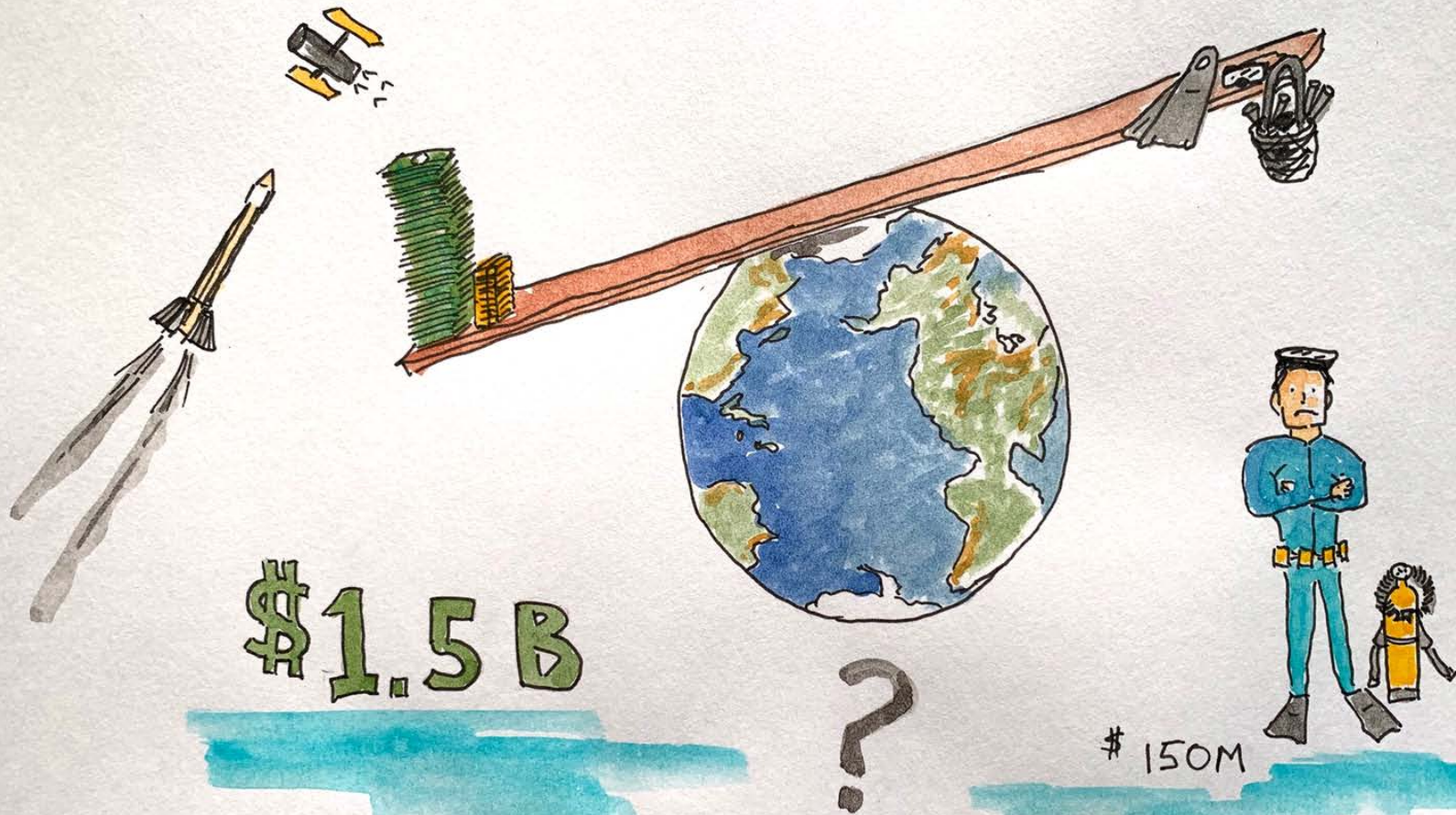


Governance to Support Sustained Ocean Observations

Craig McLean
OAR Assistant Administrator
September 17, 2020







cm

Summary

- Unify the effort.
- Market the value proposition.
- Be bold and aggressive. Ask for what we need.





National Marine Sanctuary System and the National Marine Sanctuary Foundation



An Overview



**National
Marine Sanctuary
Foundation**

National Marine Sanctuary Foundation

Established in 2000, the National Marine Sanctuary Foundation:

1. Increases local, national and international awareness and protection of the National Marine Sanctuary System and its value to communities and the local economies.
2. Raises revenue for national marine sanctuaries and the National Marine Sanctuary System.
3. Builds a constituency of stewards for America's ocean and the Great Lakes.





