

Successful Adaptation in the Tijuana River Valley

Framework

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Orienting ourselves

Time	WHAT	WHY
9:00 am	Welcome & Introductions	Orientation Who is here?
9:20 am	Framing the Day's Discussion	Why are we here?
9:50 am	Presentation & Discussion: Thinking about "successful" adaptation	What might successful adaptation mean to you? Why bother thinking about that?
10:10pm	Breakout Group Discussion: Using insights from scenarios work to explore "successful" adaptation in the TRV	Thinking over the next 10 years, what would "success" mean here?
...		



Thinking about “successful” adaptation

What Does Success Look Like?



Photos (L,R): leroypinkfist.blogspot.com; nydailynews.com

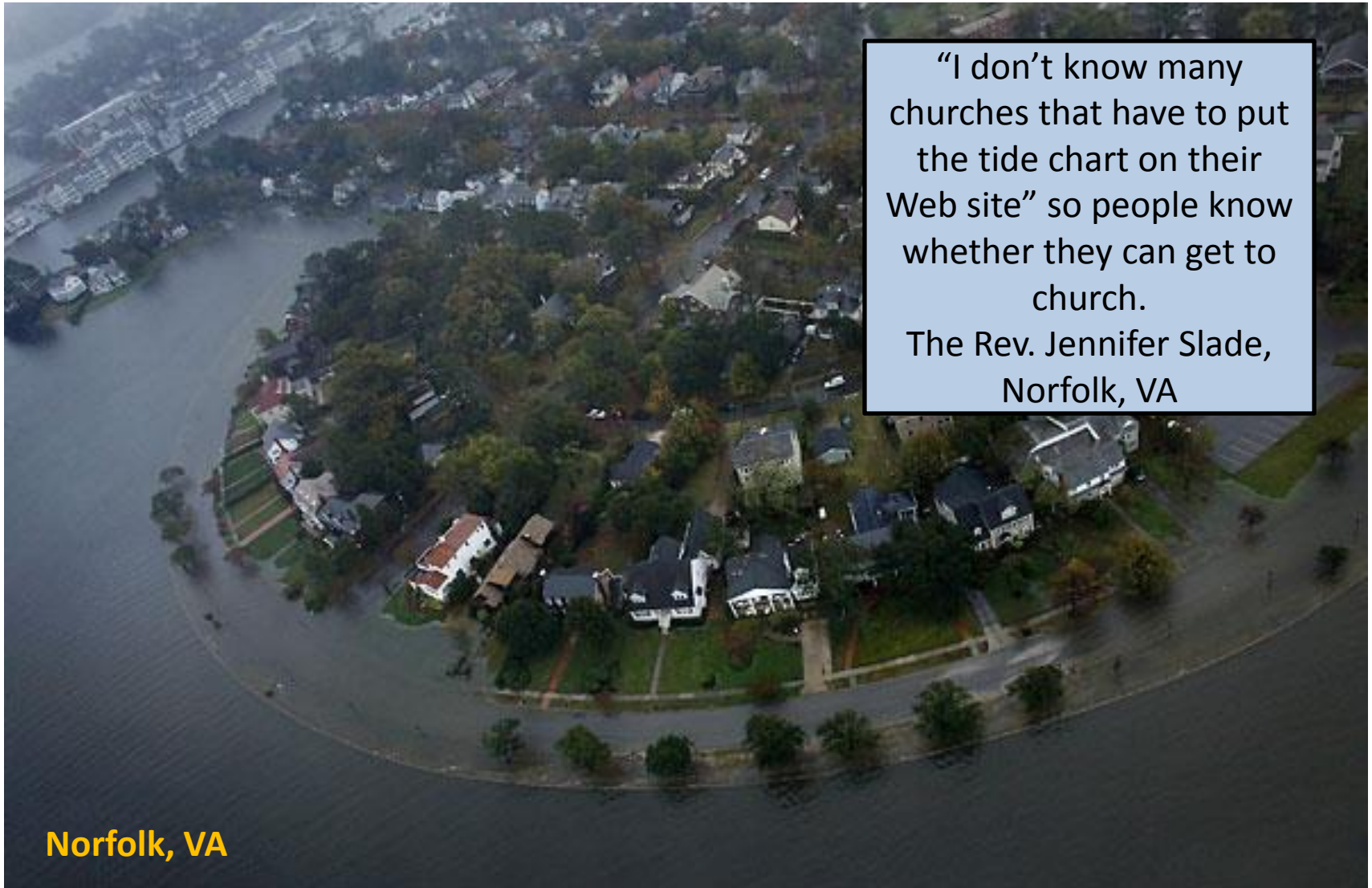
What Does Success Look Like?



