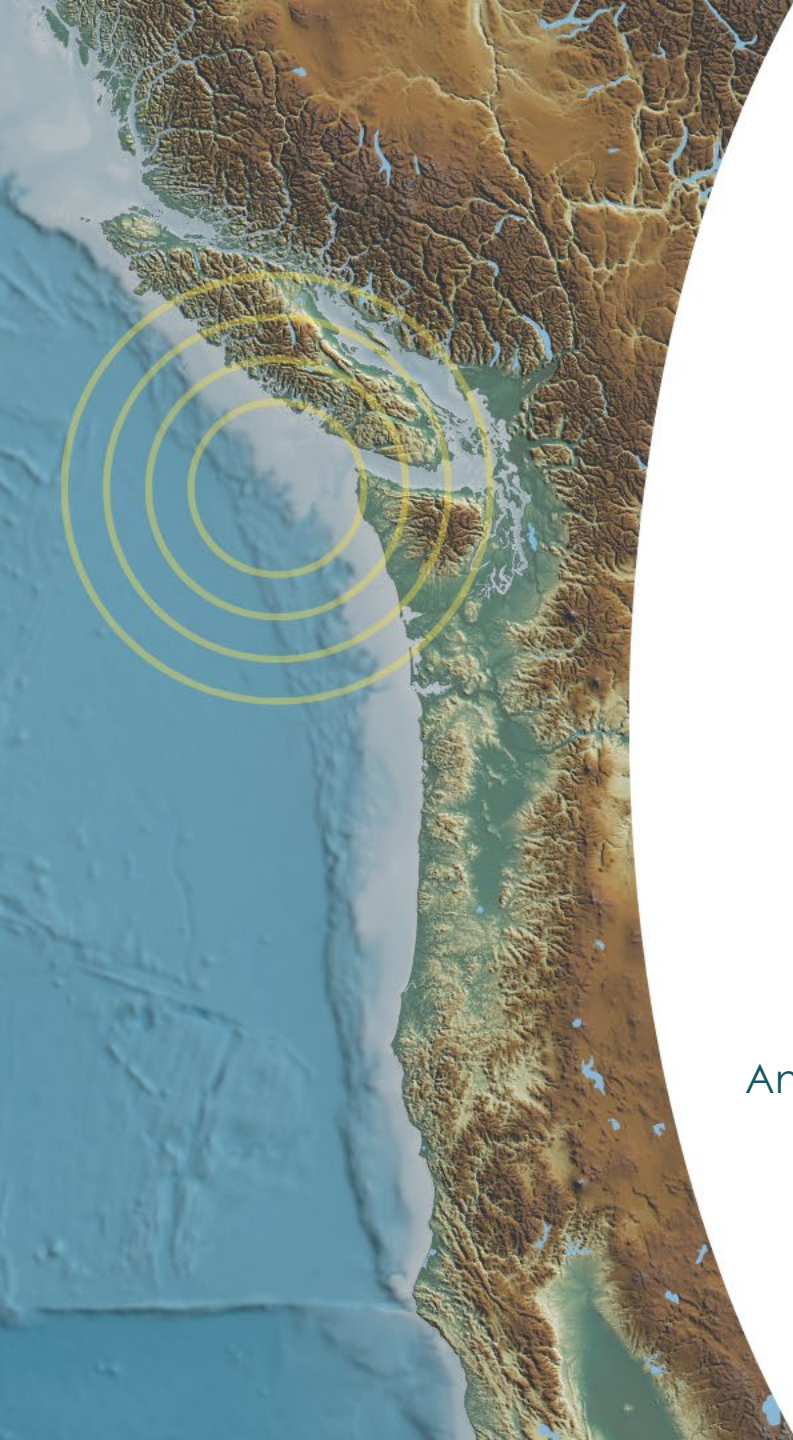




CRESCENT Partnerships & Applications Updates

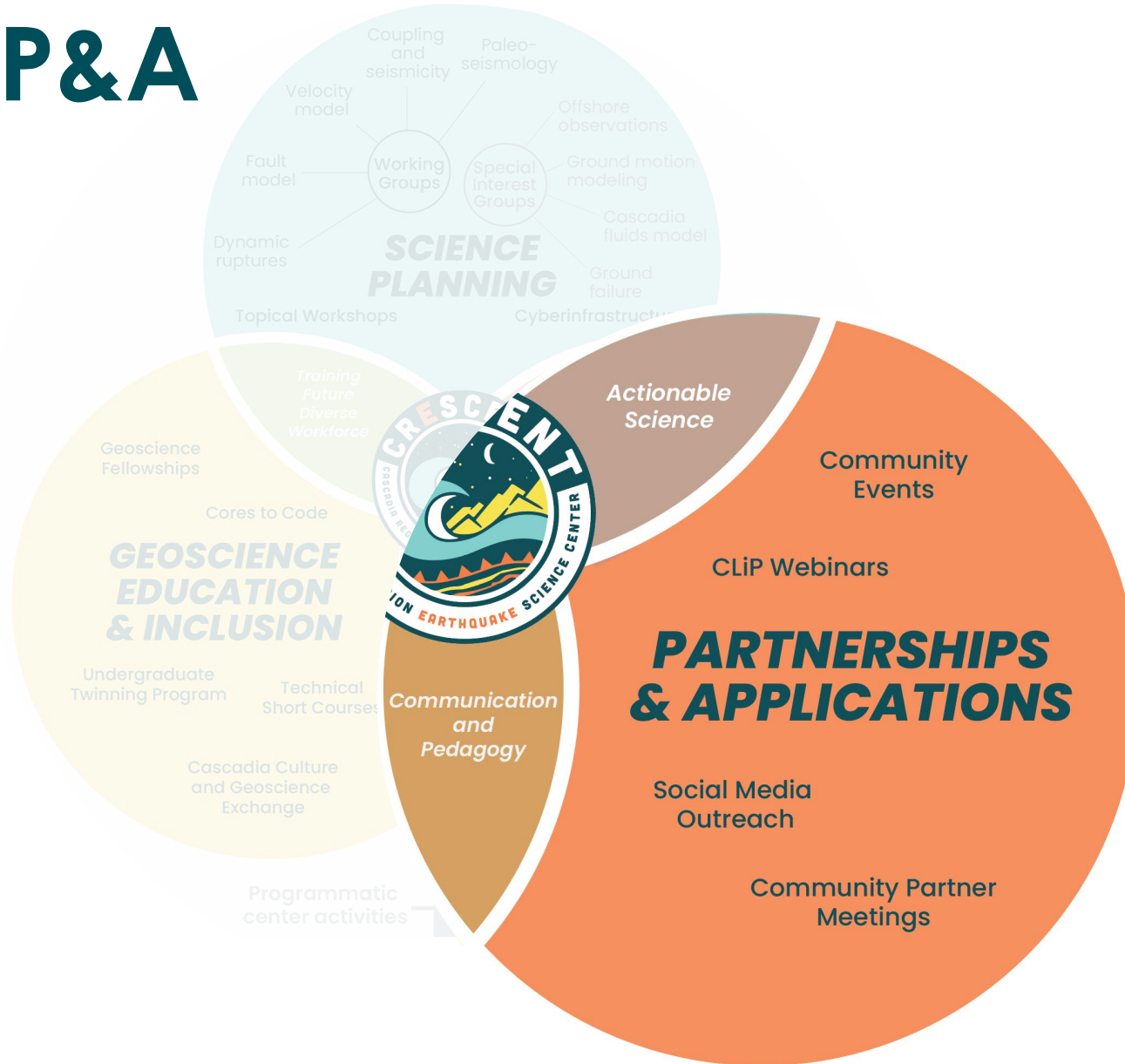
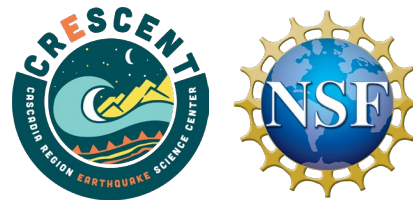
October 28th, 2025

Valerie Sahakian on behalf of the PAC:

Andy Clifford, Michael Olsen, Pieter-Ewald Share, alex grant, Lori Dengler, Rob Witter



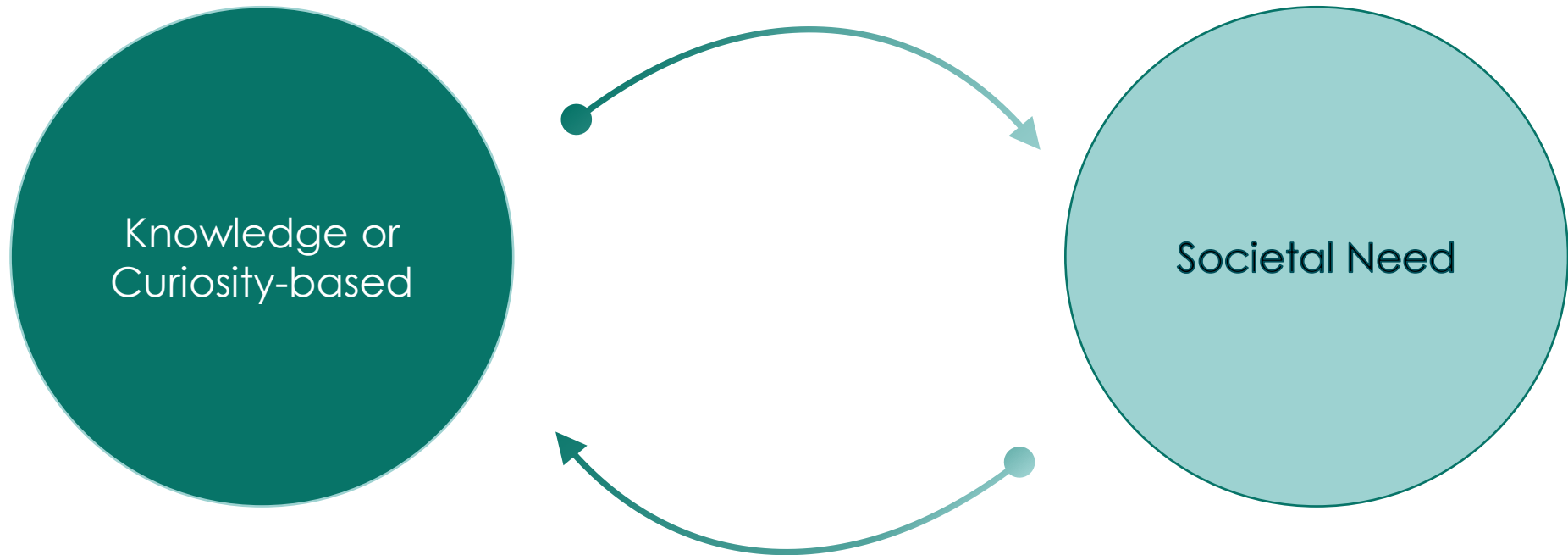
P&A



- 3 objectives or “pillars”
- The **science** behind earthquakes and their hazards
- Connecting the science to meaningful societally relevant outcomes through **partnerships** and development of **applications** – **CRESCENT as a “Town Hall”**
- Expanding access to careers through **geoscience education and inclusion**

