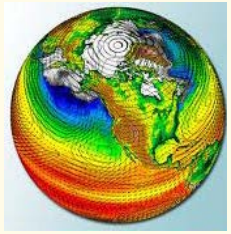
Climate Change Handbook for Regional Water Planning



State-Federal-Nonprofit Collaboration

RESOURCES LEGACY FUND

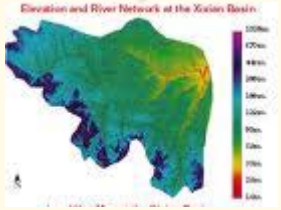




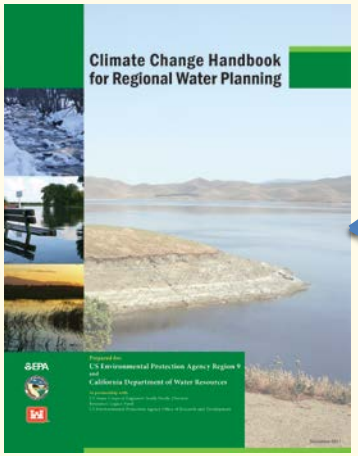
Science

Policy

Practical



Technical



Planners

Engineers

Decision Makers

The Public

Handbook Content

Some Questions the Handbook Answers

How do I incorporate climate change into my *planning process*?

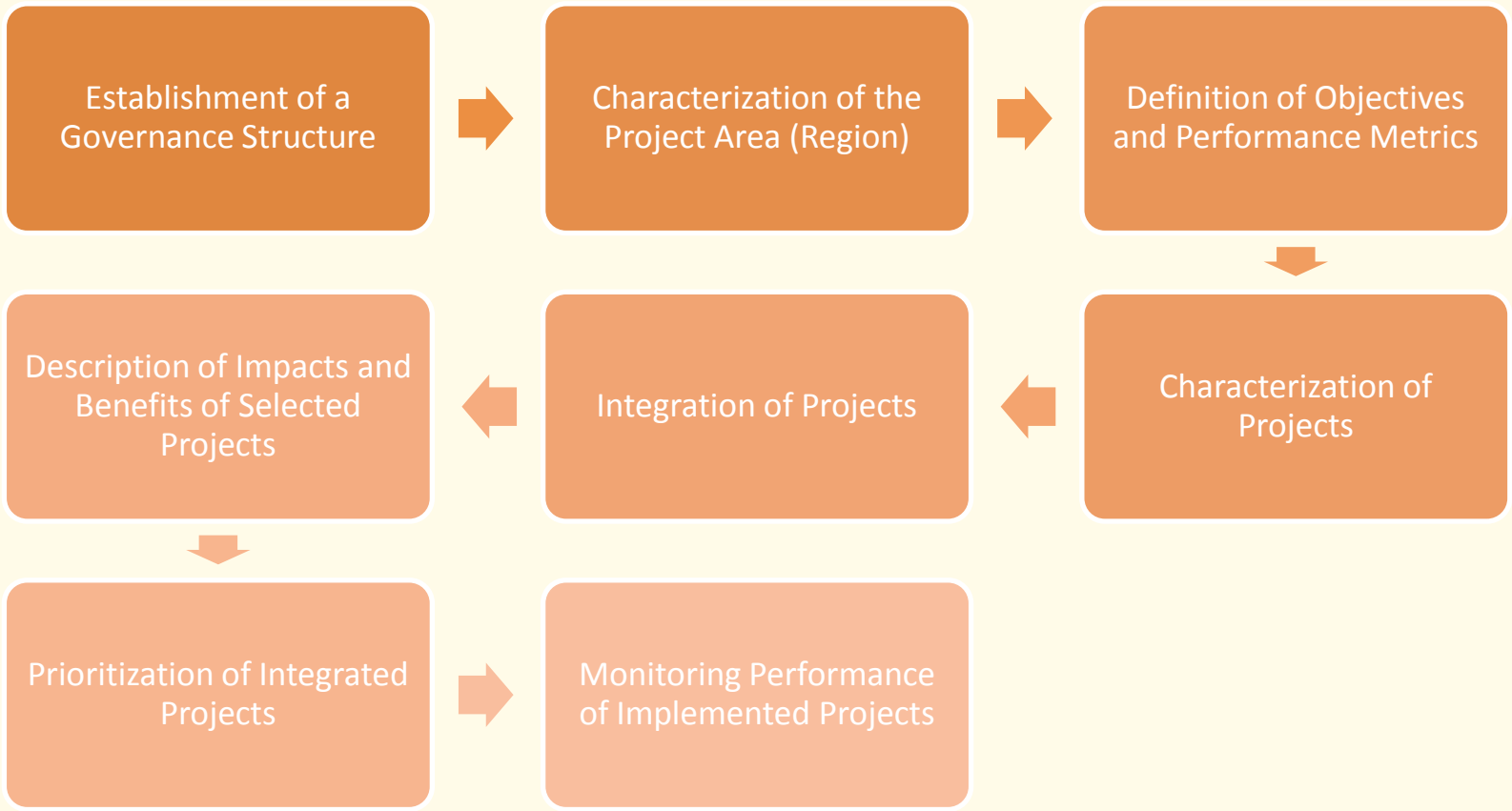
How do I include climate change into *project evaluation*?