**National
Marine Sanctuary
Foundation**

Our Approach

- **Nonpartisan credible voice** for marine and Great Lakes protected areas at the national level
- **National organization with the ability to deliver on-the-water conservation results** through local chapters and by engaging citizens, non-profits, and businesses in stewardship to promote a healthier ocean and Great Lakes
- **Foster innovative projects** that are solution-oriented, scalable, and transferable beyond sanctuary boundaries
- **Leverage public funding to support private investment** in conservation, maritime preservation, science, and education
- **Use scientific, legal, and policy expertise** to inform programs





National
Marine Sanctuary
Foundation

Governance/Structure

Public Private Relationship

- Public sector champion
- Beware of “capture” by one entity

Statutory/Regulatory Environment

Relationship: Who is it with and what are the interest of each?

Sharing of skills and assets AND risks and rewards

Stakeholder Support



Thank You

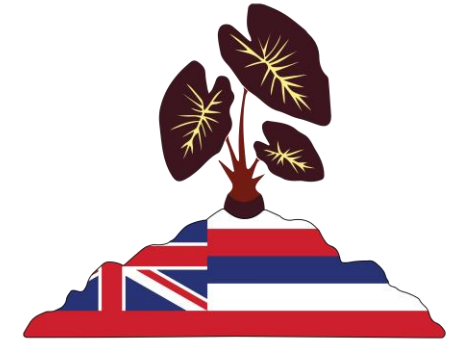


Indigenous Perspectives

Observing and Managing Ocean Resources



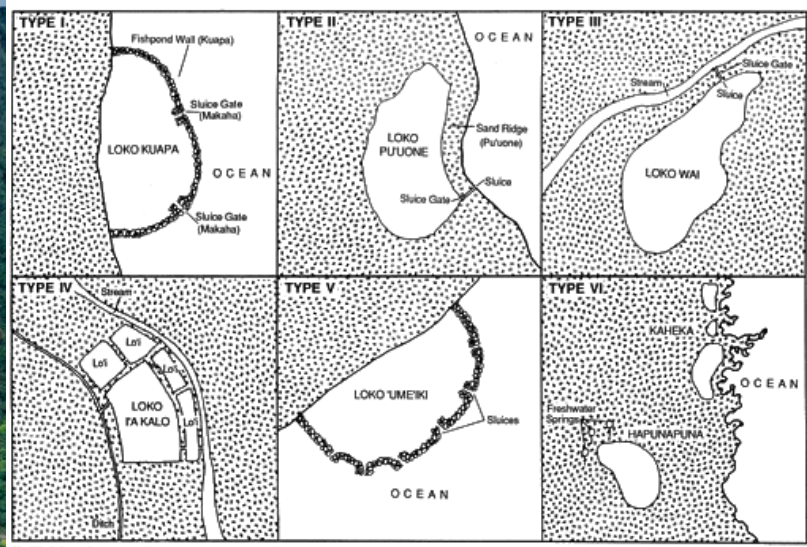
Jane Lokomaika'ikeakua Au



‘Āina Momona



Loko I'a & Indigenous Observation



Enhancing Indigenous Leadership

- Community-based, comprehensive resource management
- Sustainable and ethical ocean practices
- Holistic observations
- Greater local applicability
- Flexibility and improved communication
- Regional differences and connections across regions
- Improvements in forecasts, coverage, measurements, monitoring, mitigation, and dissemination