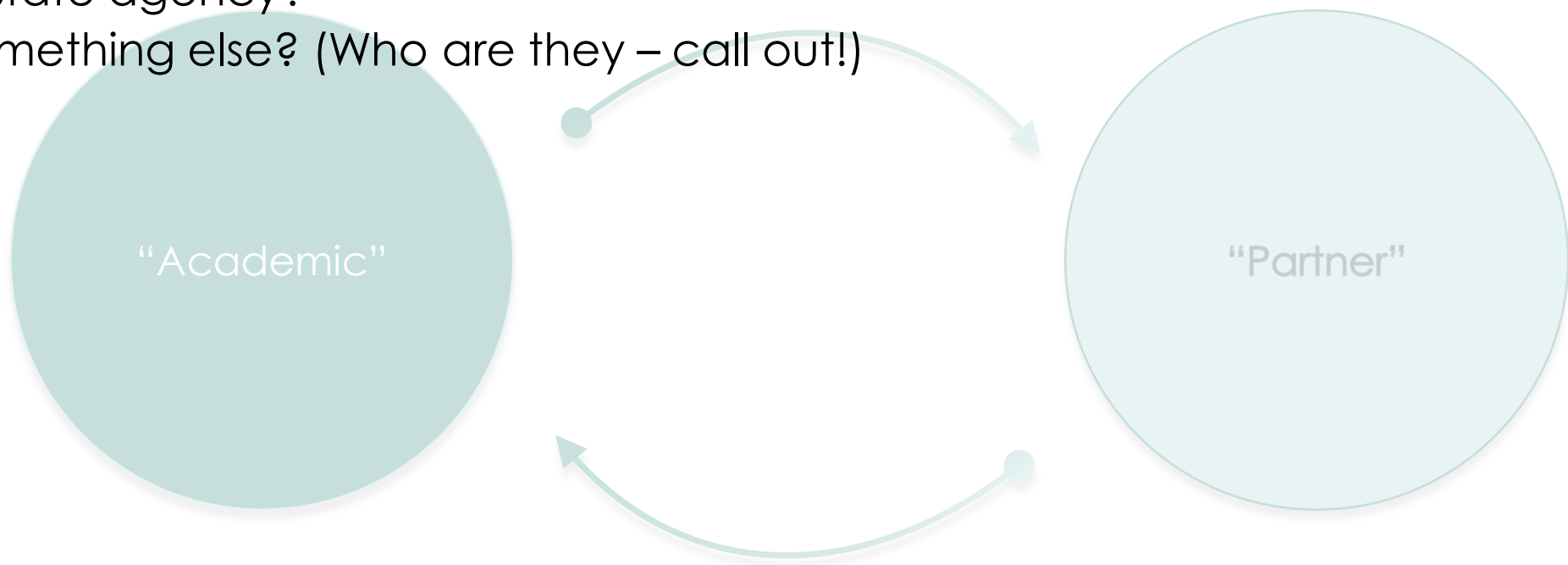
“Science for a resilient society”

What is the motivation for our science?

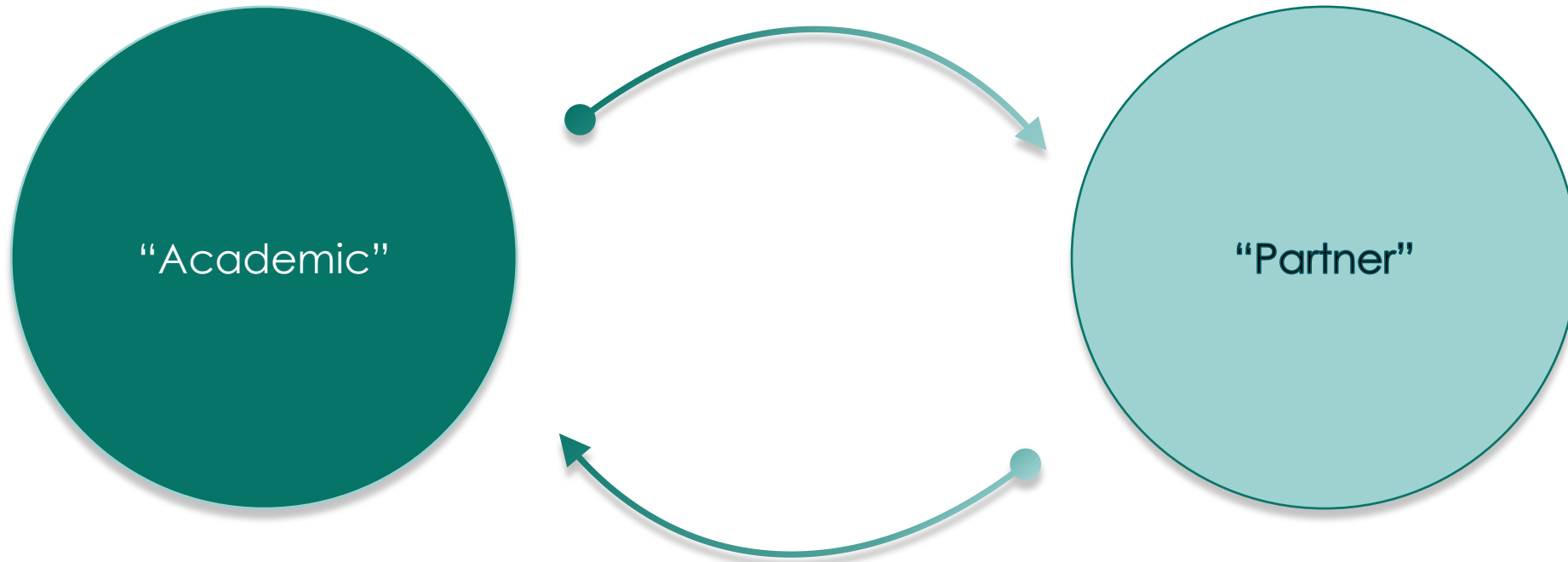


Who do we work with?

- If you are an academic, raise your hand if you:
 - Work with a non-academic collaborator or agency in your work?
 - If that collaborator is from:
 - The USGS?
 - Another federal agency?
 - A state agency?
 - Something else? (Who are they – call out!)