How do I handle *uncertainty* as it relates to climate change?

What *tools and resources* are available for assessing and evaluating climate change?

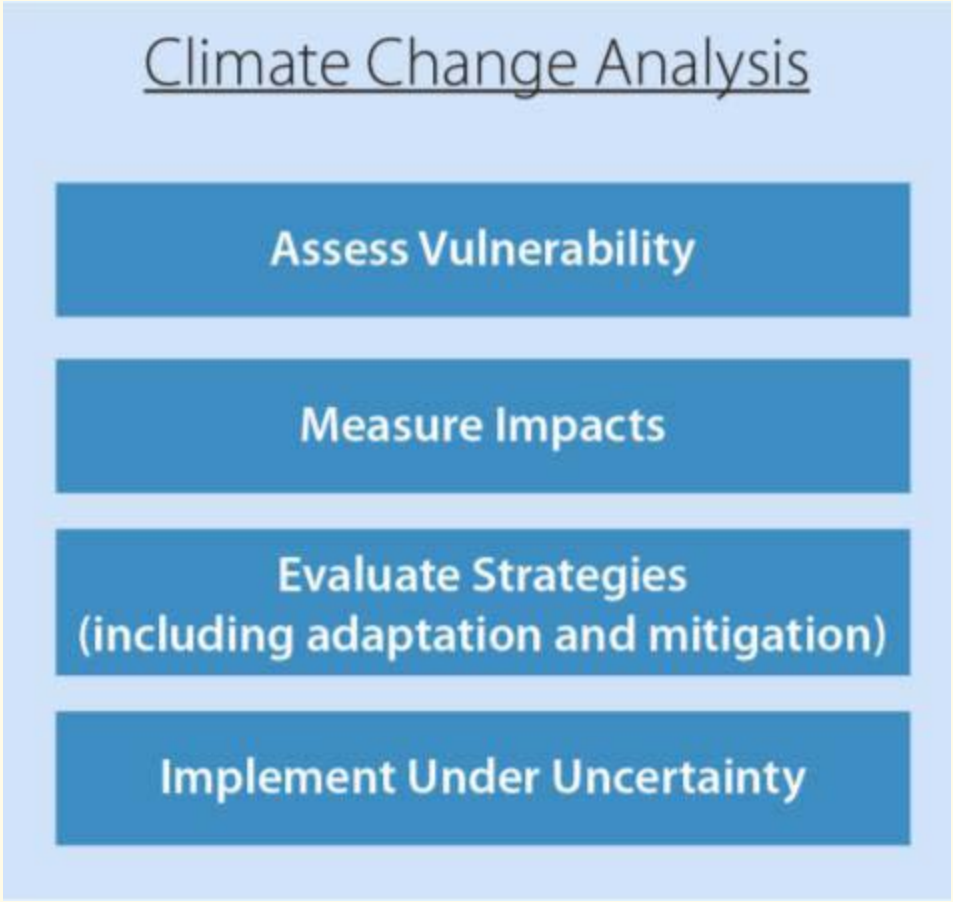
Handbook Content