What Does Success Look Like?



What Does Success Look Like?



“I don’t know many churches that have to put the tide chart on their Web site” so people know whether they can get to church.

The Rev. Jennifer Slade,
Norfolk, VA

Norfolk, VA

What Does Success Look Like?



Photos (L,R): Andy Arms, Wikimedia Commons; CSUMB

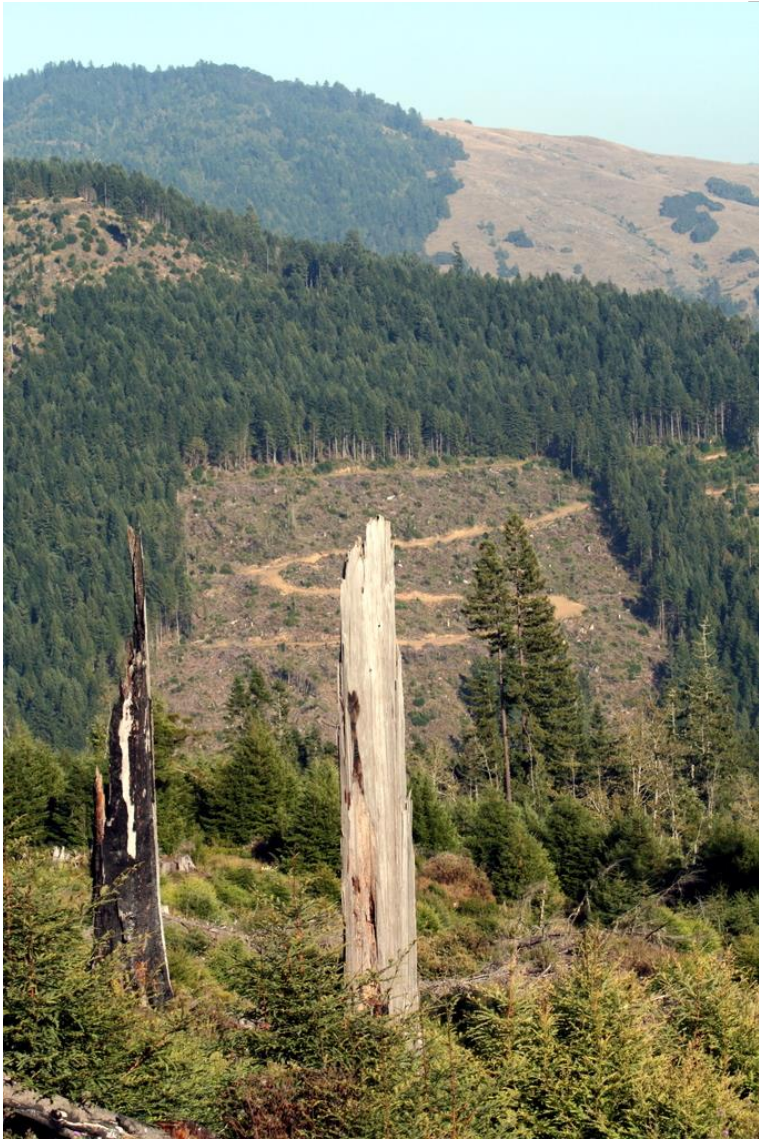
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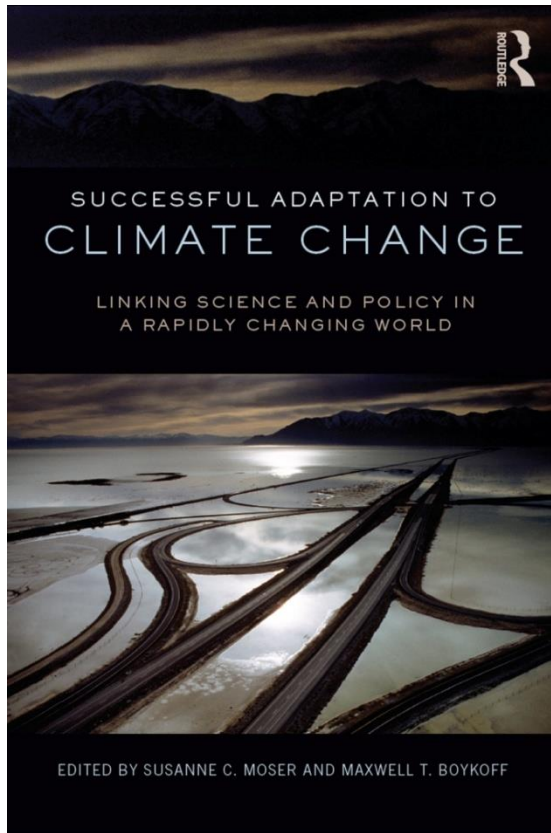