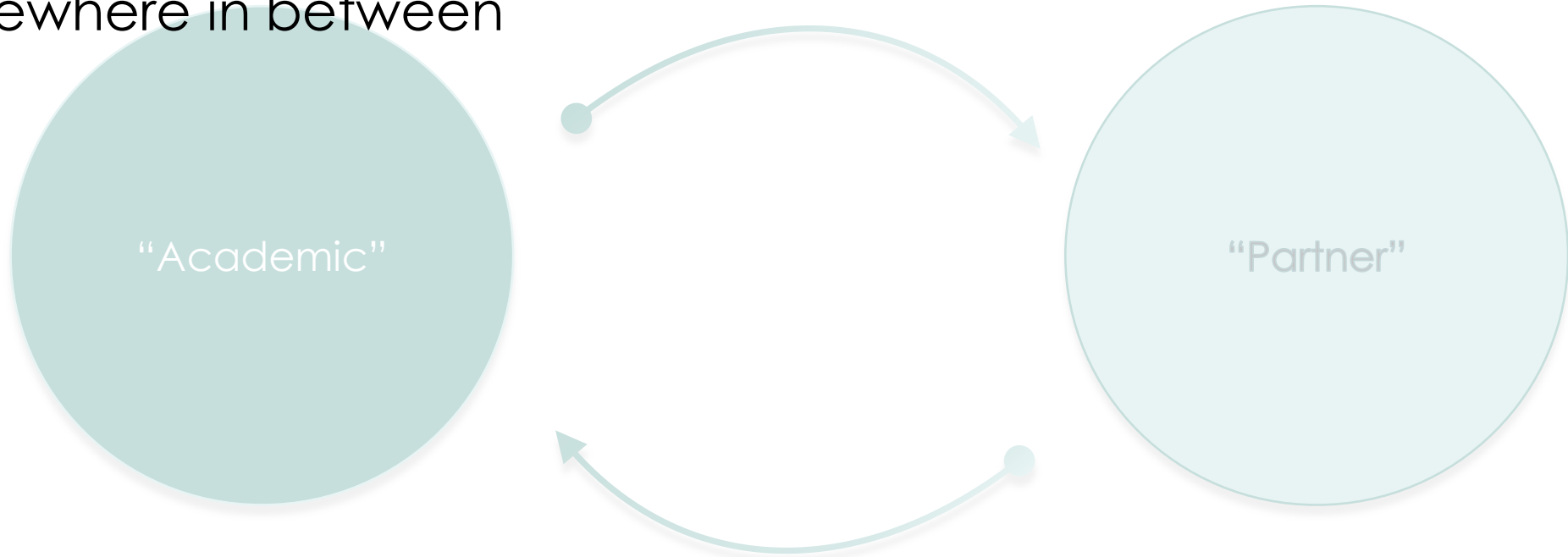
How are our projects currently designed?



How are our projects currently designed?



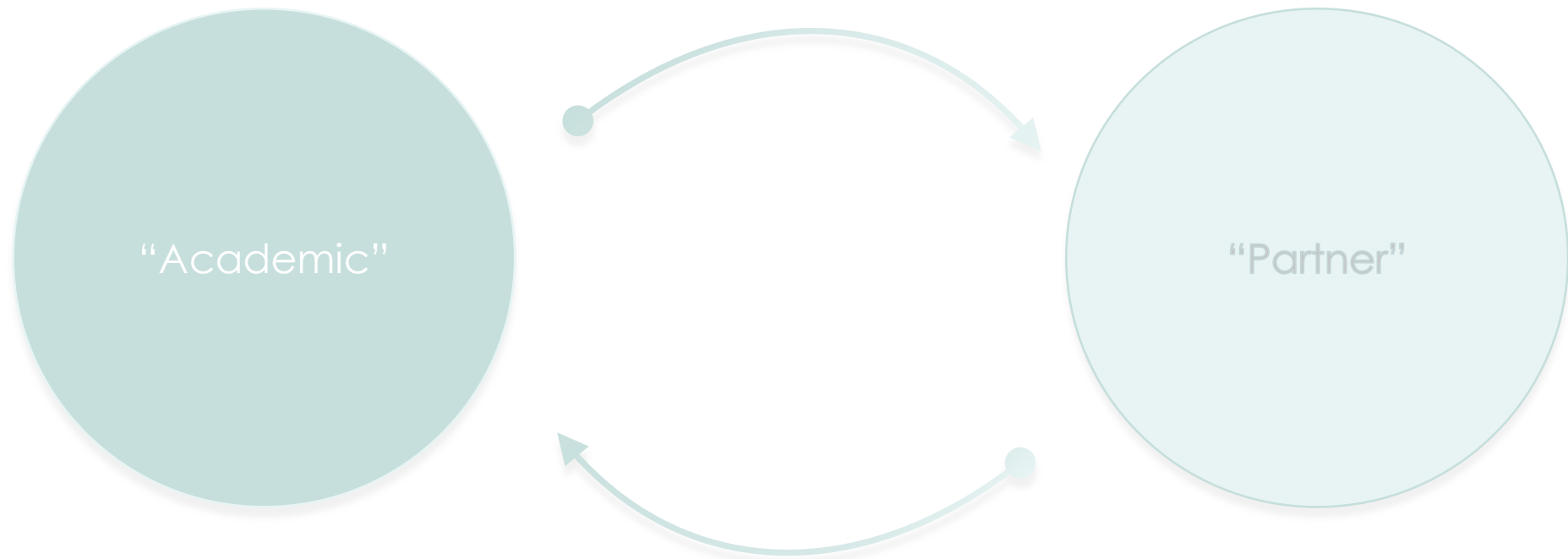
- Raise your hand if your collaboration:
 - Started from your research interests and involved the partner
 - Started from a partner interest/need and involved you
 - Somewhere in between



Science for a Resilient Society



- We would love to hear about your collaborations, and how we can best serve each other





P&A Program:

- Annual partner meeting (~150 people)
- Seismic Moment Newsletter + social media
- Cascadia Lifelines Program (CLiP) webinars
- Relationship Building:
 - One-on-one regular partner meetings
 - Supporting and collaborating on local resilience events
 - Connections with Working Groups

2024 Focus:

- State agencies
- Tribal Engagement Strategy
- Social Science Collaborations

Annual Partners Meeting



• 2024:

Overarching need:

INTERORGANIZATIONAL COORDINATION

SCIENCE COMMUNICATION & ENGAGEMENT

unified messaging and
plain language
communication of
earthquake science,
hazards and uncertainties
targeted to
different audiences

DATA AVAILABILITY & ACCESS

centralized, navigable
data sets, tailored to
applications/users

EMERGENCY PREPAREDNESS & RESPONSE PLANNING

wider infrastructure
redundancy and unified
response planning across
borders, jurisdictions and
sectors

RESOURCE LIMITATIONS

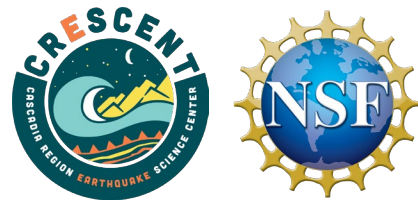
lack of funding, competing
budget priorities,
personnel and skill
shortages

• 2025:

- Focus themes
- Field trips



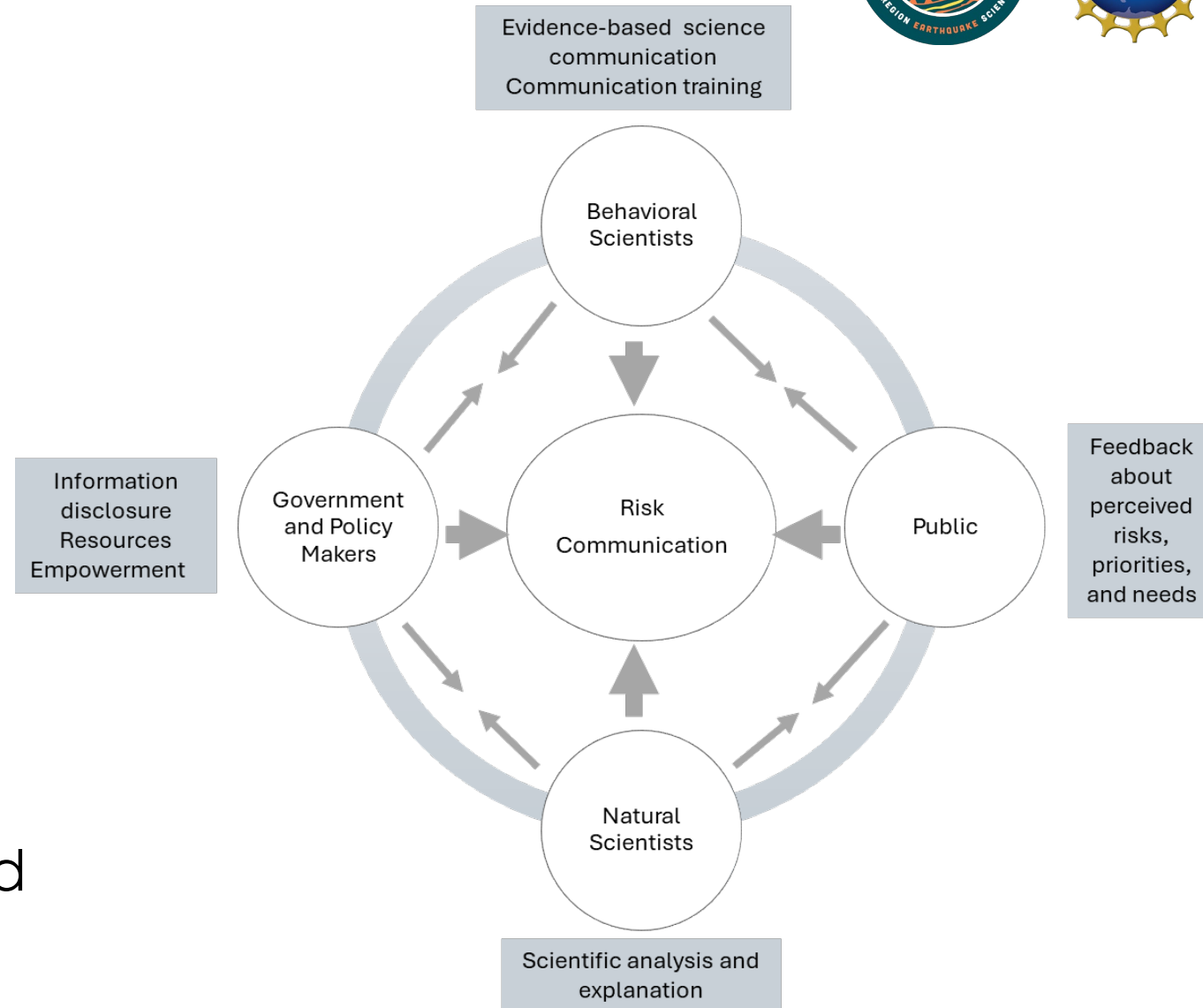
P&A Program:



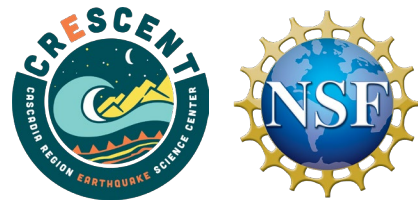
- Annual partner meeting (~150 people)
- Seismic Moment Newsletter + social media
- Cascadia Lifelines Program (CLiP) webinars
- Relationship Building:
 - One-on-One regular partner meetings
 - Attending partner events
 - Connections with Working Groups
- Developing future-oriented strategies:
 - Social Science Collaborations
 - Tribal Engagement
 - Scenarios
 - Continued relationship building