Generic Integrated Regional Water Management Planning (IRWMP) Process

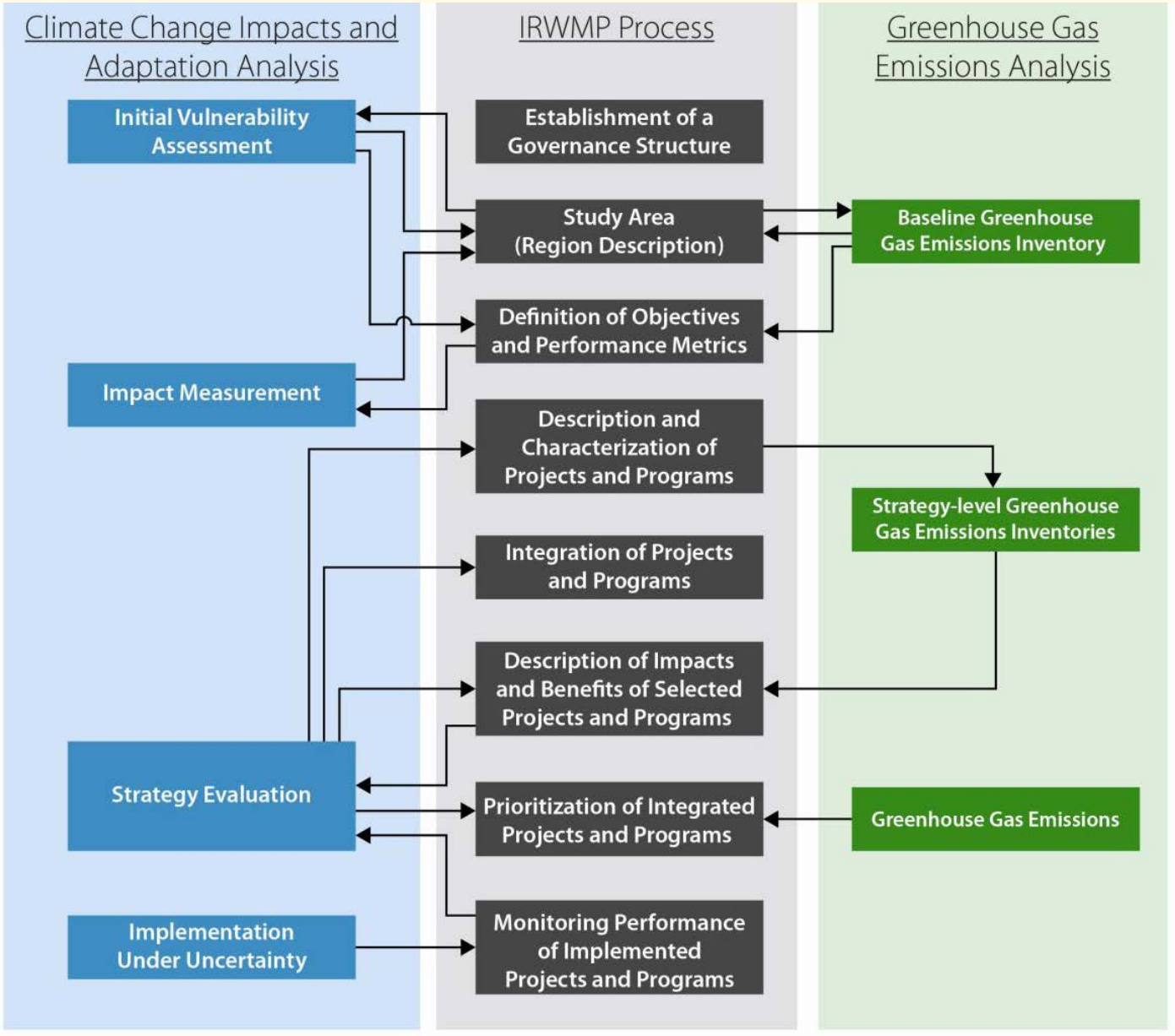


Handbook – Overall Framework

Climate Change Analysis

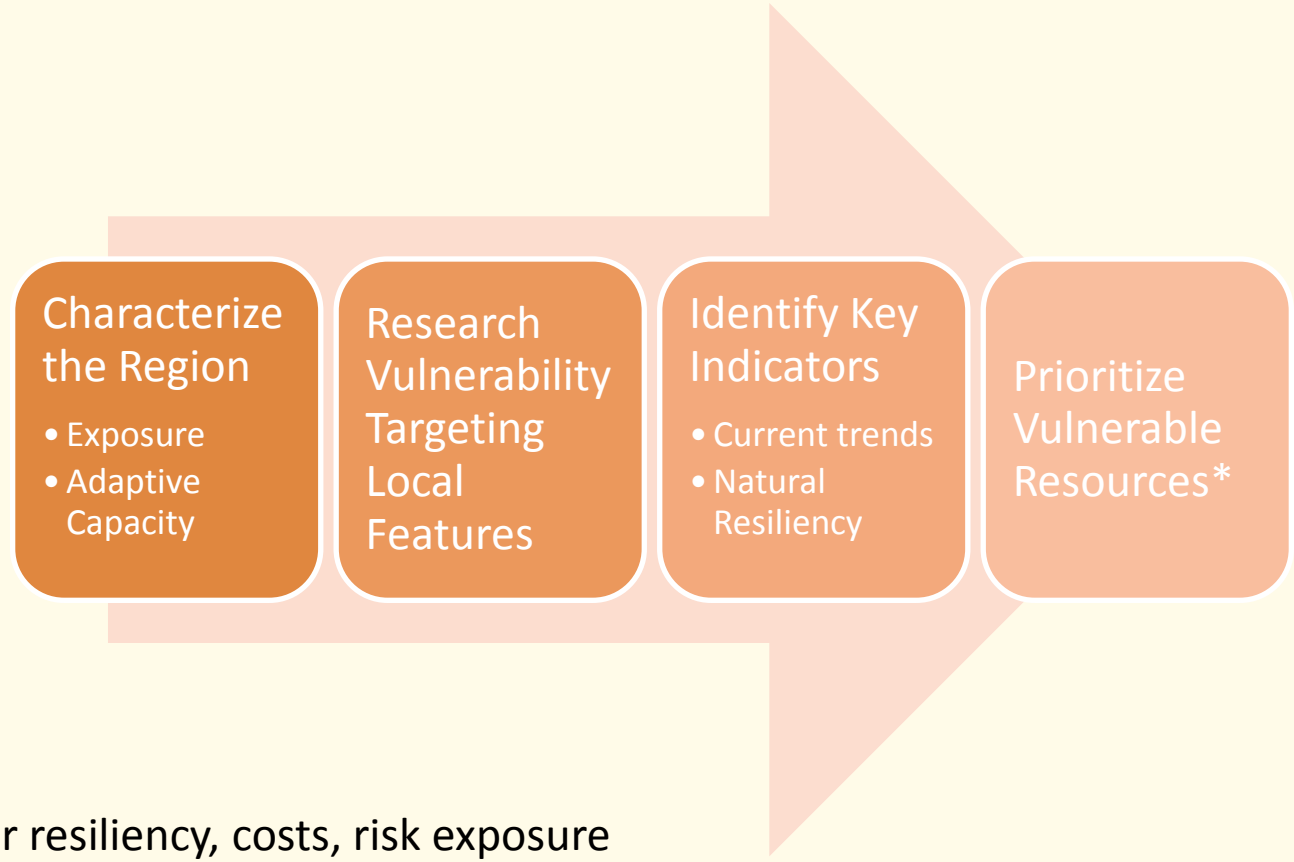


