

Tahoe Science Advisory Council

Robert Larsen

Council Program Officer

Discussion Topics

- Council structure and governance
- Recent activities
- October “Science to Action” conference
- Draft “Science to Action” plan

Council Overview

- Provide a collaborative science perspective
- Identify emerging issues and scientific advances
- Peer review, workshops, panels
- Link science with management needs
- Maintain a venue for science/policy dialogue



Bi-State MOU – Council

Two members from:

- University of California, Davis
- University of California system
- University of Nevada, Reno
- Desert Research Institute
- US Geological Survey
- US Forest Service, Pacific Southwest Research Station

Non-voting members from:

- Nevada DCNR
- California Natural Resources Agency

Bi-State MOU – Executive Committee

- CNRA Secretary +1 appointee
- DCNR Director +1 appointee
- TRPA Executive Director
- 2x UC Vice Chancellor or equivalent
- 2x Nevada System of Higher Education
- USGS Regional Director appointee
- USFS Regional Forester appointee

Bi-State MOU – TIE SC

“...improve coordination among Tahoe Basin resource managers and research scientists, prioritize projects within the Environmental Improvement Program, and identify priority issues for review by the Council.”

Bi-State MOU – TIE SC

“Either the Council or the TIE Steering Committee may, in its discretion, decide to form EIP Working Groups, as necessary. Such groups should be established at the direction of the Council or the TIE Steering Committee...”

Also – “...consider including two voting members from the Tahoe Science Advisory Council.”



Actions and Opportunities

T S A C
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Activities and Opportunities

Water Quality

- Ongoing clarity investigations
- Monitoring program review
- Microplastics workgroup
- AIS program support

Activities and Opportunities

Social Science

- Recreation/Stewardship Monitoring
- VMT review



Activities and Opportunities

Watersheds

- Tahoe Ecological Observatory Network
- Forest Health and Biodiversity Thresholds

Communications

- Clarity Story Map
- Science to Action Conference
- Science to Action Plan



“Science to Action” Conference

T S A C
Tahoe Science Advisory Council



“Science to Action” Conference



Dr. Valerie Hipkins

*US Forest Service Associate
Deputy Chief for Research &
Development*

“Science to Action” Conference

Interactive panel discussions:

- Landscape Restoration
Mayala Wata
- Conserving Biodiversity
- Nearshore/AIS
- Clarity/Water Quality
- Microplastics
- Destination Stewardship



“Science to Action” Conference

Friday plenary session ideas

- Executive science primer
- Topical working groups
- Accessible products
- Communication and dialogue