NSF CRISES

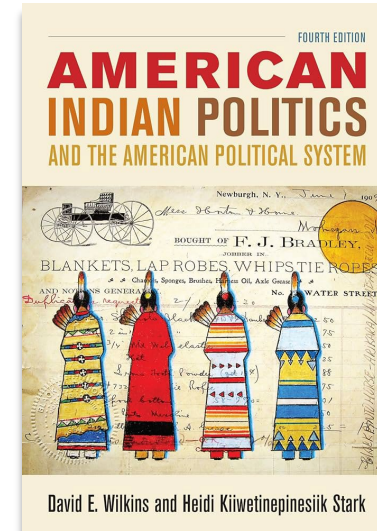
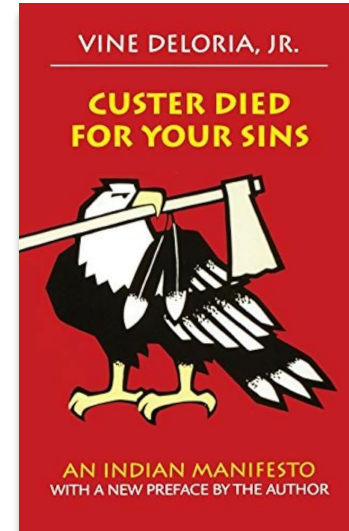
- NSF planning grant with Ellen Peters (UO SOJC) and many others for “Centers for Research and Innovation in Science, the Environment, and Society” (CRISES)
- Focus on understanding social science questions from an academic and practicing base, for regional hazards and risk communication
- CRISES unfortunately discontinued – looking for additional opportunities for future



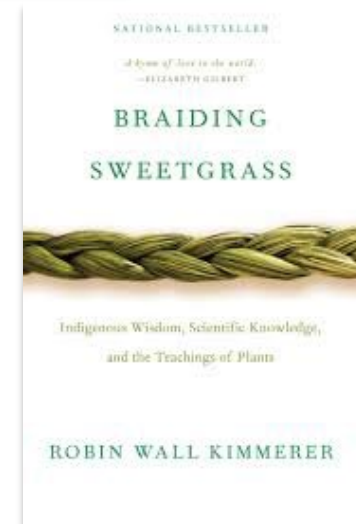
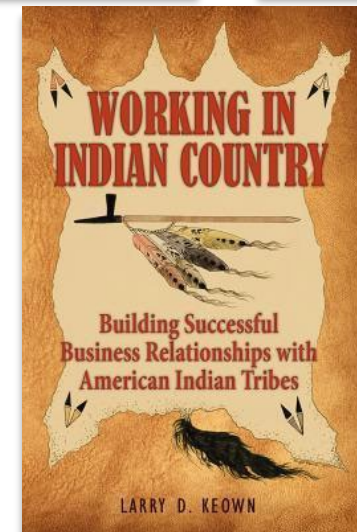
PSU's Tribal Relations Program



- 9 months:
 - 6 Sessions
 - 3 Field Trips:
 - National Congress of American Indians
 - Affiliated Tribes of Northwest Indians
 - Coastal trip to 4 tribes)
- Readings
- Networking
- Capstone Project