Handbook – Overall Framework



Handbook – Overall Framework

Vulnerability Assessment

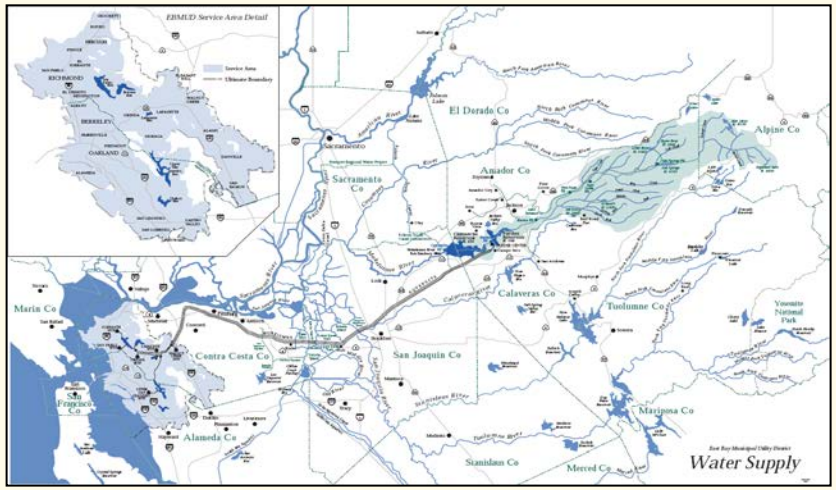


* Account for resiliency, costs, risk exposure and willingness to pay for adaptive measures