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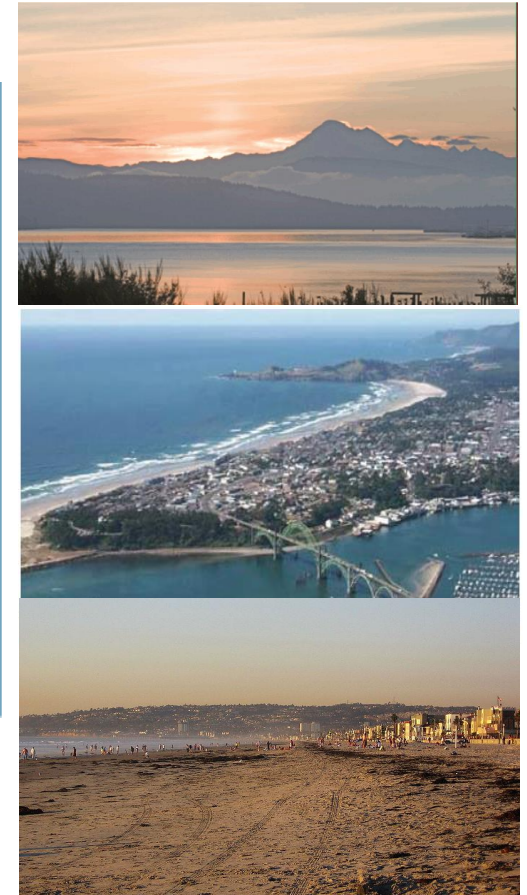


Background & Origin

Foundation #1



Foundation #2



Approach: Step-by-step

1. Literature Review

- Academic literature
- Guidance documents



2. Workshops & Interviews

- Academic & NGO scientists
- Practitioners in each state
- Capstone: Science and practitioners



