ARISE-US:
2023 Year End Report
2024 Forward Look

December 2023

US Web site: http://www.arise-us.org/
Global web site:
https://www.ariseglobalnetwork.org/

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Introduction - ARISE-US Annual Report for 2023

- ARISE-US is the US Network of ARISE, established by the UN DRR to build public private collaboration globally in disaster risk reduction (DRR).

- These slides summarize ARISE-US' activities in 2023 and provide a forward look for 2024.

- They detail our many successes in 2023, and also, in a spirit of honesty, some "less-than-successes", at least so far – they may yet become successes in 2024.

    - We operate a portfolio approach, launching multiple initiatives expecting that many will succeed, some will run slower than intended but succeed eventually, and some will fail. Provided that the portfolio as a whole is moving forward, that is acceptable.

- Not shown here, because there are just too many to list, are the introductions and collaborations we have fostered between ARISE-US members, and between our organization and other organizations in the public and private sectors, in areas as diverse as flood management, wildfire risk reduction, carbon accounting protocols, resilience standards and Reverse Trade Missions. We regard these convergences as a critical benefit of the ARISE-US network.

2023 Highlights – Another Great Year!

- *Hosted* three successful symposia (Equity Finance, Sustainability & Resilience and Digital Technology)
- *Attracted* 34% membership growth year-on-year (see later slide)
  - *Formed* 4 new partnerships
- *Created* Equity Working Group and equity statement, and *sponsored* Bill Anderson Fund's 5K Disaster Dash
- *Graduated* first cohort of DRR mentees
- *Launched* or *continued* multiple initiatives (see later slides)
- *Supported* US DOT Reverse Trade Mission
- *Initiated* numerous member-to-member collaborations within our network
- *Held* Board elections
- Camila Tapias of SpinGlobal and ARISE-US *elected* to ARISE global Board.
- *Prepared* for fund-raising and legal entity formation in 2024
- *Launched* our [Linked-In page](#), now with >100 followers.
- *Continued* to develop our [ARISE-US website](#)

ARISE-US Board

(Note – we have one open Board seat)

Joyce Coffee, President, Climate Resilience Consulting LLC

Co-Chair

Todd Fein, CEO, Green Diamond LLC

Government

Brian Gerber, Associate Professor; Co-Director, Center for Emergency Management and Homeland Security, ASU

Universities

Patrick Hardy, President, Hytropy Inc

SMEs

Cynthia Hartley, Associate Vice-President, International Risk Reduction and Urban Resilience, AECOM Inc

ETTAC Lead, At Large

Shefali Lakhina, Co-founder, Wonder Labs LLC

Equity Co-Lead, Mentorship Lead

Camila Tapias, Global DRR Specialist, SPINGlobal Inc ARISE Global Board member

Equity Co-Lead, Communications

Peter Williams, Founder and Principal, PWS LLC; IBM Distinguished Engineer Retd

Chair

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ARISE-US 2023 Initiatives

- City Scorecard Action Guide and Standards Compendium (companion project)
- Small-Medium Enterprise (SME) Scorecard and Hub
- Equity Working Group
- Mentoring Program
- Community Wildfire Risk Reduction Toolkit
- Critical Asset Management System (CAMS)
- Finance Equity
- Tech4DRR
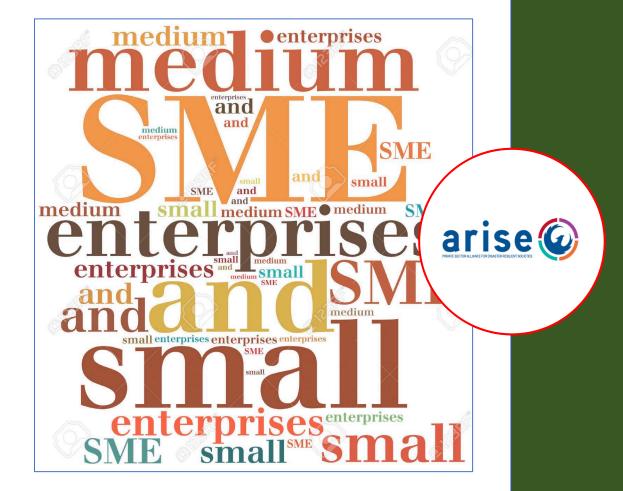- Sustainability and Resilience
- Apex-Net
- Network Growth

City Scorecard Action Guide and Standards Compendium

Purpose	To help City scorecard users decide how to move forward, having assessed their current disaster resilience position using the Scorecard, filling a gap reported by Scorecard users.
Progress	• Prioritization methodology chapter published by MCR 2030 and one global webinar completed. • Financing chapter draft delivered to MCR 2030; • Community engagement chapter delivered to MCR 2030 • Summary of fact-finding survey delivered to MCR 2030 • Standards Compendium extended and updated.
For 2024	• Complete publication process and re-factor into more interactive formats. • Create standards database with guidance on standards selection. • As funding permits, establish fact-finding survey as a separate semi-annual exercise.
Collab-orators	AdaptationLedger LLC, Arizona State University, ASTM International, Atkins PLC, Baylor University, Chibby Alloway, CrowdDoing, Debbra A.K. Johnson LLC, Green Diamond LLC, Jacobs Inc, MCR 2030, PWS LLC, SLR Consulting Inc, Wonder Labs LLC.