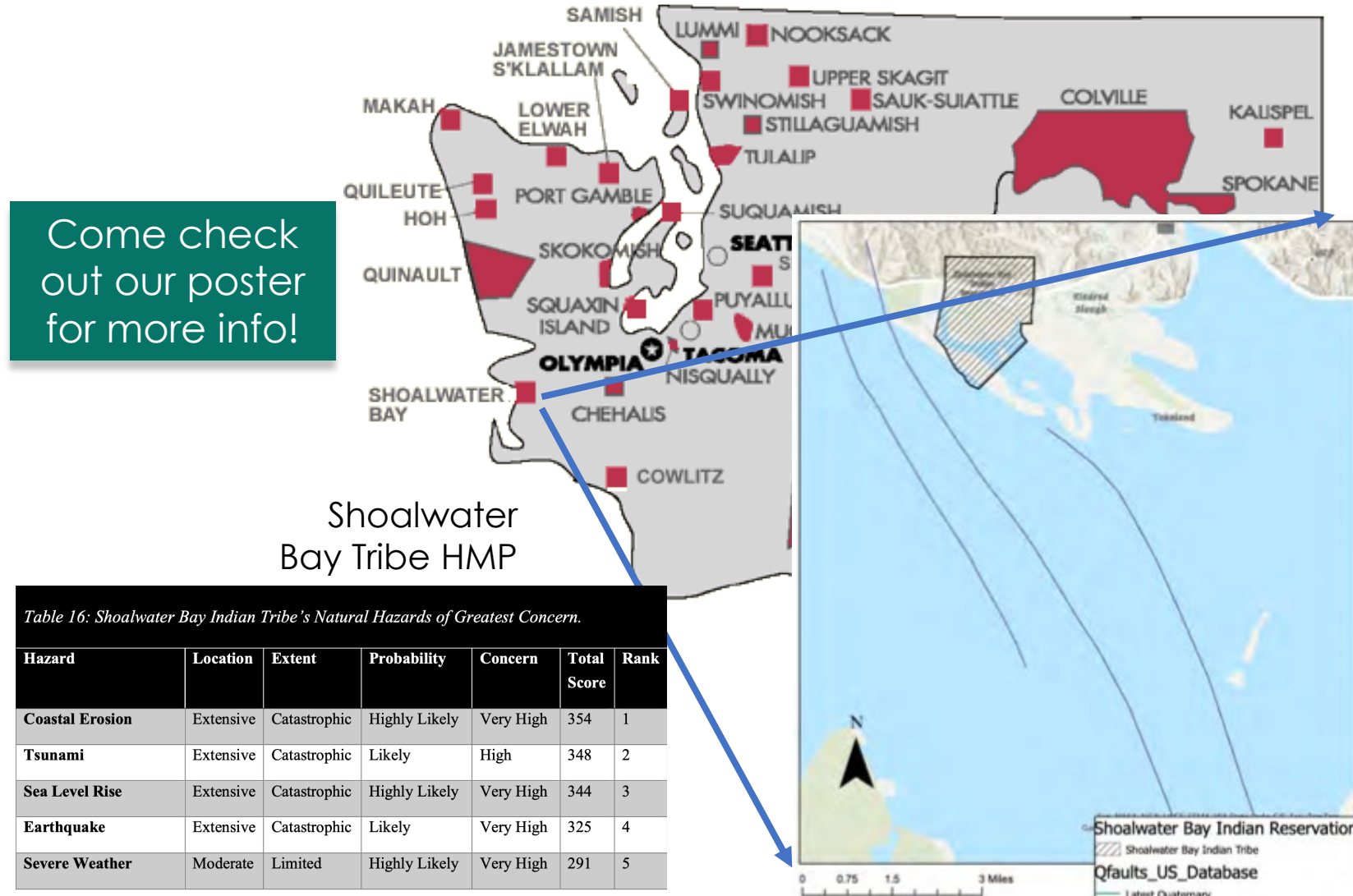
Readings for
anyone
interested



PSU's Tribal Relations Program



- Capstone Project:
 - Reviewed Tribal Hazard Mitigation Plans
 - (hazard and risk assessment required by FEMA to obtain federal funding)
- Understand significance and process of seismic hazard assessment and mitigation for tribal nations
- Determine ways in which CRESCENT may be able to contribute to hazard analysis and resilience efforts



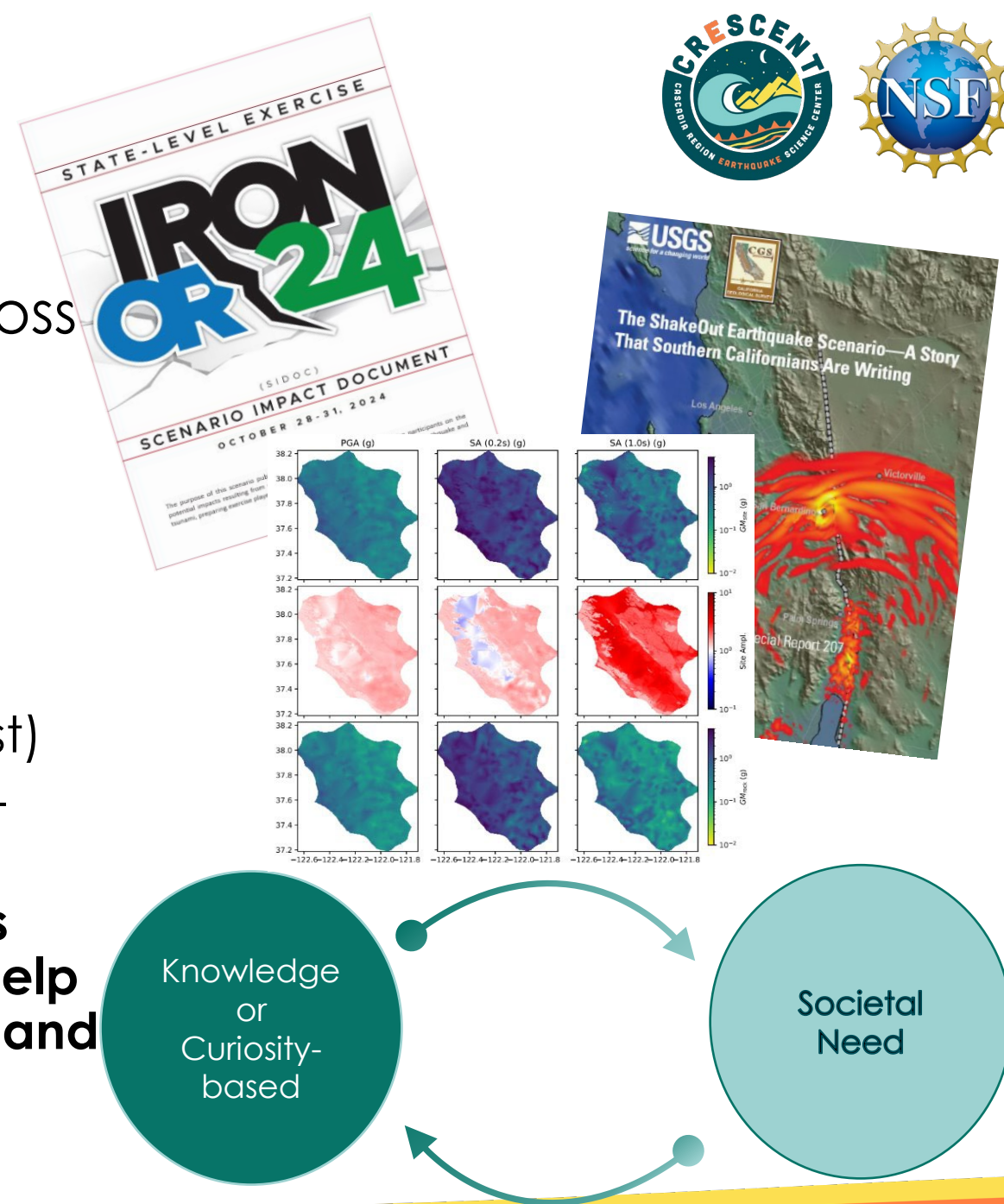
2025: Tribal Engagement Strategy



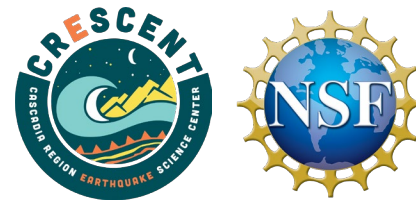
- Continue building database of contacts, governance structures, histories, THMPs
- Document existing relevant partnerships and shared priorities; Develop questions/listening sessions
- Meet regularly with tribal contacts; attend tribal summits; keep up to date on concerns and priorities
- Partner with tribes on existing research and resilience efforts where center capacity exists:
 - Within WG's (talk to us if interested!)
 - Within GEI and outreach efforts
 - Within cyberinfrastructure in P&A allocation