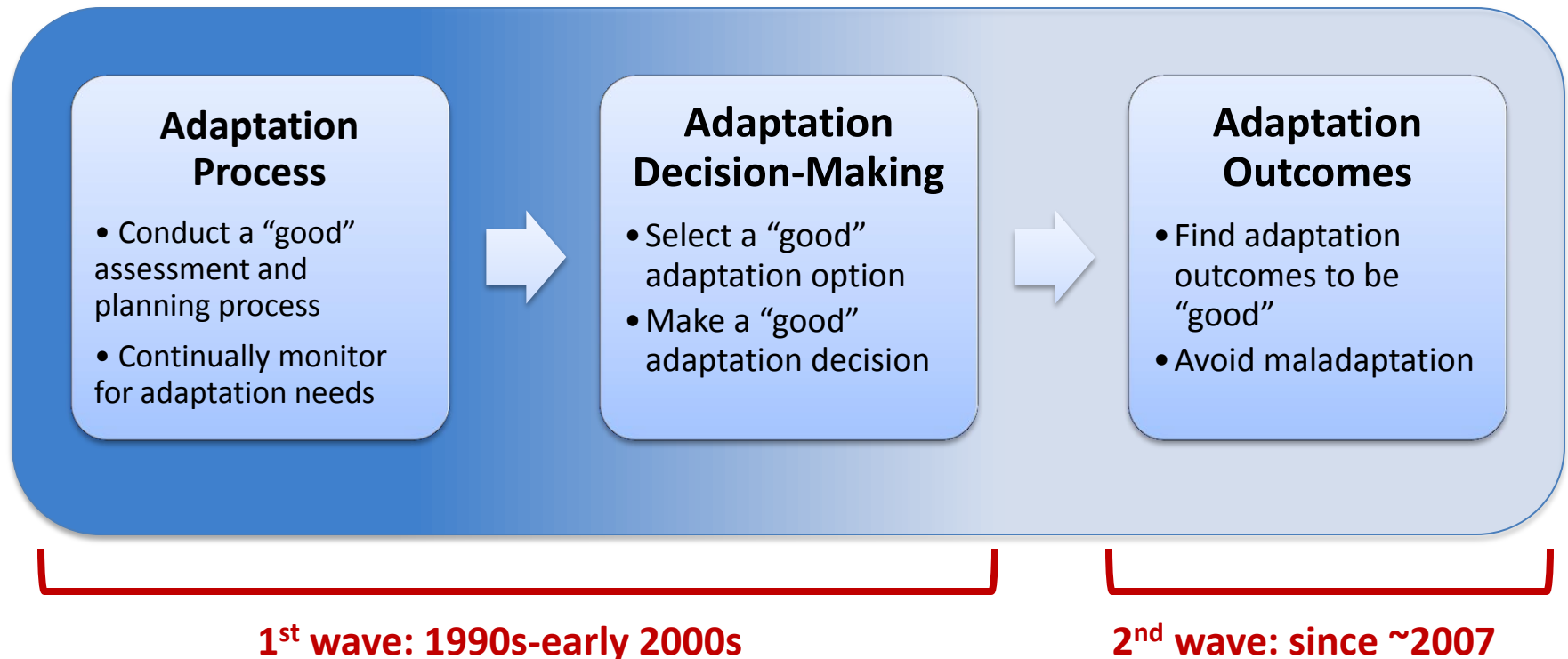
3. Synthesis & Dissemination

- Bridge-building & integration
- Synthesis paper
- Case studies, presentations...



Dimensions of Adaptation Success

Commonly discussed in the scientific literature



Failure-to-Success Continuum



- Maladaptation
- Inadequate response
- Stabilization of a degrading situation
- Repair and recovery
- Building something better



Some Tough Questions

- Can science help or is it all subjective and political?
- What is the right scale at which to consider success?
- How and how much do we integrate across sectors?
Across scales or levels of government?
- How do we address trade-offs?
- When can we declare success
(or not)?
- How should we measure success?
- Who gets to say?

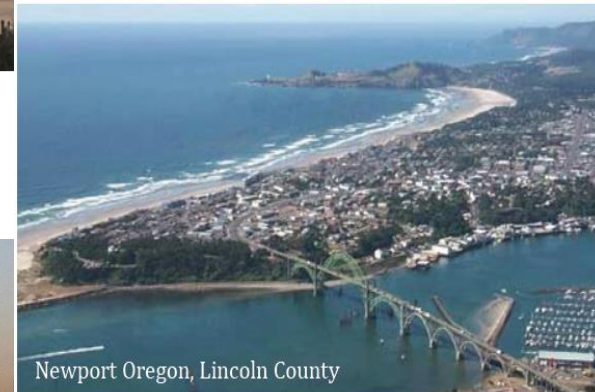


“Success” in the Real World

- Washington State



- Oregon



- California



Successful Adaptation to Climate Change on the West Coast

- Pre-workshop interviews with adaptation leaders (“practitioners”)
- Workshop with scientists and practitioners
 - “Fishbowl” of case studies
 - Group discussions
 - In-depth exploration of issues in small groups (process, outcomes, tradeoffs)
 - Evaluation
- Synthesis



