

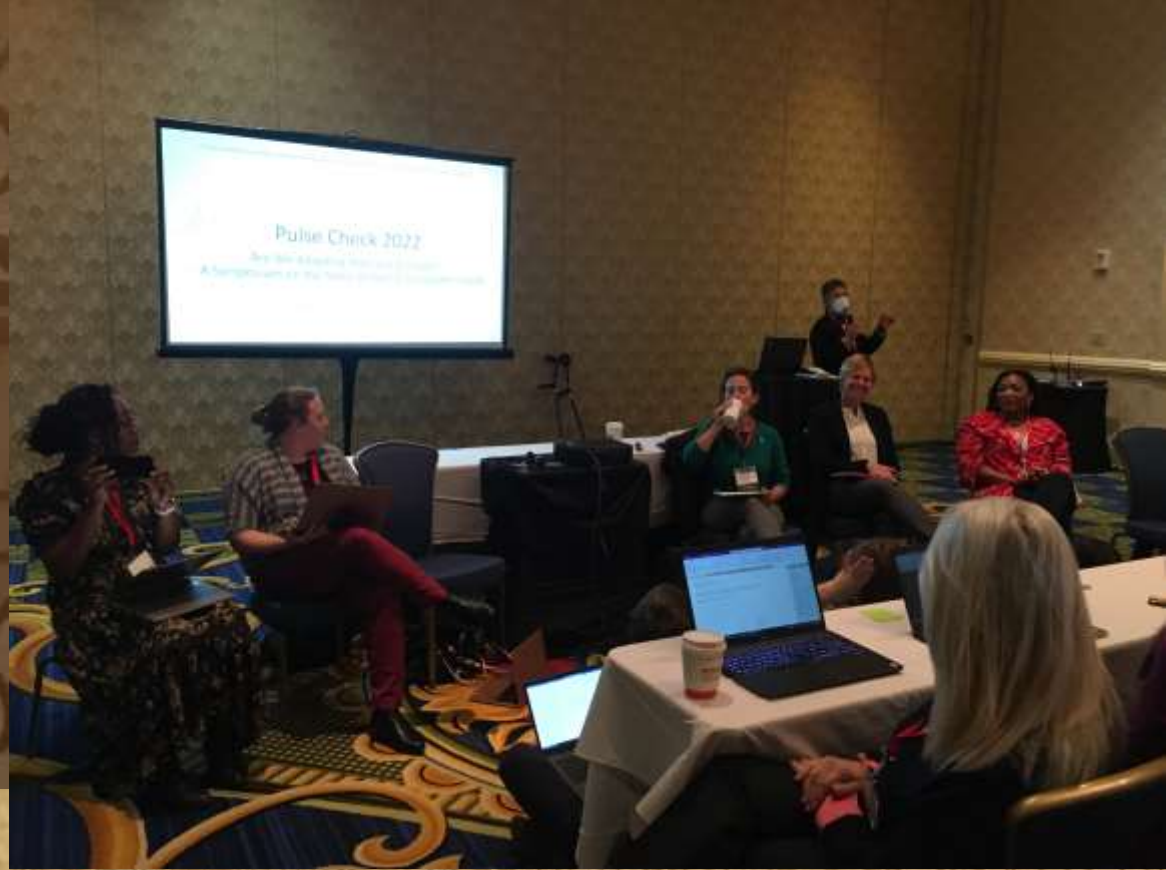


Pulse Check 2022

Are We Adapting Well and Enough?

- A Symposium on the State of the US Adaptation Field

Organizers: Joyce Coffee, Climate Resilience Consulting
Susi Moser, Susanne Moser Research &
Consulting



The State of the US Adaptation Field



See: <https://kresge.org/content/rising-challenge-together>

Why Bother Building a Field?