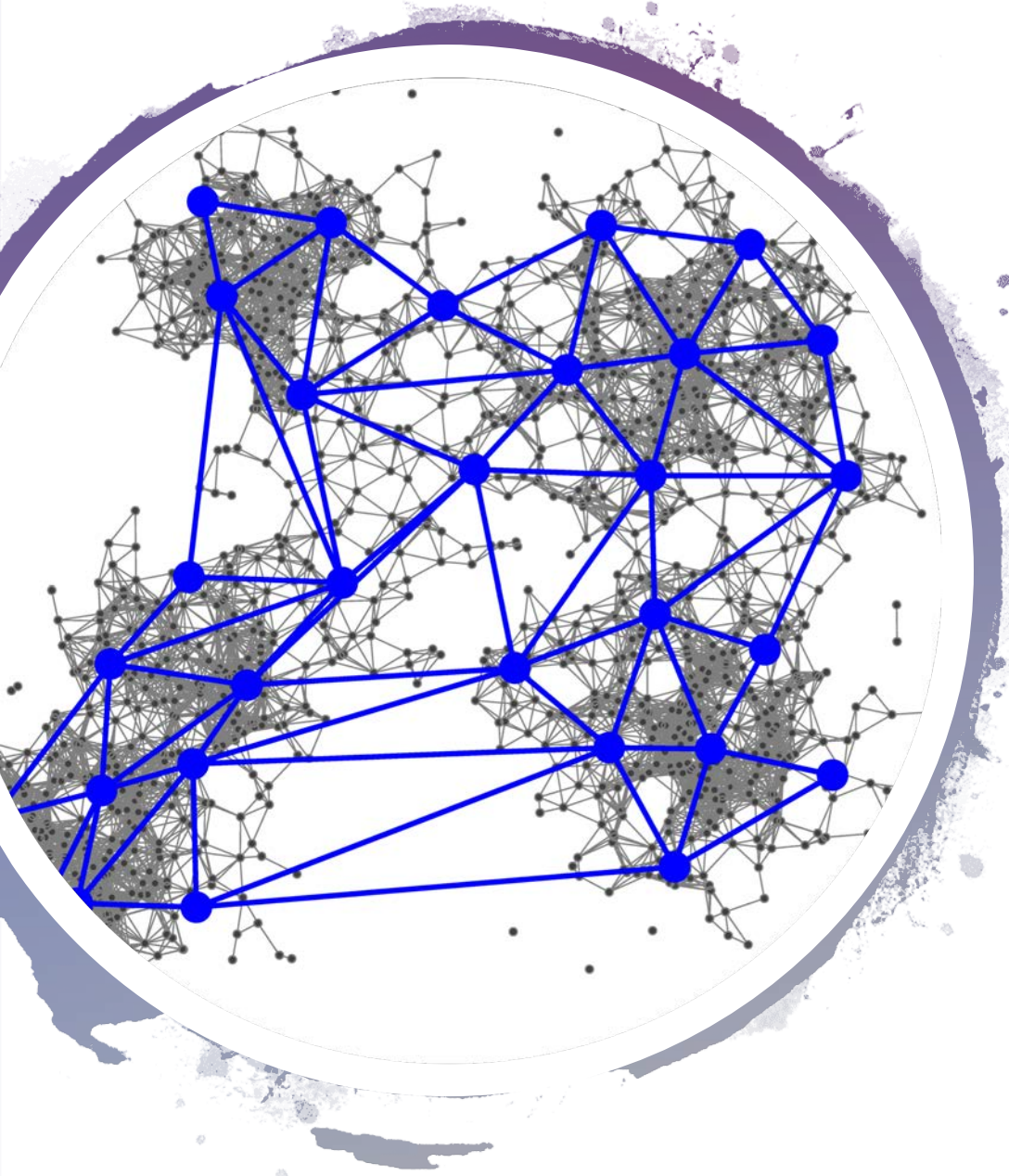


Photo by: Manny Crisostomo

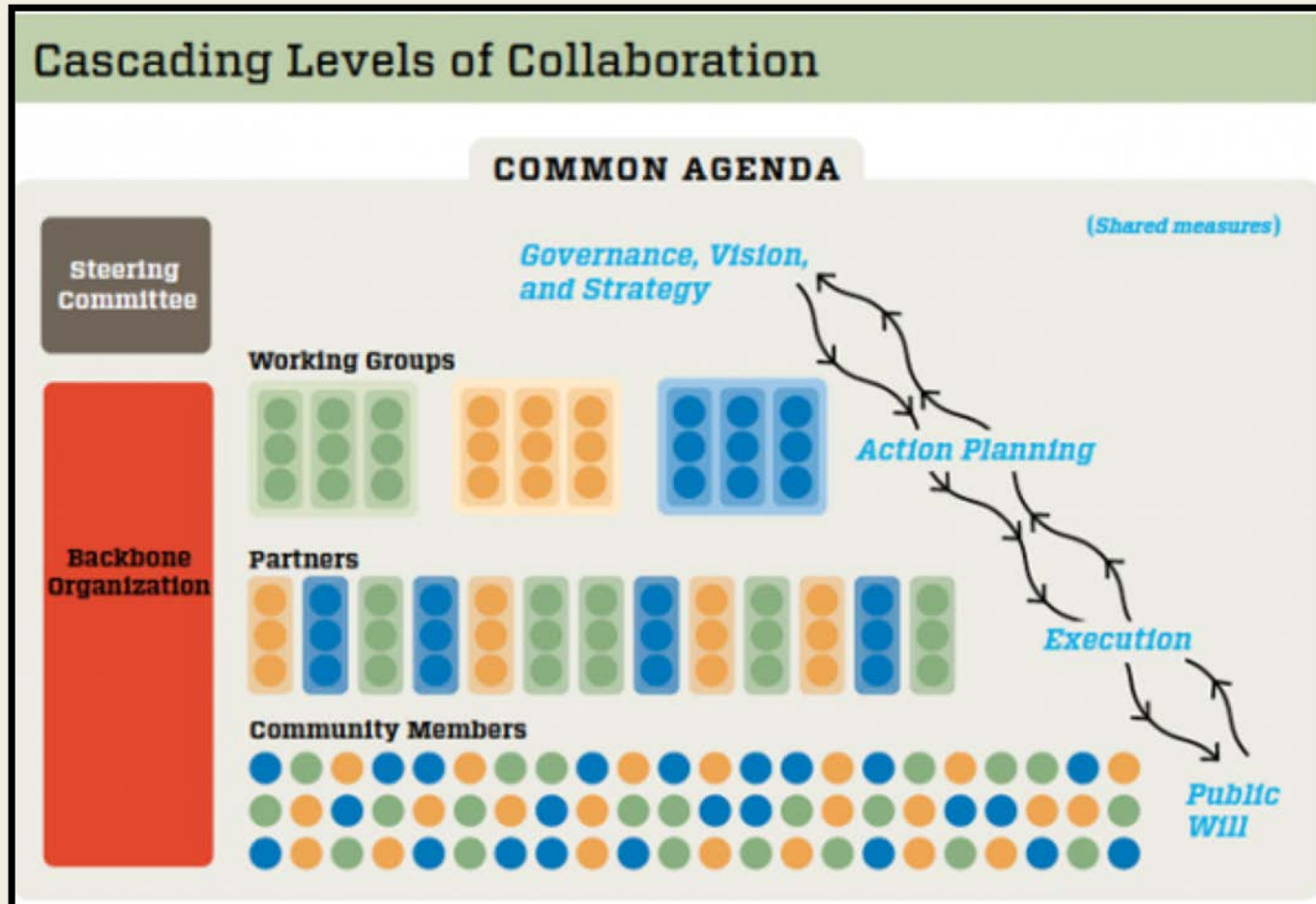
Sustainability in Complex Adaptive Systems

In [Complex Adaptive Systems], sustainable management comes close to initiating a “coevolutionary dialogue” where a continuous learning process is driven by the mutual and reciprocal interactions among the interlinked sub-systems and agents. Alongside this “dialogue”, the ability to form new relations and new emerging properties enhances the chances of adaptive change and social–ecological resilience.

- Rammel et al. (2007)



Collective Impact Organizations



Collective Impact Conditions:

- Common Agenda
- Shared Measurement
- Mutually Reinforcing Activities
- Continuous Communication
- Backbone Support

Collective Impact and Backbone Organizations



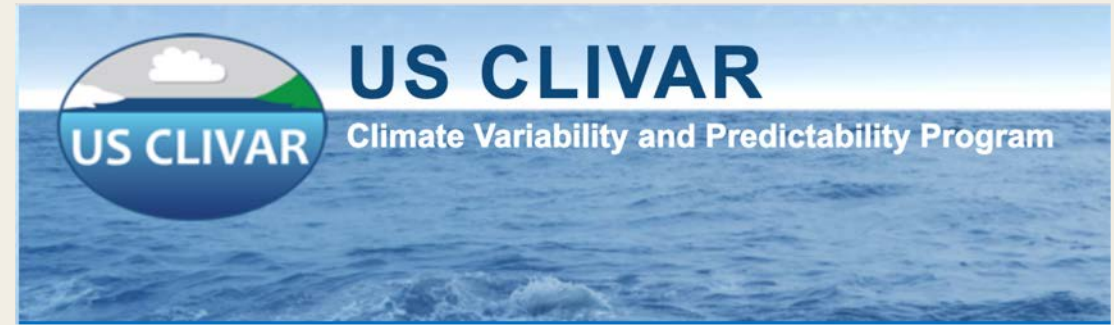
Wisconsin Initiative on Climate Change Impacts

Working together to advance climate solutions in Wisconsin and the Midwest

Science



Solutions



US CLIVAR

Provides coordination in the research community to advance understanding of climate variability and predictability

Collective Impact: Why and How?

- ***“Sustaining Ocean Observations” is complex / adaptive***
Numerous interacting shareholders, constantly evolving needs and priorities, no equilibrium. Sustainability is a constant learning / communication problem
- ***Effective organizational structure for cross-sector collaboration***
Many examples of successful CI in ocean and climate communities, and beyond
- ***Strong “Backbone” organization is critical***
A strong “backbone” organization is critical. Backbone organization for does not set the agenda! Instead, it provides the infrastructure to allow the conversation to happen

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