CLIMAS Program Evaluation 2012-2017

- Context
- Research inputs
- Tangible Outputs
- Short-term Outcomes
- Medium-term Outcomes
- Broader Impacts
Here is our new simplified logic model.

- Give us $ --> We all WIN
CLIMAS Mission

Improve region’s ability to respond sufficiently and appropriately to climatic events and climate changes

use-inspired research
usable knowledge
how do we know if we’re doing good?
talk outline

- history of use-inspired research
- theory of use-inspired research
- evolution of CLIMAS program theory
- theory in practice
science policy

Vannevar Bush

“The Freedom of Inquiry Must Be Preserved”
As long as [universities] are vigorous and healthy and their scientists are free to pursue the truth wherever it may lead, there will be a flow of new scientific knowledge to those who can apply it to practical problems in Government, in industry, or elsewhere.”

- Vannevar Bush, 1945
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Transdisciplinarity


use-inspired basic research (1997) - Donald Stokes

interactive environmental research (1999) - Alistair Scott et al.

Interactive social science (2000) - Steve Woolgar

Boundary organizations, boundary objects (2001) - David Guston

end-to-end model (2001) - Shardul Agrawala, Kenneth Broad, David Guston

iterativity (2005) - Lemos and Morehouse
“collection, interpretation, valuation, and communication of information of relevance to decision makers, resource managers, and other interested individuals” (Bales, 1997)

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SOCIAL LEARNING SYSTEMS

Boundary organizations, boundary objects (2001) - David Guston

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Social Learning Systems
- Etienne Wenger (2000)
iterative interactions between physical, natural, social scientists, and non-academic partners contribute to the development of a social learning system made up of researchers and practitioners who collaborate to address regionally important issues with relevant climate-related research
Climate Resilient Social Learning System in the Southwest (a working model)
5 CLIMAS functions within the Climate Resilient SLS
Communicate

- interact with the largest amount of people
- establish CLIMAS brand within the region
Convene

- connect virtually and physically
- create space for iterative interactions
Consult

- tailored, expert advice
- data collection, analysis, interpretation, synthesis
Collaborate

- co-produce information with demonstrable impact
- varies as to project duties
Train - next generation

Current Fellows

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final thoughts

- Evaluation has brought clarity of thought and purpose.
- now have a better way to measure impact in these five areas.
- Knowledge production is inherently social.
- The actions that CLIMAS takes to produce knowledge are social.