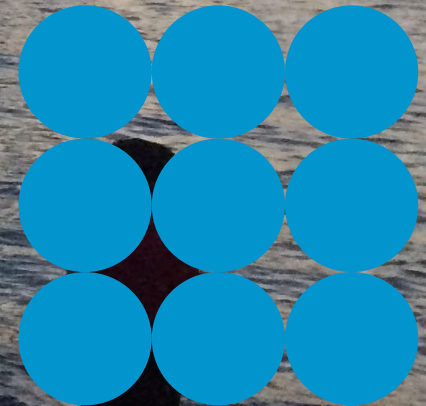


# Build Resilience...

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Pathways to Economic Resilience in Our Communities | Policy Summit 2021, FRB Cleveland



## Panel

Moderator:

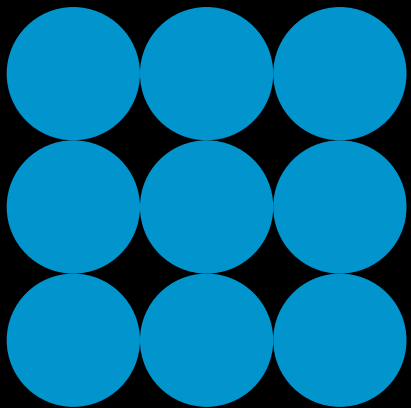
**Stewart Sarkozy-Banoczy**, Director and Senior Advisor, Resilient Cities Network / Precovery Labs

Speakers:

**Grant Ervin**, Chief Resilience Officer, City of Pittsburgh

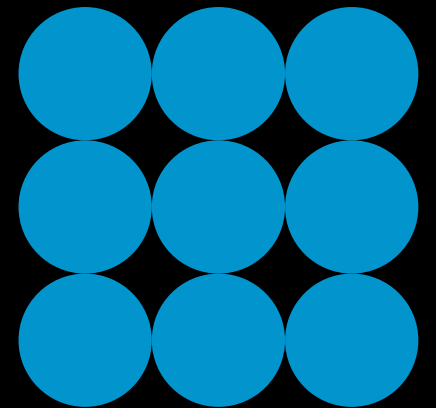
**Majestic Lane**, Chief Equity Officer and Deputy Chief of Staff, City of Pittsburgh

**Corinne LeTourneau**, Founding Principal, Resilient Cities Catalyst



## Questions

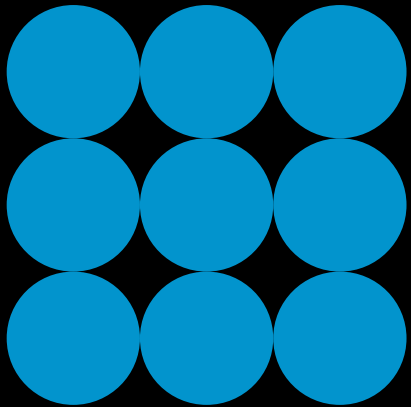
- What activities have we stopped that we should not restart?
- What have we paused that we should start again but differently?
- What are the things we have started that we will keep?

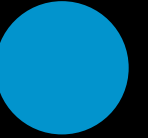




# Resilience

The capacity of individuals, communities, institutions, businesses, and systems to survive, adapt, and (thrive) no matter what kinds of chronic **stresses** and acute **shocks** they experience.





## Resilience

The capacity of individuals, communities, institutions, businesses, and systems to survive, adapt, and (thrive) no matter what kinds of chronic **stresses** and acute **shocks** they experience.

Island resilience is the holistic, multidisciplinary and multi-sectoral approach to a broad spectrum of island challenges and opportunities, focused on a precovery mindset. Locally led, culturally appropriate and globally refined, systemic island resilience against shocks and stresses allows islands of all types better **plan, respond, recover and flourish**.

(GLISPA, IRI)



CHRONIC  
STRESS

Crime and Violence  
Homelessness  
Lack of Affordable Housing  
Good governance  
Aging infrastructure  
Inequities  
Sea Level Rise  
Tidal Flooding  
Poor Air Quality  
High Unemployment  
Food Insecurity



ACUTE  
SHOCKS

Extreme heat  
Infrastructure or Building Failure  
Civil Unrest  
Flooding  
Energy Disruptions  
Fire  
Pandemic  
Extreme Cold  
Hazardous Materials Accident  
Severe Storms  
Terrorism

---

*Resilient systems exhibit certain qualities that enable them to withstand, respond, and adapt more readily to shocks and stresses.*

**REFLECTIVE**



Past experiences inform future decisions and actions.