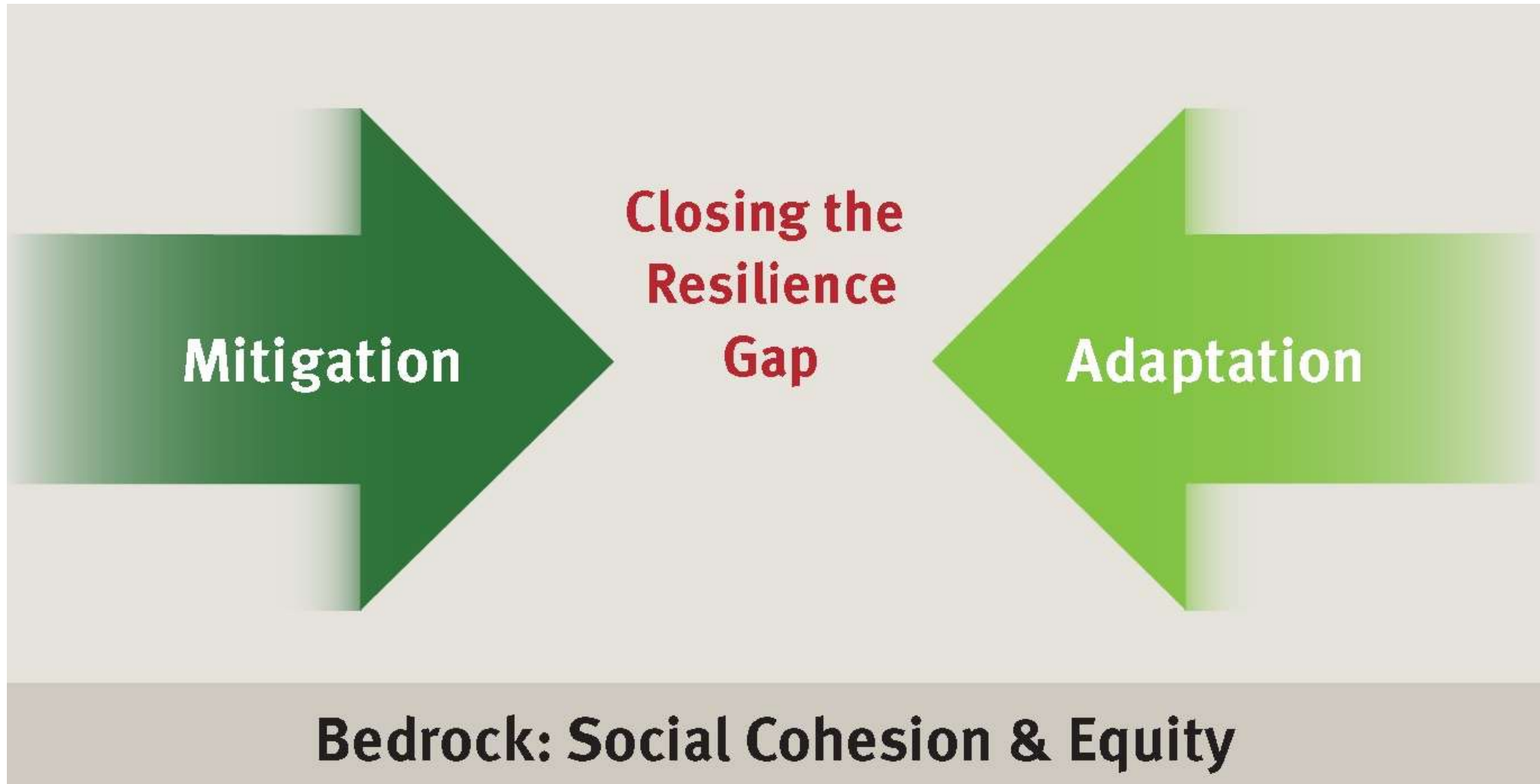
Benefits of a strong “field”

- Necessary expertise & skilled workforce
- Clarity on good/best practices and tools, established as “common” practice
- Advancing shared goals and values
- Professionals networks
- Adequate training
- Political and public support
- Problems solved effectively, efficiently, and in an integrated manner
- Reduced societal burdens and maximized opportunities