Case Studies

WASHINGTON	OREGON	CALIFORNIA
Olympia: preparing for sea-level rise & flooding	Neskowin: addressing coastal erosion	Chula Vista: implementing the Climate Adaptation Plan
Bellingham: incorporating sea-level rise in port redevelopment	Oregon Shores: launching Coastal Climate Change Adaptation Project	San Diego: San Diego regional climate action planning
Swinomish: multi-sectoral vulnerability assessment and adaptation planning	State of Oregon: developing Climate Change Adaptation Framework	CA Dept of Fish and Wildlife: developing the Climate Literacy College

Key Reasons to Think About Success

Overarching: Responsibility for safeguarding people, economy, infrastructure, cultural assets, environment

1. Communication and Public Engagement

- Communicating hope and desirable goal to work towards
- Defining a common vision among diverse stakeholders

2. Deliberate planning and decision-making

- Setting clear goals, aligning means and ends (internal consistency)
- Best fit with other policy goals (external consistency)

3. Justification of adaptation expenditures

4. Accountability/good governance

5. Support for learning and adaptive management



And Good Reasons NOT to Think About Adaptation Success

- Political sensitivities
- Funding sensitivities
- It's work, takes capacity, funding...

(“It’s too hard” is NOT a good reason!)

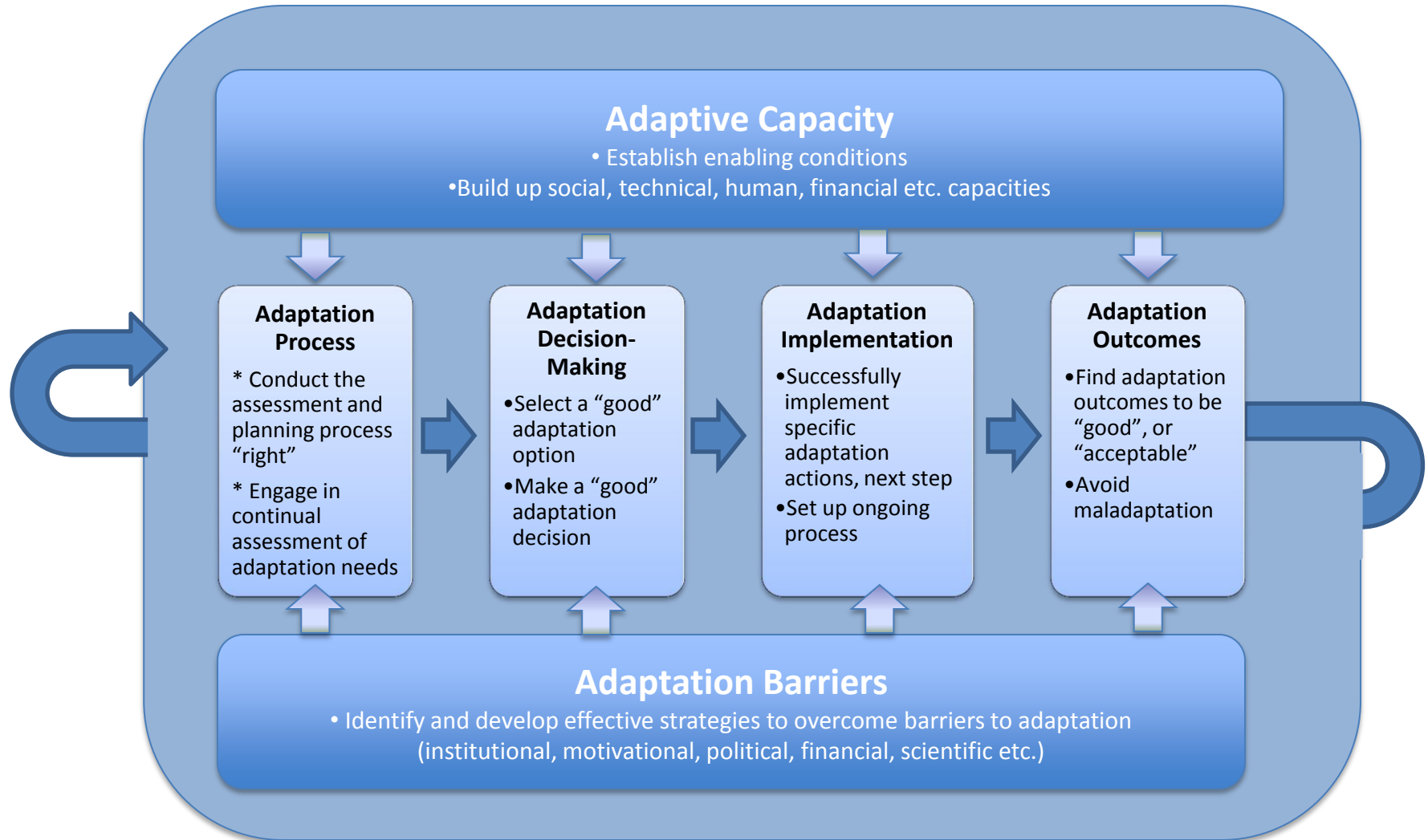


Success in Practitioners' Minds

- “Hahaha. I don’t know...”
- **Capacity** – getting to a place to start
- **Actions** – that something gets done
- **Approaches** – how something gets done
- **People** – those who get it done
- **Process** – break it down & keep at it
- **Outcomes** – how it’ll look, what we want



Six Key Dimensions of Adaptation Success

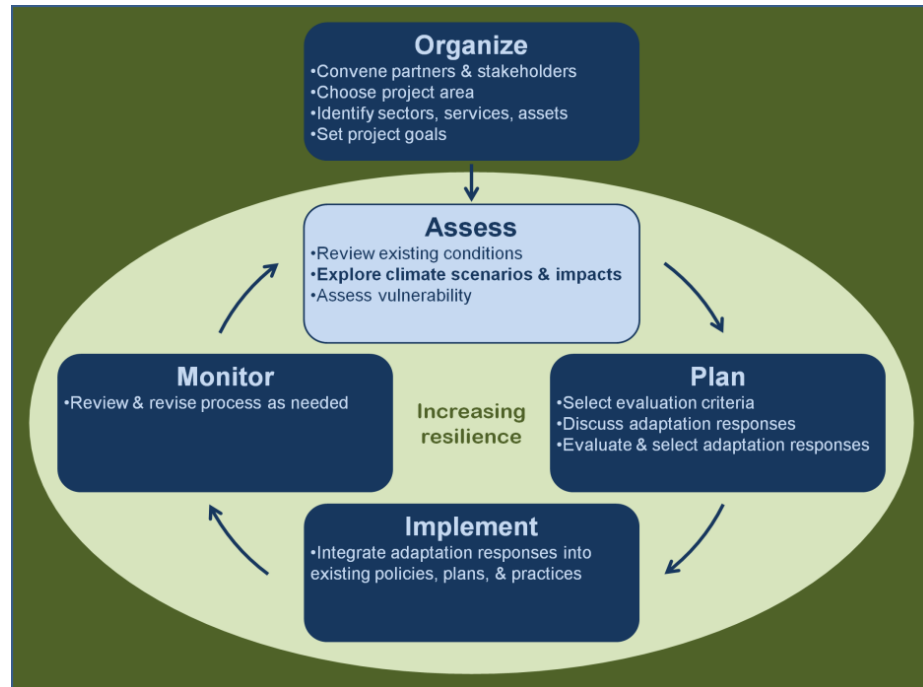




Using results and insights from scenarios work to explore “successful” adaptation

Planning for an Uncertain Future

Scenarios Assessment



Use in Adaptation Planning

- What conditions are our systems sensitive to?
- Which conditions help or hinder the achievement of our goals?
- Where are the tipping points that force us to change strategies or goals?