**INCLUSIVE**



Broad and meaningful engagement – aiming to create a sense of shared ownership among stakeholders.

**INTEGRATED**



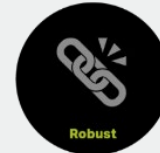
Connections between systems and institutions are harnessed to generate multiple benefits.

**FLEXIBLE**



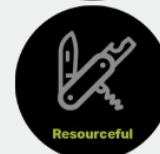
Alternative strategies can easily be adopted to deliver services, depending on the circumstances.

**ROBUST**



Systems are well-conceived, constructed and managed. Any failure is predictable, safe, and proportionate.

**RESOURCEFUL**



Seeking better ways to use existing resources, both in good times and bad.

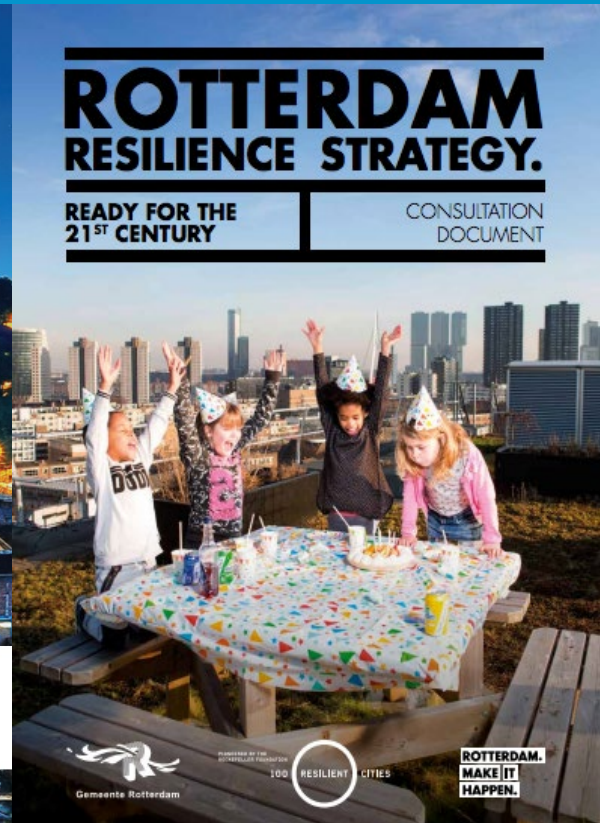
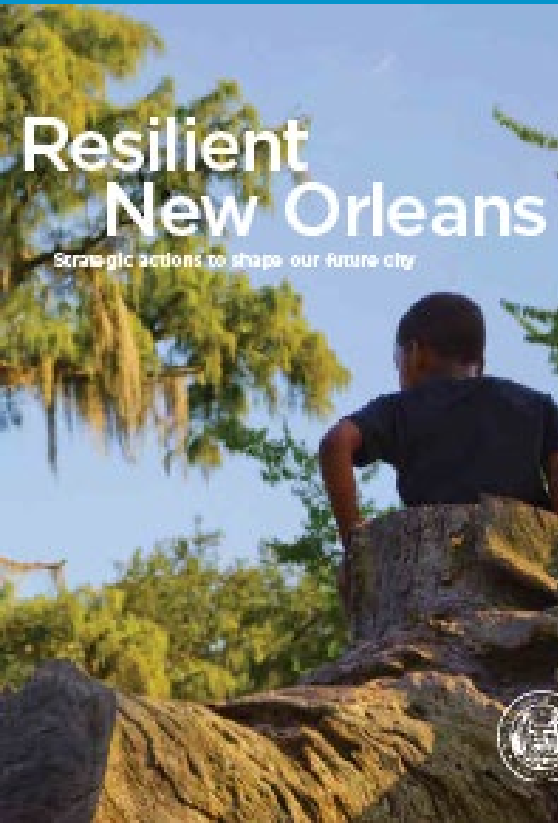
**REDUNDANT**



Spare capacity exists to allow continued functioning even when disrupted.