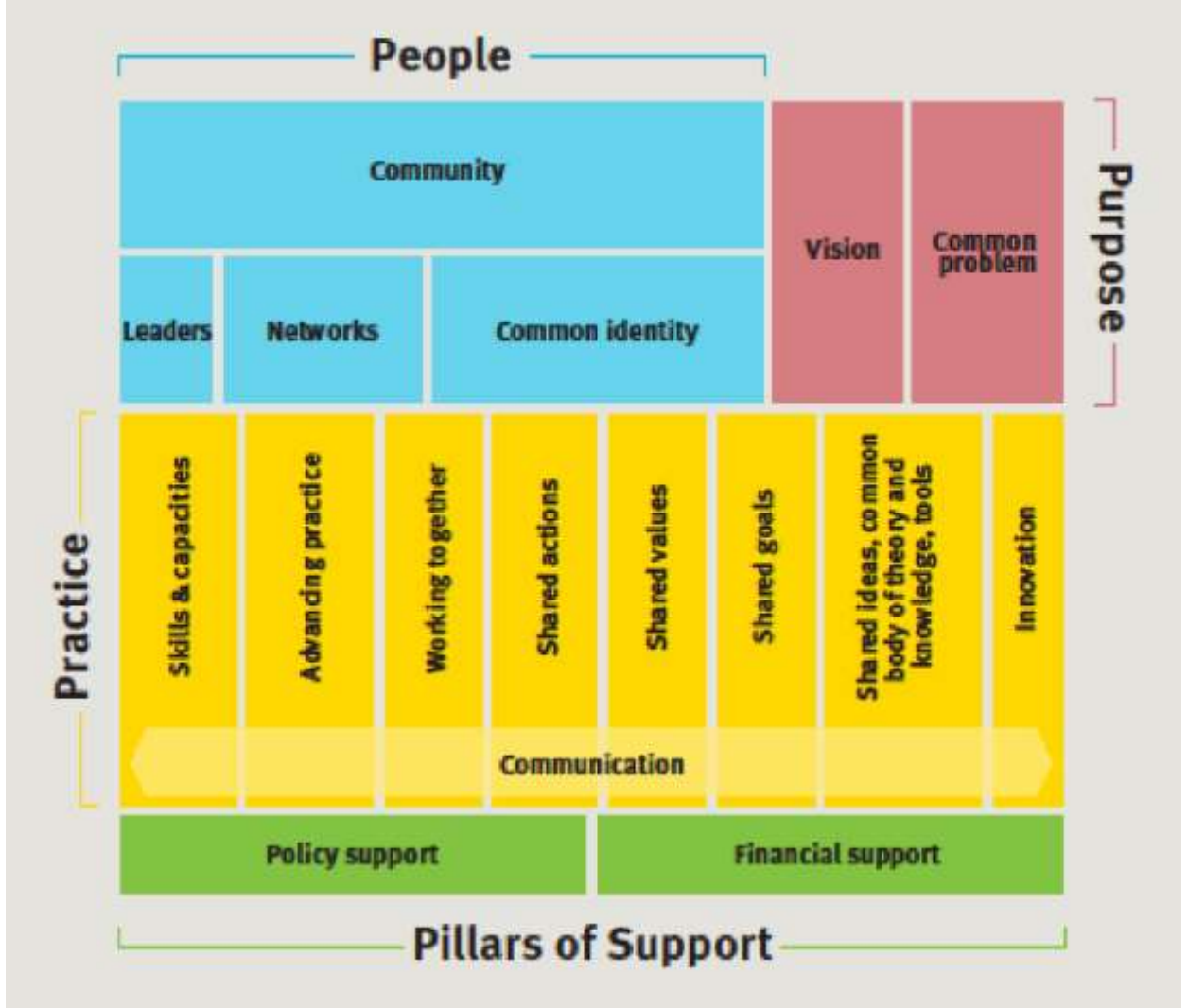


Photo: Sylvia Bal Somerville

Vision of a Strong Adaptation Field



The 4-P Field Framework



Source: Moser et al.

What Do We Mean by The 4 Ps?



- **Purpose** – common problem understanding, unifying vision of a better future; shared values; agreed-upon priorities; shared sense of urgency
- **People** – adequate (growth in) numbers; requisite diversity of expertise; good networking; inclusivity; sectors, regions represented; recognizable leadership
- **Practices** – evidence-based “best practices”; prevailing focus of activity; progress matching scope of challenge; adequate communication; skill level among practitioners
- **Pillars of support** – diversity and adequacy of funding/finance; continuity, coordination of funding streams; policy support at all levels; signals from highly visible leaders to take issue seriously; field-building support

Purpose of Today's Symposium: Engage Panelists and Audience in Tracking Progress of Field Development Over Time



This rose diagram offers a way to visualize progress toward adaptation, organized by the four components of a field.