From Singular Adaptation Actions to Adaptation Pathways

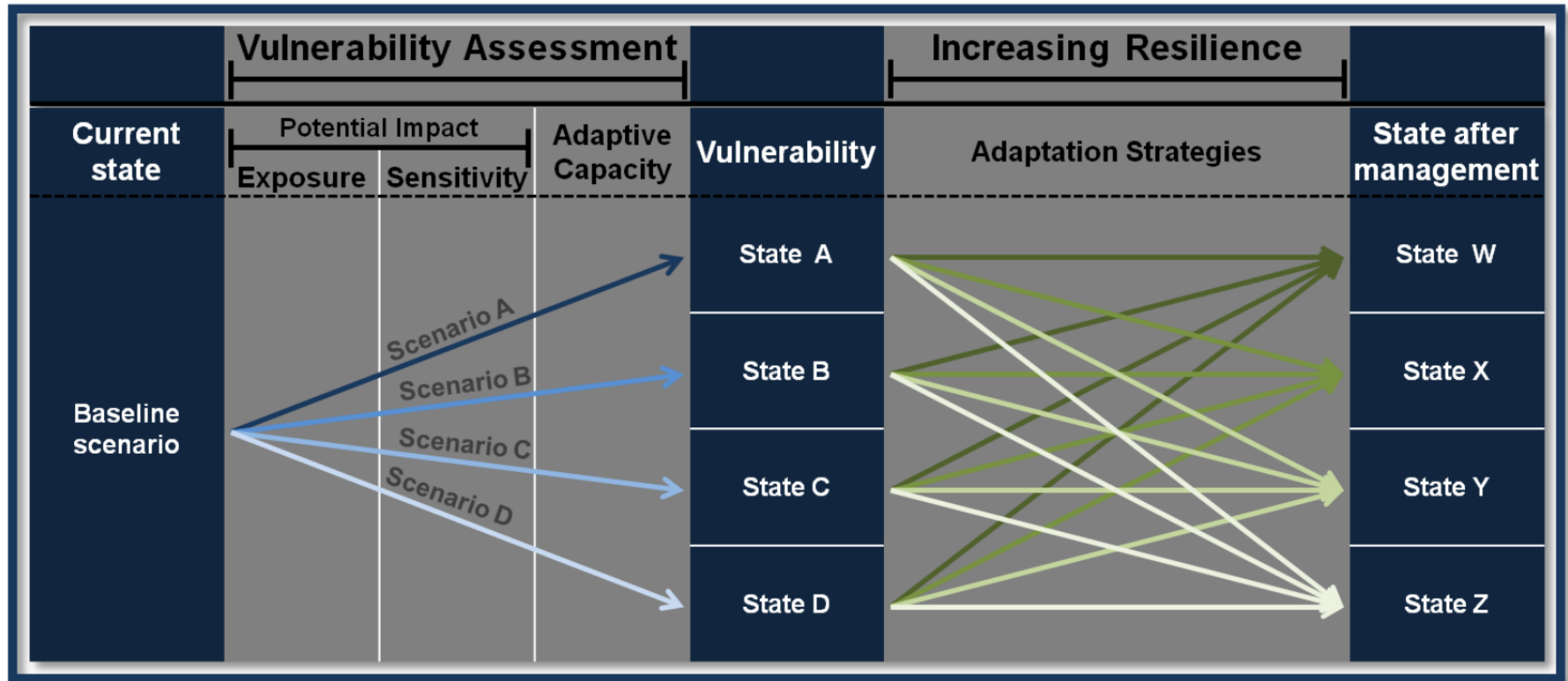


Figure 3: Integrating scenarios into vulnerability assessment and adaptation planning [9].

Adaptation Pathway

What Do People Want from Adaptation?

- Something better
- Something as good as what we have now
- At least a dignified way out



Example 1



Setback ----- Seawall ----- Higher seawall ----- (Un)managed retreat --- ---?

Example 2



Breakout Group Discussion

Set up

- In break-out groups with a facilitator
- Discuss one or more core elements of a vision of success for the region
- You have ~25 minutes in small group
- ~5 minutes whole-group report-out

Guiding questions

- What do we want to see the region achieve?
- What do we want to see improved/ maintained/ changed in the next 10 yrs?
- How do we want to set ourselves up for continued success in 10 years time?
- In what ways is this goal sensitive to climate change?

Elements of a vision for the region

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Coffee/Tea Break