Small Medium Enterprise Scorecard and Hub

Purpose	The SME Scorecard allows cities to assess how effectively they have engaged small and medium enterprises in DRR efforts. SMEs are critical to the economic vitality of a city and are vulnerable to going out of business after a disaster.
Progress	• Scorecard used in 30 US cities and 90 outside the US • Translated into 6 languages • Design work on worldwide SME Hub
For 2024	• Partnering with at least one major grant giving organization and one major aid organization to deliver and roll out SME hub. • Continue to expand usage of the SME Scorecard and tools.
Collab-orators	Hytropy Inc. Others to be announced.

ARISE-US Equity Working Group

Purpose	Guided by the Sendai Framework for Disaster Risk Reduction (2015-2030), the ARISE-US network created an Equity Working Group to explore how the private sector can work to reduce systemic barriers to disaster resilience and increase opportunities for a sustainable, equitable, and resilient future for all.
Progress	• *Created* an ARISE-US Equity Statement to emphasize the equity principles and practices to be adopted by the network • *Sponsored* the Bill Anderson Fund's 5K Disaster Dash, generated interest and attracted new members at the 47th Natural Hazards Annual Workshop in Broomfield, Colorado • *Launched* the ARISE-US Mentorship Program and graduated a first cohort of DRR mentees
For 2024	• Develop an Equity in Practice Toolkit for private sector engagement. • Look for funding to develop and publish the toolkit.
Collab-orators	Wonder Labs LLC, Climate Resilience Consulting, SPIN Global, PanelTech US

ARISE US Social Equity Fundamentals

2023 OFFICIAL BAF DISASTER DASH SPONSORS

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ARISE-US Mentorship Program

Purpose	To provide training and leadership opportunities to students, early career, transitioning, and emerging disaster resilience professionals. Mentees are advised by private sector mentors on capstone projects and gain hands-on experience by contributing to ongoing ARISE-US initiatives.
Progress	• Successfully graduated a first cohort of five mentees from a 15-week pilot program in Fall 2023. • Mentees presented their capstone projects to the network, were invited to submit blogs on key outcomes of engagement, guided to apply to international fellowship (CDRI), and explore future opportunities with the ARISE-US network.
For 2024	• Continue to offer program and expand reach through the Bill Anderson Fund, among others. • Look for funding to hire a part-time coordinator.
Collab-orators	Wonder Labs LLC, Arizona State University, PaneltechUS, Climate Resilience Consulting, SPIN Global, Bill Anderson Fund, CU Boulder.

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ARISE-US MENTORSHIP PROGRAM

Growing disaster risk reduction capacities for equitable outcomes

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Meet the Cohort

Mentors	Mentees	Capstone project	ARISE project
Stan Bronson	Bridget Bruneau	No	Disaster Risk Reduction Museum Exhibit
Peter Williams	Todd Gauvin	Public broadcast/TV emergency messaging system	Community Wildfire Resilience Scorecard
Alec Rodriguez	Kaleigh Yost	Functional recovery framework	City Resilience Action Guide
Teri Billon	Sarah Jones	No	Mentorship Program
Debbra Johnson	Alayna DeFazio	Emergency management plan	APEX-net project

Community Wildfire Risk Reduction Toolkit

Purpose	To pull together multiple sources of data and advice to create a single point of access for communities seeking to understand, mitigate and manage their wildfire risk at the individual property, neighborhood and landscape scales.
Progress	• Wildfire-specific version of the City Scorecard completed. • Summary version nearing completion. • Structure and website created for Toolkit as a whole. • (Several Action Guide chapters will also be readily adapted to form part of the toolkit).
For 2024	• Launch website • Adapt Action Guide material for wildfire specificity. • Continue to build out Toolkit • Test with communities.
Collab-orators	Atkins PLC, Black Swan LLC, Boise State University, Cadmus Group Inc, CALFIRE, Climformatics LLC, Crowddoing, GIC, FM Global Inc, Guidewire Inc, Innsure, Los Angeles Emergency Prevention Foundation, PWS LLC, Rebecca Innes Consulting Ltd, Spinglobal LLC, UC Santa Barbara, Wildfire Mitigation Strategies LLC, Willis Towers Watson Inc, Wonder Labs LLC.

