



Building a Funding Strategy

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For Grant Writing Training

July 23, 2015

Experience

- Technical – Biology, Zoology, Ecology, Agriculture, Water, Climate
- Work – Private Industry (Ag Chemical Company, field, lab, ecochemistry, groundwater), EPA (contractor), USGS OK Water Science Center, USGS South Central Climate Science Center
- Lots of work on “soft money”

Goal

- Share my experience of “growing a program”
- (note: This info will help you with our breakout sessions. Think about questions to ask funding partners.)

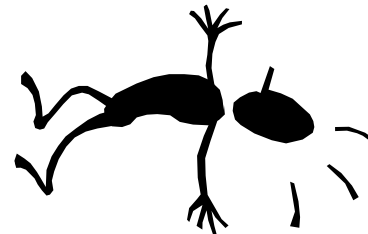
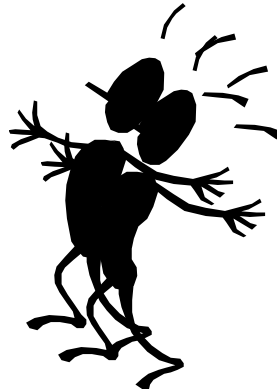


Outline

- Describe case study for development of a tribal water plan
- Describe steps for building a climate adaptation plan
- Discuss some examples of how some tribes have funded and developed their adaptation plans
- Additional resources

Science Needs – Case Study

- Caddo Nation wanted to understand how new groundwater permits may affect the tribal members water supply
- Tool to do that is development of a groundwater/surface water interaction model
- Allows for the testing of various water management and withdrawal, use, and rainfall scenarios
- \$\$ about 1M



Historically

- Proposals – partner with tribes
- Agencies – EPA, BIA, Bureau of Reclamation, USGS, Corps of Engineers, Natural Resources Conservation Service (NRCS), US Fish & Wildlife Service, USDA Climate Hub
- Proposal funding – generally \$25-35K, often did not get full funding requests, mostly 1 yr
- Critique – funding agency could not make sense out of many (seemingly unrelated) small projects

Strategy

- Need \$1M for water model
- “eat the elephant one bite at a time”



Strategy

- Build an “umbrella proposal strategy”
- Small, sequential proposals that add up to a larger project
- Leverage each product and funding for additional proposals
- Get to know the needs of the funding agency (people!!)(get to practice this today in breakouts)
- Partnership is important