(c) The Kresge Foundation, Figure from Moser et al. 2017

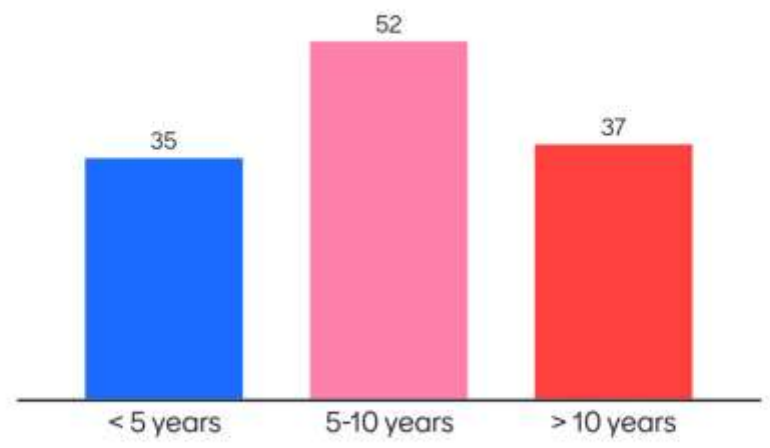
What Do YOU Think?



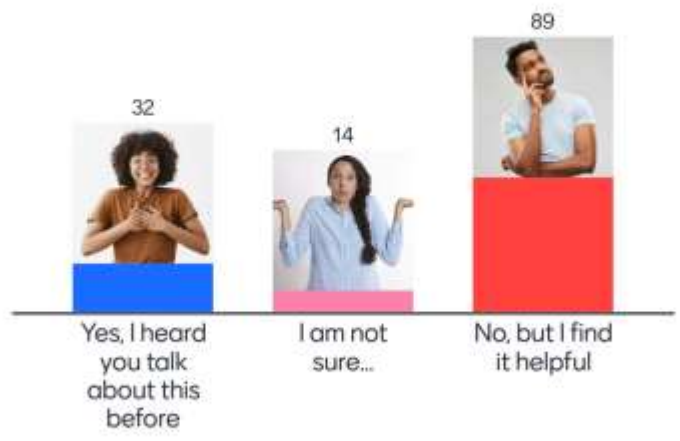
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How many years have you worked on adaptation and resilience?



Have you ever heard of the "4Ps" of field-building?