Critical Asset Management System (CAMS)

Purpose	CAMS is a secure, free, open-source software tool will enable cities (and countries) to inventory their critical assets and map the relationships between them – so helping to manage the risk of cascading failures. It is available as a cloud or stand-alone version.
Progress	• Progress delayed by our major collaborator going out of business.
For 2024	• Explore with Coalition for Disaster Resilient Infrastructure (CDRI) scope to incorporate CAMS into its DRI Connect Platform for CDRI member countries. • Create delivery method for non CDRI member countries. • Integrate CAMS with Wildfire Toolkit (see earlier).
Collaborators	BGC Engineering Inc, Cadmus Group Inc, CDRI, CREAD Dominica, DAIC, Datasequia LLC, Debbra AK Johnson LLC, Green Diamond LLC, Lesley Greig, PWS LLC, Tony Carrato, Verses.io.

Finance Equity

Purpose	In the US, as is true in many places in the world, disaster readiness and recovery reflect and exacerbate inequality. Poverty is both a driver and a consequence of disasters, and the processes that further disaster risk-related poverty are permeated with inequality. ARISE US aims to contribute to a better understanding of the role of the finance sector in reducing poverty through disaster resilience finance in order to build resilience for all rather than avoid risk for some.
Progress	• Established partnership with global adaptation finance community. Engaged ARISE leaders from headquarters, Philippines, as well as from EU and Caribbean. Held panel to deduce issues. • Created blog. https://garigroup.com/gari-convenings/f/speaker-series-financing-for-equitable-disaster-resilience
For 2024	• Continue to integrate equity as a bedrock of ARISE-US efforts
Collab-orators	Global Adaptation and Resilience Investment work group, Climate Resilience Consulting

Tech4DRR

Purpose	To research and set out guidance for maximizing the strengths of digital technology in enabling extraordinary new DRR capabilities, while minimizing potential weaknesses from poor design, accumulating risk, fragility, inequity of access, and imposition of solutions.
Progress	• ARISE-US Digital Technology and DRR symposium successfully held - initiated Tech4DRR program. • Partnered with UN DRR Regional Science and Technology Advisory Group. • Tech4DRR launch event at Belmont University (US) and in Bogota Colombia.
For 2024	• Complete survey of digital technology and DRR. • Complete interview program. • Draft initial report and publish. • Refactor into further distribution media.
Collab-orators	3-Sided Cube, Arizona State University, Belmont University, Dancing Waters, Debbra A.K. Johnson LLC, Faura, Jacobs Engineering, NASA, UN DRR/R-STAG, PanelTech, PWS LLC, SpinGlobal, Texas A&M, The Undivided Project, Tuskegee University, Wonderlabs

Sustainability and Resilience

Purpose	To fill gaps at the policy level in addressing the complex relationship between sustainability and resilience, and to fashion guidance for companies on how to navigate this area.
Progress	• Initial symposium on Sustainability and Resilience • Creation of survey of companies on the current state of the art.
For 2024	• Consider pointers from COP28. • Execute survey and ingest findings from this. • Create policy proposals. • Create draft company guidance and issue.
Collab-orators	Adaptation Leader LLC, Atkins, Hamilton Advisors, Debbra AK Johnson LLC, Fugro, Global Urban Development, Green Diamond, Jacobs Engineering, Joseph Fiksel, Jason Schmerer, Resilience Analytics, PanelTech, PWS LLC, The Undivided Project,

APEX-NET

Purpose	To develop a guidebook for the development of a multinational information-sharing capability across the military, public, private, and academic sectors, including for disaster risk reduction and emergency response.
Progress	ARISE-US has provided: • Inputs at the public, private, and academic levels for the first phases of the project including a capabilities assessment; • Initial user stories leading to user definitions and requirements.
For 2024	• This is year two of the project. Inputs for the final phases include Policy Considerations, Proof of Concept, User Stories, Content Development, and an internal Peer Review. • Final deliverables are due December 2024.
Collab-orators	Arizona State University, Debbra A.K. Johnson, LLC, Green Diamond Solutions, Everbridge, Hamilton Advisors, Jacobs Engineering, New York Academy of Science, PanelTech, Peter Williams Solutions, LLC, Spin Global, UC San Diego.

Network Growth

- We are on track to close 2023 with 67 member organizations, up from 53 at the close 2022, with 4 more in the pipeline.

  - In total, this represents year-on-year growth of 34%.