“Science to Action” Plan

T S A C
Tahoe Science Advisory Council

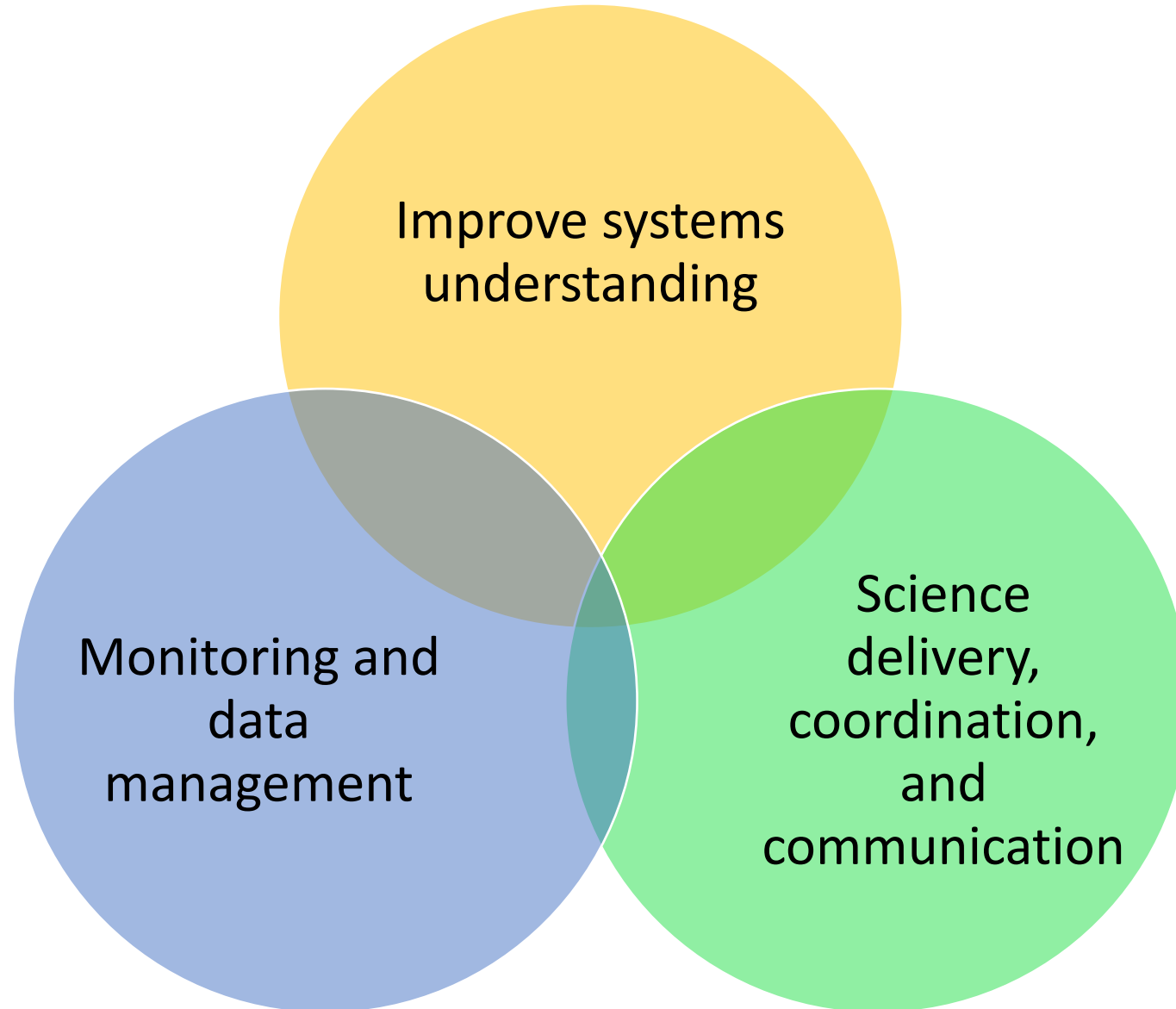


“Science to Action” Planning

Science planning foundation

- 2010 - *Integrated science plan for the Lake Tahoe basin: conceptual framework and research strategies*
- 2019 - *Science to Action Plan for Lake Tahoe*
- 2021 - *Upland Ecosystem Science to Action Plan*
- **2023 – *Integrated Science to Action***

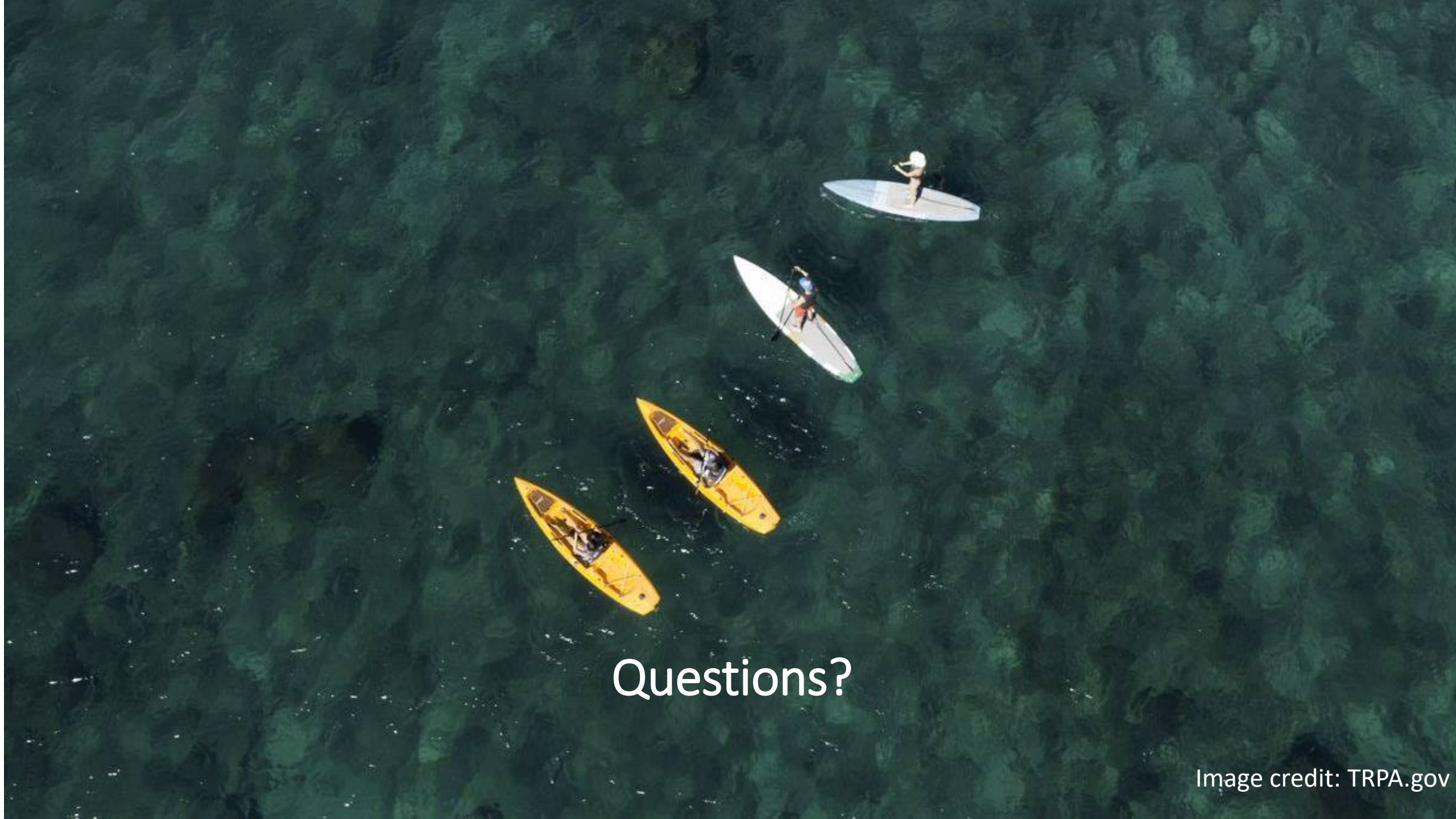
“Science to Action” Plan



“Science to Action” Plan

TIE-SC Role

- Support
- Review and comment
 - Dec 15, 2023
- Continued engagement



Questions?

“Science to Action” Plan

Improve systems understanding

- Research studies
- Model development

“Science to Action” Plan

Monitoring and data management

- Data collection
 - Detect changes
 - Track trends

“Science to Action” Plan

Science delivery, coordination, and communication

- Synthesize findings
- Identify emerging issues
- Coordinated analyses
- Accessible products