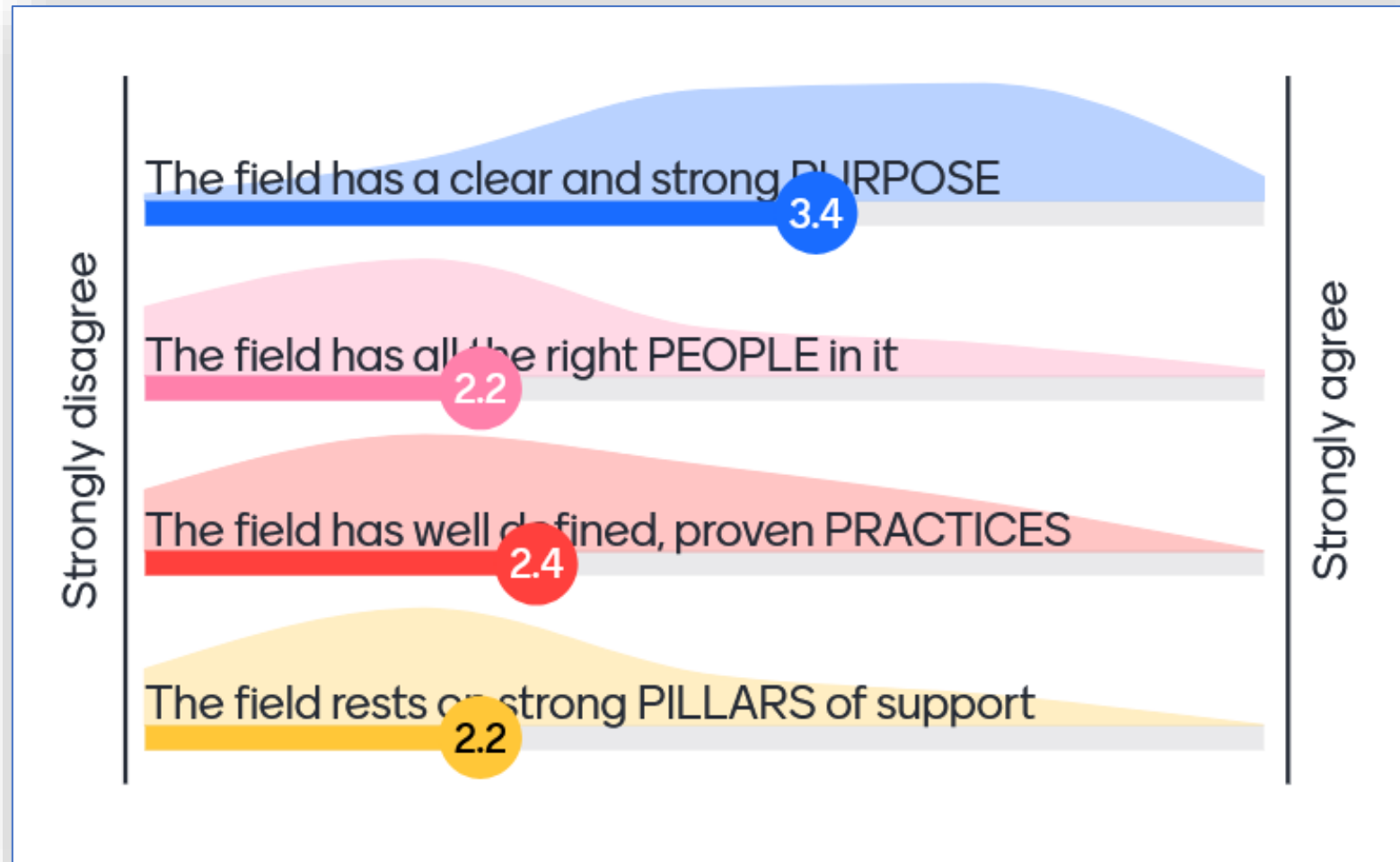


The Current State of the US Adaptation Field



For Comparison: Audience Assessment in 2019

The Perceived State of the US Adaptation Field...

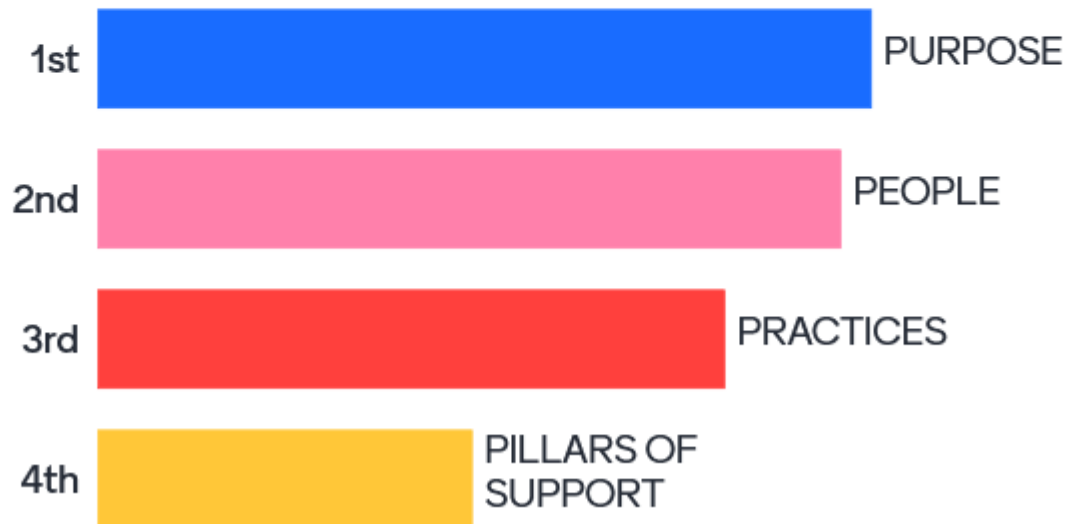


Over the past 3 years, where have you seen more or less growth in the US adaptation field? (rank: 1 = strongest growth; 4 = weakest growth/decline)



For Comparison: Audience Assessment in 2019

Over the past 3 years, where have you seen more or less growth in the adaptation field? (rank: 1 = strongest growth; 4 = weakest growth/decline)



What is one great adaptation practice or tool that you are aware of?