- In addition to partnerships already in place, we have started partnering with:

  - The Universities of California Disaster Resilience Network (UC DRN);

  - Boise State University;

  - Coalition for Disaster Resilient Infrastructure (CDRI);

  - Environmental Technologies Trade Advisory Committee (ETTAC).

- In 2023, we welcomed as members:
  - 3 Sided Cube Inc
  - Belmont University
  - Christopher J Anthony Consulting LLC
  - Everbridge Inc
  - Faura Inc
  - Integral Consulting LLC
  - JW Mogge Consulting, LLC
  - LEED With Joy LLC
  - Patriot Energy Systems
  - Re+Collective Inc
  - The Cadmus Group LLC
  - The Undivide Project
  - Zimcode
- ***Welcome!*** We look forward to working with you!

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Looking Ahead - 2024

Continuations in 2024

- Wildfire toolkit program
- Mentorship program
- Action Guide program
  - Also standards compendium.
- SMEs program – SME Hub project
- Tech4DRR
- Sustainability and Resilience
- APEX-Net
- CAMS
- ARISE-US internal collaboration platform - development
- ARISE-US website
- Network growth

New Developments for 2024

- Fundraising and legal entity formation
- Global survey of readiness and governance
- Coastal resilience scorecard (with Waterfront Alliance)
- Geodesign program
- Equity toolkit
- ETTAC collaboration
- Resilient design collaboration

2024 – Funding and Legal Entity

- In 2024 we plan to enter into a fiscal sponsorship arrangement with a professional NGO management organization. This will give us the same tax advantages to offer donors as a 501(c)(3) non profit.

- We have commenced seeking funding in 2024 for:
  - Further mentorships and an Equity toolkit;
  - SME Hub;
  - Further developments to the Wildfire toolkit;
  - Biennial global survey of DRR governance and readiness;
  - A professional administration for ARISE-US.

- We will approach grant giving organizations (foundations, NGOs, corporations) in the first instance.

- We may also initiate crowdfunding and in-kind donation schemes. (We are not allowed under the terms of our charter from the UN, to charge for membership).

Appendix: More on ARISE

More on ARISE

- UNDRR-led network of private sector entities which currently comprises:
  - ✓ **30** national networks.
  - ✓ Over **400** member companies.
  - ✓ Nearly **850** members in the shared community cloud
  - ✓ Members from private and public sectors.
- Members voluntarily commit to support and implement the Sendai Framework Disaster Risk Reduction 2015 – 2030, aligned with the 2030 Agenda for Sustainable Development and its Sustainable Development Goals (SDGs), Paris Climate Agreement, New Urban Agenda and Agenda for Humanity.

- The Four Priorities of the Sendai Framework:
  1. Understanding disaster risk.
  2. Strengthening disaster risk governance to manage disaster risk.
  3. Investing in disaster risk reduction for resilience.
  4. Enhancing disaster preparedness for effective response and to "Build Back Better" in recovery, rehabilitation and reconstruction.

Our Modus Operandi

- Our modus operandi is "doing well by doing good".

- We create projects, pro bono, that make a meaningful contribution to disaster risk reduction in some way.

  - For example, our [City Disaster Risk Reduction Scorecard](#) has now been used by well over 400 cities globally.

- Our impact helps to expand our network of members, which in turn increases the number of projects we can consider.

- Our members (and anyone else) are then at liberty to create for-profit derivative works from our pro bono activities.

  - In so doing, we help turn the "overhead" of disaster risk reduction into an economically positive activity.

- Membership of ARISE is free. All we ask is that you do something meaningful to justify your association with us! You can sign up [here](#).

ARISE Value Proposition

ARISE Membership Requirements

- ARISE is open to all private sector companies, other stakeholders and private sector networks independent from sector, company size or revenue, with the exception of companies that are:

  - ✓ Subject to a UN sanction.

  - ✓ Listed on the UN Ineligible Vendors List for ethical reasons.

  - ✓ Listed in the Database A/HRC/43/71* of business enterprises involved in the activities

  - ✓ Derive revenue from controversial weapons, including the production, sale and/or transfer of antipersonnel landmines or cluster bombs.

  - ✓ Derive revenue from the production and/or manufacturing of tobacco.

- Follow good governance rules, notably maintaining integrity and independence of each partner, commitment to partnership obligations, transparency, accountability and sound financial management.

- ARISE Networks must adhere to the 10 Principles of the UN Global Compact.

ARISE Application Requirements

ARISE applicants are required to submit 3 documents:

1. A completed Application Form.

2. <u>Valid</u> Proof of Legal Registration.

3. <u>Signed</u> Statement of Commitment.

4. https://www.ariseglobalnetwork.org/join