Vulnerability Assessment – Case Study

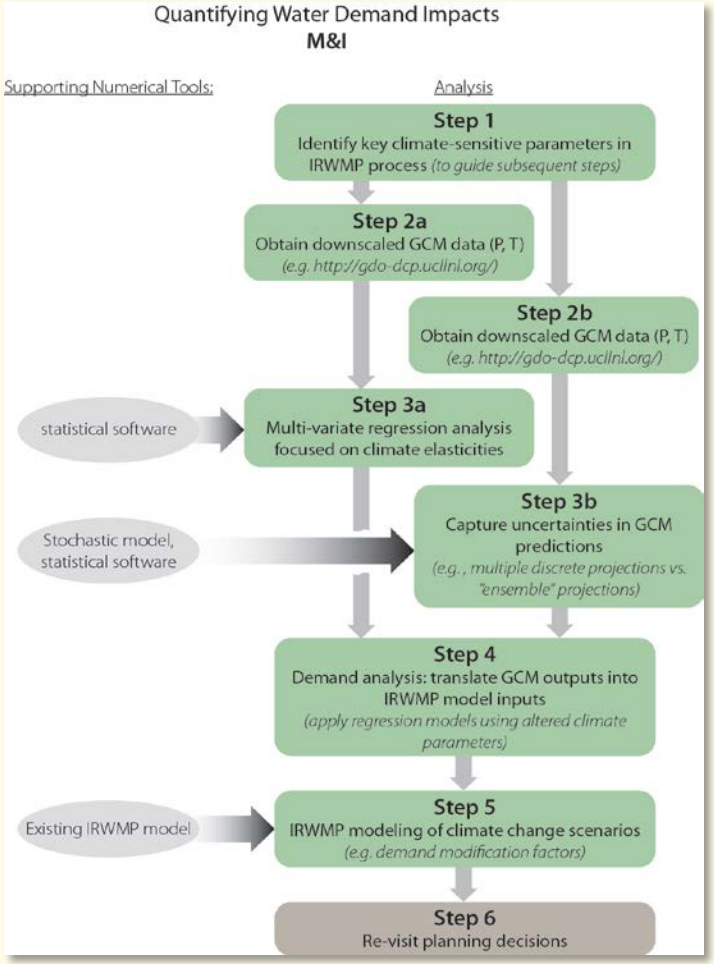
- East Bay Municipal Utility District Water Supply Management Plan 2040
  - Oakland, CA

(http://www.ebmud.com/sites/default/files/pdfs/Journal-06-08_0.pdf)

