



The Role of the NSF in Climate Intervention Research

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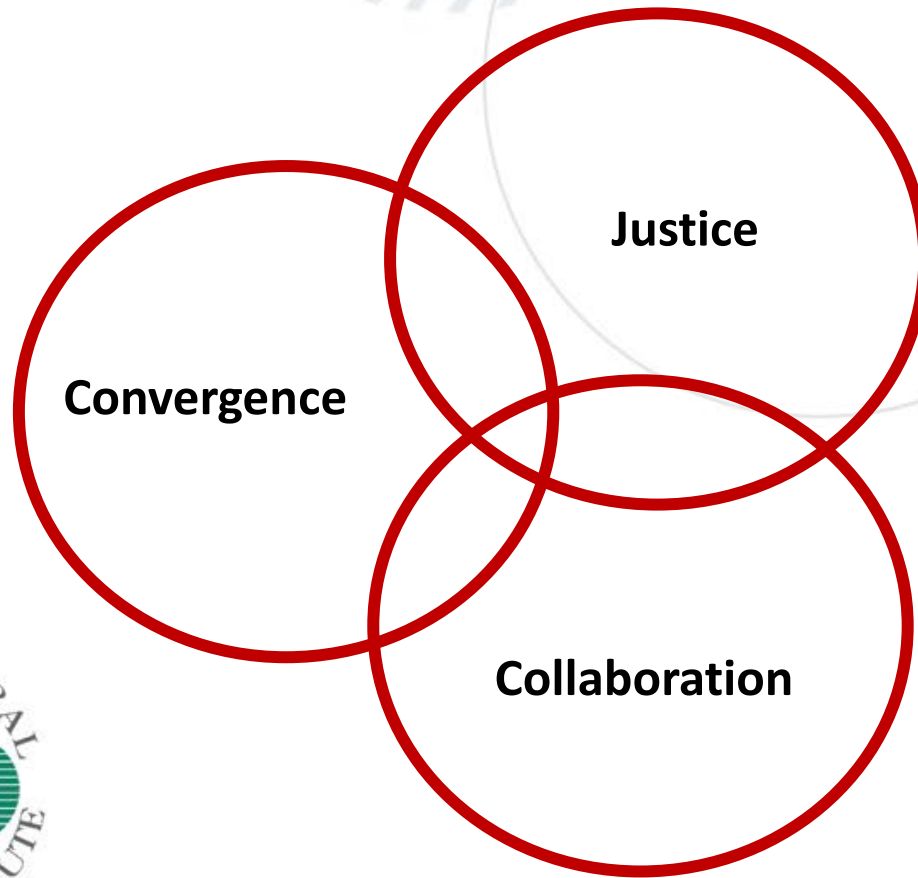


Scientific progress on a broad front results from the free play of free intellects, working on subjects of their own choice, in the manner dictated by their curiosity for exploration of the unknown.

~ Vannevar Bush



See Bush 1945; Zachary 1999



3 longstanding ideas relevant to addressing complex, value-laden, uncertainty-prone societal challenges.



Credit: Raj Pandya, American Geophysical Union

PROGRAM MANAGEMENT STYLES

Expectations for science

Problem Solving

Discovery

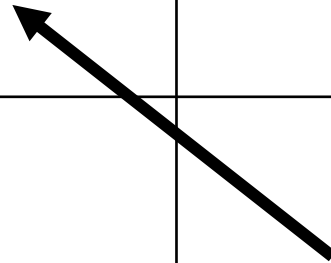
Proactive

**Actionable
Science?**

**Funder
management
style**

“Community” - driven
i.e. scientific community -driven

Autonomy



Towards more proactive, problem-solving science funding

Opportunities arising from literature & interviews



Solicitation elements

- Engage with users
- Impact statements
- Alternate formats



Proposal review

- Include users
- Diverse expertise
- In person presentation



Implementation support

- Convening
- Funder engagement with project
- Cross cohort coordination



Evaluation & learning

- Societal impact evaluation
- Evaluation of use
- *Desire to do more*

+ many, many other individualized tactics



Thank you
for listening!

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