2025: Scenarios

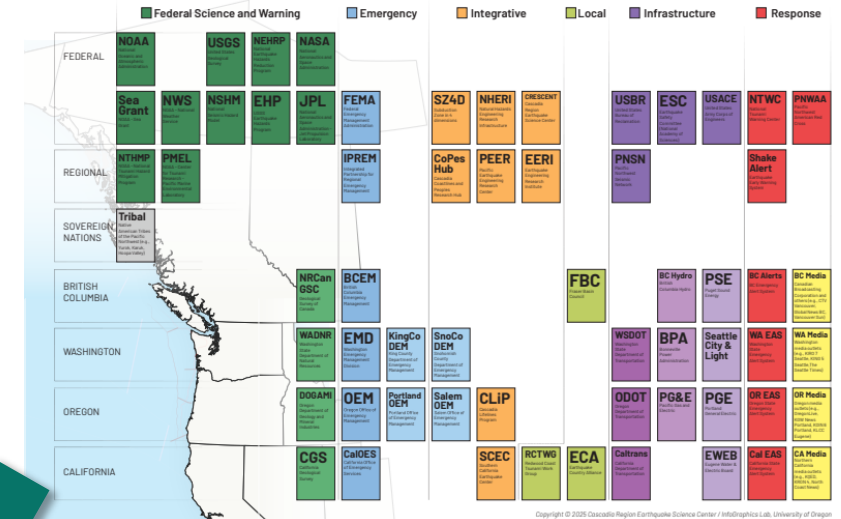
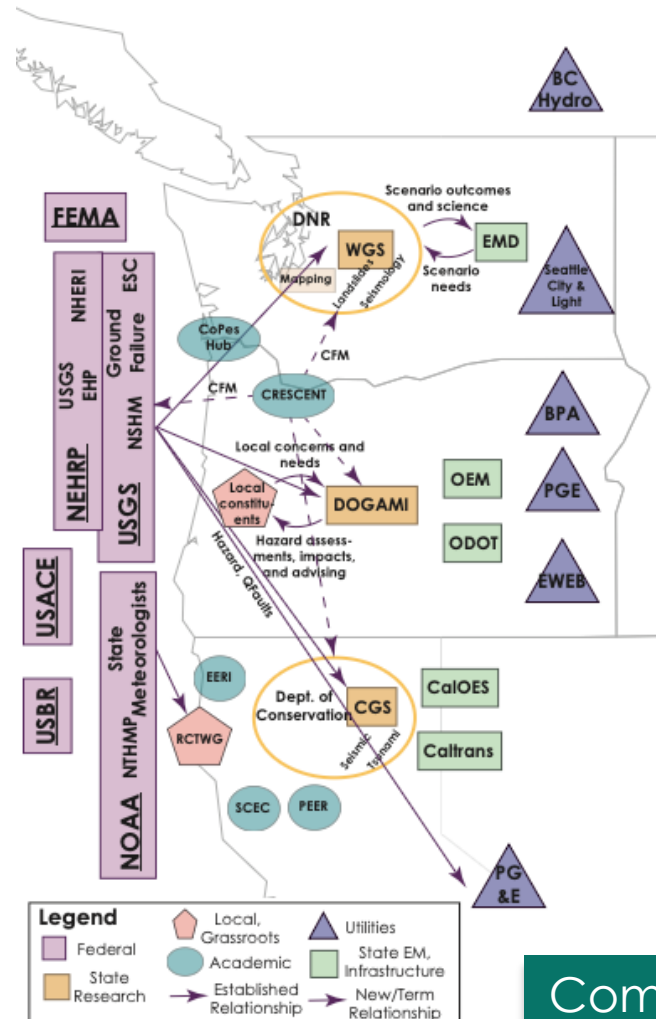
- Broad partner interest to develop cross border scenarios for:
 - Risk assessment
 - Emergency Planning
 - Tabletop exercises and practice
- 2025-2026 Plans:
 - Town Hall on scenarios for scientists (Past)
 - 2026 Partners Meeting: Scenario focus – planning and funding opportunities
 - **Come talk with us at our poster to tell us about what you think scenarios could help you learn about earthquake processes and science!**



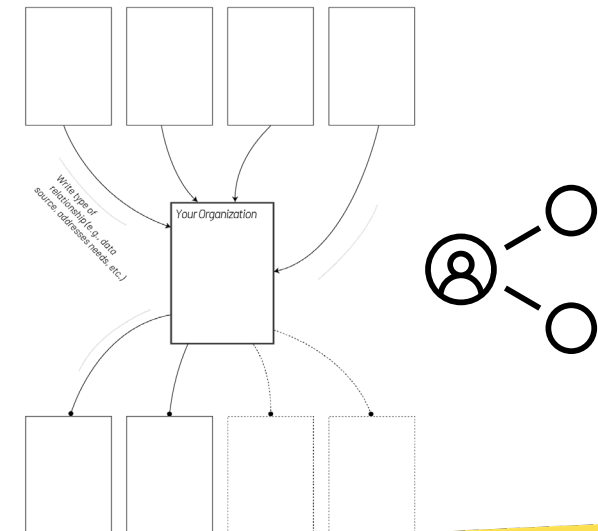
2025: Cascadia Connections



- Where does CRESCENT sit within existing CSZ hazard and risk work?
 - Networking tool
 - Facilitate relationship building
 - Between CRESCENTWG/SIGs and other orgs
 - Between other regional organizations
 - Directory/ data dashboard



Organizational Relationship Web
Identify key orgs that facilitate or could facilitate your work



Come check out our poster to fill out your own!

Thanks to...



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The Partnerships & Applications Committee