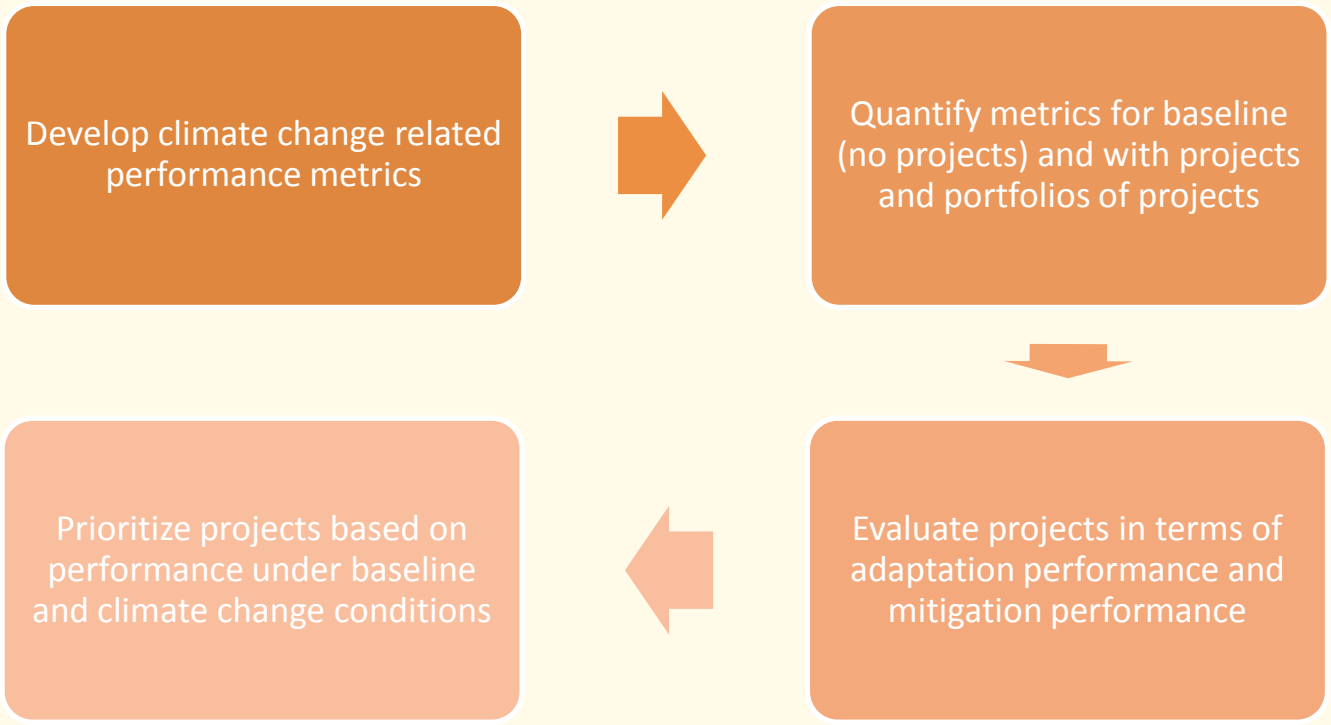


Impact Assessment

- Flowcharts provided with methodological steps for each water resources sector
- Quantitative and qualitative paths included in the method flowcharts

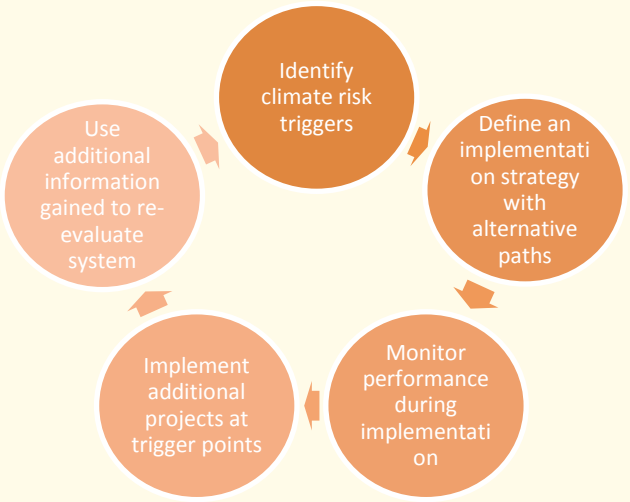


Evaluate Projects Under Climate Change Conditions

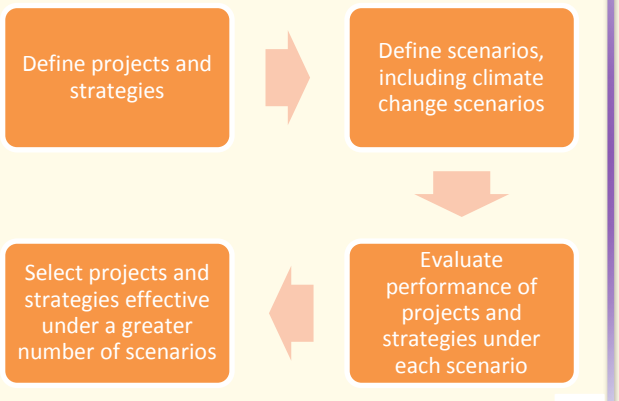


Implementing Under Uncertainty

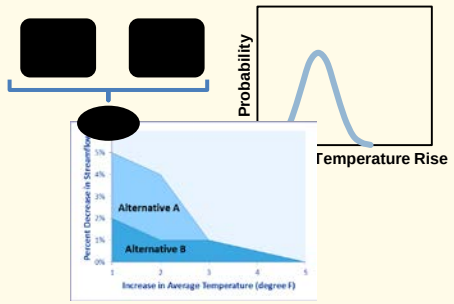
Adaptive Management



Robust Decision Making



Other Methods



Handbook – Section 7