Hoosier Resilience Index

Regional collaborative governance

AccelAdapt

Collaboration

Co-production

Risk taking

Community-centered design

Knowledge and value sharing

community building

Community

USCRT

Decision making under deep uncertainty

Regional collaboratives

Nature-based solutions

Listening

Science-based decision making

Exercises

Collaboration

CMRA

ISO 14091 adaptation standard

Engagement

Participatory budgeting

Liberating structures

Land acquisition

Mindfulness

Partnerships

Living shorelines

Listening

Adaptation Networks

CalEnviroScreen

Listening

Mentoring

green infrastructure

Natural infrastructure

Menu of adaptation strategies

Co-production

Co-production

Vulnerability indicators

Neighborhood advisory groups

Use climate data

Community engagement

Community engaged methods

Tribal adaptation menu

nature-based solutions

Co-creation

Co-design

US Climate Resilience Toolkit

Technical assistance

Community Building

Tribal climate adaptation guidebook

Nature based solutions

building codes

Climate Ready America

Asset-based community development

community-led decision making

partnership

strong community participation

Robust decision making

Managed retreat

Resilience hubs

Community engagement

Adapting to rising tides

Steps to Resilience methodology

What is one great adaptation practice or tool that you are aware of?

Collaboration	Accountability	Empathy	Nature based solutions	Listening
Regional flood maps	Efficient contracting processes	Community relations, listening.	Social vulnerability index	Ecological restoration
Cake X	integration into existing policies	Authentic community engagement	Adaptive management	Greening gray infrastructure
Co-creation	Nature based solutions	Ejscreen	Coproduction to address issues	maps
Cross-sector Collabs	green infrastructure	Co-produced science	Nature-based solutions	Georgetown Climate Center Adaptation Tools for Planning
Networks	Awareness	Shoreline Explorer	Participatory planning	Planning
FHWA cmip tool	US CRT	Technical assistance	nature based solutions	Adaptation pathways
systems mapping	Community co-design	Community engagement	cooling centers	Steps to Resilience
Learning Spaces	Visioning	Community engagement	Natural and Nature Based Infra	Ongoing dialogue
Planning	Adaptive planning	Computing	Community-led	Downscaling CC projections
Principles of Adaptation	partnership projects	peer to peer training	Climate-smart parks	Fusion
Scenario planning	Less tools more implementation	Engagement	Mainstreaming adaptation practices into existing local/state plans with existing legal or funding authority	Adaptation Pathways

What is one great adaptation practice or tool that you are aware of?



interagency collaboration	steps to resilience	Relationship Building	Nature based solutions	Data visualization	Scenario building
permitting reform	Cal adapt	Co-leading resilient groups	Youth training and engagement	Scenario Planning/gaming narratives	Hi
Climate data / downscaling / predictions	Headwaters Economics Tools	GIS	Progress	Funding	Networks
Systems planning and design	Fellowships for young professionals	CalEnviroScreen	Power shift	SWs rapid assessment	Negative solar forcing
Learning from doing	Equity Indicators Frameworks	Resist accept direct (RAD) framework	Shared decision making	networks	RRR scale
Resilience principles	Story telling	Friends	Elevating indigenous wisdom	intentionality	Shifting consciousness
Adaptation indicators	scenario planning	Machine learning	Transformational change	RRT scale	Funding
Georgetown climate adaptation clearinghouse	Stakeholder engagement	LAND USE MANAGEMENT	RAD framework	collaboration	Inclusivity
Neighborhoods at Risk	Usace guidance	LAND PROTECTION	Adaptation Workbook	Diversity	Awareness the right people involvement
Passion and momentum	Portfolio protect risk assessment	Climate data applied to "non-adaptation" projects	last mile data delivery		Green infrastructure toolkit
Socio-technical interface	Building code	Social vulnerability index	Funding and and changing the public mindset		Resilience hubs
Transmedia storytelling	Frontline worker engagement	Cool surfaces	Youth		Resilience.climate.gov
			Capabilities		Community leader empowerment
					Capacity

What are some of the most critical needs to advance the adaptation field?



If you had to capture it in one sentence, what do you think is what the adaptation field is working towards?