\$1M total for water model

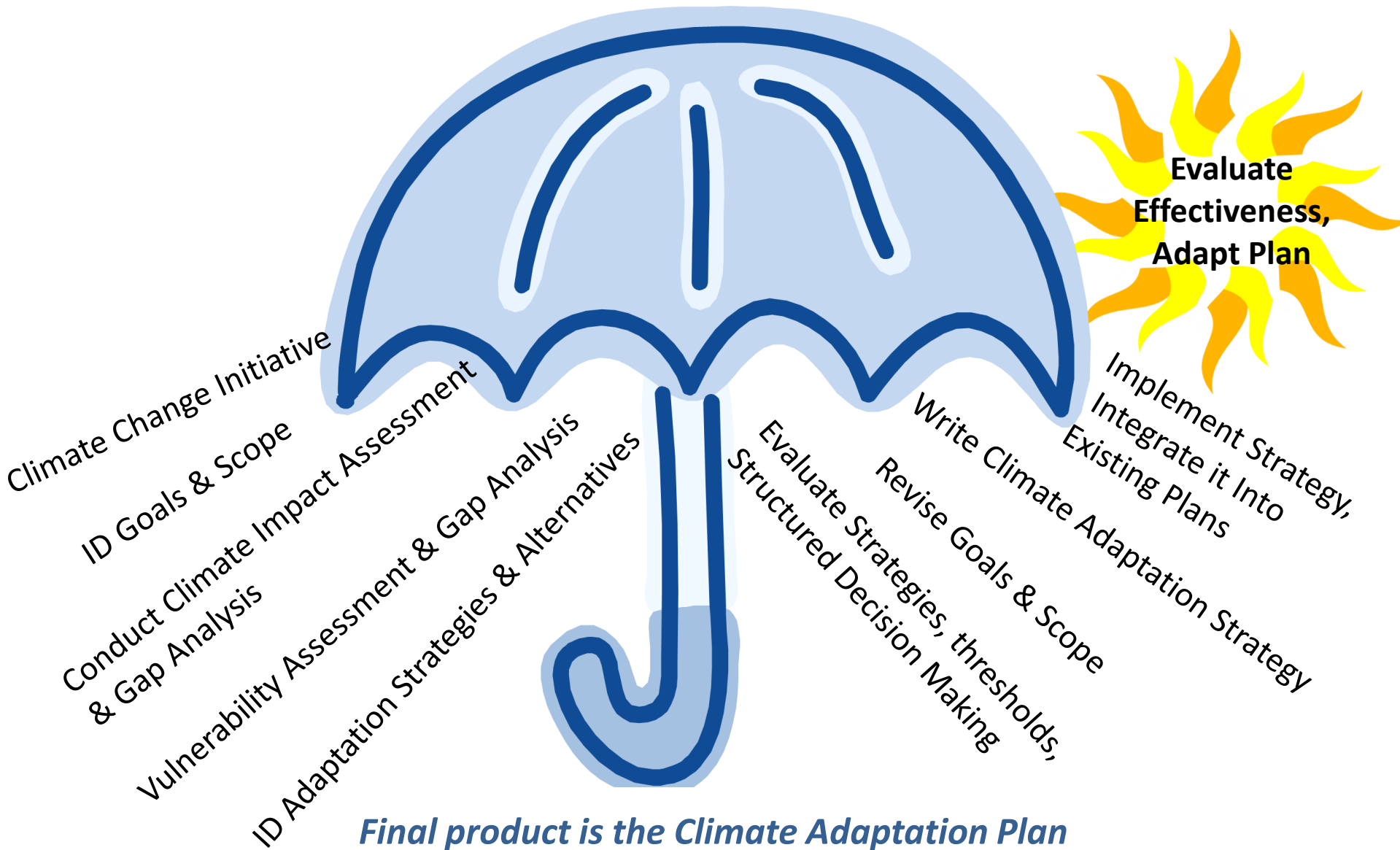


Final product is the interactive modeling tool that is useful for the water plan

Advantages

- Funding agencies see results and products at each step
- Builds confidence of funding agency that they will get products and that they are funding a small piece of something BIG.
- Funding amounts gets larger per proposal
- Enhances the overall state of the science to do projects sequentially

\$\$\$ total for Adaptation Planning



Example: Swinomish

- \$ from Administration for Native Americans (ANA) – \$\$ large
- Worked with consultants and university to develop plan
- Additional \$ from Landscape Conservation Cooperatives, EPA, BIA
- \$ for things related to Adaptation Plan (i.e. building codes, shoreline projects, community & cultural health indicators)

Example: Jamestown S'Klallam

- Tribal Resolution
- \$ EPA GAP grant and special projects grants
- Consultant helped identify the vulnerabilities, worked with elders, drafted adaptation plans, sea level rise, ocean acidification, affects on stream flow and forests; developed models and communication tools.
- Later \$ BIA; BIA also funded several tribal partnerships
- EPA and USDA/NRCS also have \$ for tribal partnerships

Additional Resources

- Strategic Plan:
 - <http://pubs.usgs.gov/of/2013/1143/>
- Projects Funded:
 - <https://nccwsc.usgs.gov/display-csc/4f8c652fe4b0546c0c397b4a>
- Tribal Engagement:
 - <http://pubs.er.usgs.gov/publication/cir1396>
- Facebook

Questions