Resilience	Resilience	A better future for everyone.	equity	Stem loss of life	A better, more equitable future for all.
Safety for all	Wholeness	survival	Abundant and thriving communities	New social systems and structures	I don't know
Safer communities	Change	Climate reparations	Justice	Scaling up	Resilience with tangible outcomes
Sustainability	A future where whole communities thrive	Ending capitalism	An equitable, inclusive, and purpose-driven future of adaptive communities.	Strengthening communities	Systems change!!
Diffusion	Beats me	Transformation	Social cohesion	A more resilient and equitable society based on a healthy earth and ocean	Transformational change that centers equity and inclusion.
Just resilience	Community-level resilience	Sustainable future	A stronger more just country	Meeting the next century's most significant challenge	We're still figuring that out
The best possible new normal	Safe, equitable, sustainable communities	Justice	Resilience	Being in right relationship with change. (A la Emergent strategy)	A change in mindset.
Less damage/impact to communities after disasters	Transformation	Environmental and social equity and justice.	A new baseline that takes into consideration equity, and transformation	Certain levels of change	Creating empowered community
We are working towards a state of security and resilience.	Life	Transformational change towards a safer and more connected world.	A more equitable future that reduces risks from climate change	Long term survival if the planet and our species.	Safer, equitable future
Less harm	Better quality of life for everyone	Institutional robustness	Climate smart growth	Reduced physical damages, without thinking about the rest of the picture.	Equitable resilient communities
Equitable restorative economy	Getting comfortable with change	To eliminate the need for an adaptation field.	A more livable and just world for all	Holistic community led adaptation	A future where humans and ecosystems survive and thrive
A future	Transformation	Equitable future for all	A livable future for the global community	Dignity before, during, and after shocks.	All of the above
One health in all decisions	Equity	a healthy future	Equitable adaptation is the norm for city plans, goals, and implementation.	Survival	equitable resilience
Adapting to a changing world	Social transformation to create climate adaptation	equitable resilient communities	changing to environment efficiently	Undoing of our extractive society.	Cross sector collaboration
Meaning	Quality of life	Creating resilient safe communities	Shared and stable prosperity	Resources flowing to local collaborative efforts focused on equitable risk management.	Fulfillment

If you had to capture it in one sentence, what do you think is what the adaptation field is working towards?

Revolution	A future when everyone can thrive	The adaptation field should be working towards a framework and a practice of anti-oppression where white settler colonialism & capitalism is actively dismantled.	Doing better	Human health and well being	Babies
Risk reduction	Working towards centering communities in their lived experience and letting them lead the implementation of adaptation solutions, providing support, and getting out of the way.	Living in reality	Mourning	Rebuilding the collapsing world in our image	Eliminate myth of abais
Clbing our guns in the basement	Data collection	wife working towards GLOBALLY unjust adaptation.	Better future	Truly sustainable ways of living in human society	A world for future generations.
A resilient, adaptive, and equitable future for our most vulnerable communities, an endless and worthwhile task...	Life in earth	Co-benefits for people and nature	Revolution	RESILIENCE	Giving future generations options
I hope to a more equitable future	Even more beautiful & resilient communities than we have today!	A resilient and inclusive future as stewards of our environment	Co-benefits	Human existence	Kindness
Inclusiveness	supporting and improving lives	Better future for people and all living creatures.	We all do better when we all do better	Ending capitalism	The extinction of homo economicus
Risk reduction	Transforming our lands and waters to better support an ecological and just world	Saving both nature and humankind	Inclusivity	Disruption	Including conservative communities
Restorative equity	Adaptive and resilient communities with focus on needs of those individuals most impacted by climate change.	Reduce fear about the unknown and lack of certainty and dive in with all we've got together	Legal framework revolution	Funding	Massive funding for Youth-led projects
A just, anti-capitalist, decolonized society	Equitable co-existence with people and nature	Lasting community health and safety.	Consistent Outreach	Diversification	Centering Indigenous knowledge
Ongoing adaptability	Democracy	A new way of collectively being in the world	climate havens	Managed retreat	reparations
Climate resilience with equity	Away from capitalism	Survival	Building a strong community	Reparation	Economic solutions - shift money and power
Resilience and better quality of life for human and wildlife communities for generations to come.	Usable future for people and wildlife	Adaptation is part of every project, initiative or program.	Implementation (not so radical but not being done broadly enough)	Dismantling capitalism	Allowing, even fostering, the collapse of structures and systems that are better left behind.
				Just transition, Climate related workforce opportunities for low income and BIPOC	

Rising to the Challenge,

Together

**Thank you for all you
do!**