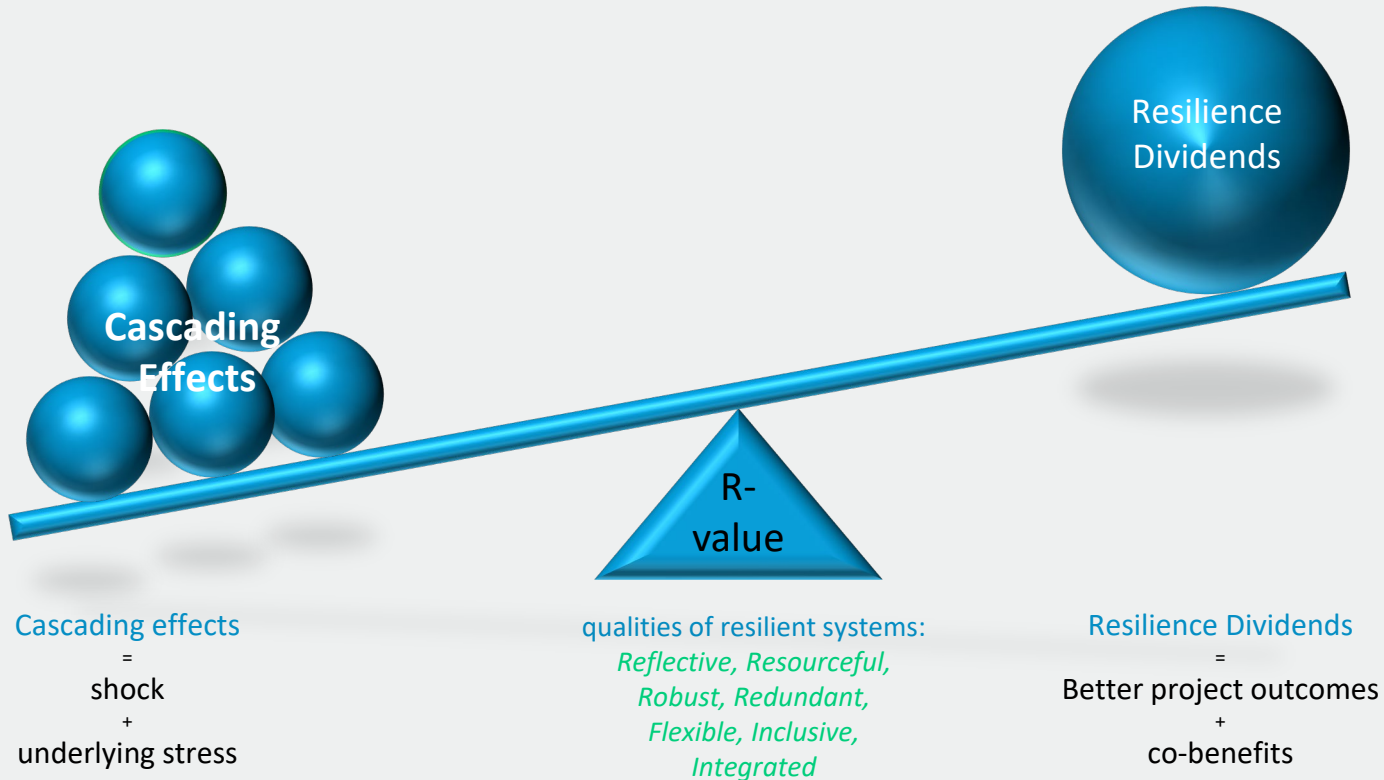
# Resilience Strategies





# Recovery and Fortifying Resilience

Resilience strategies and systemic change guide our holistic recovery actions...



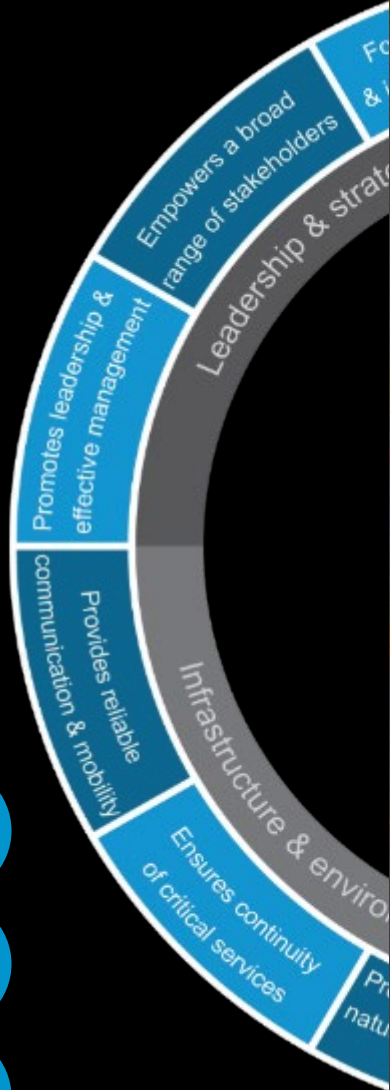
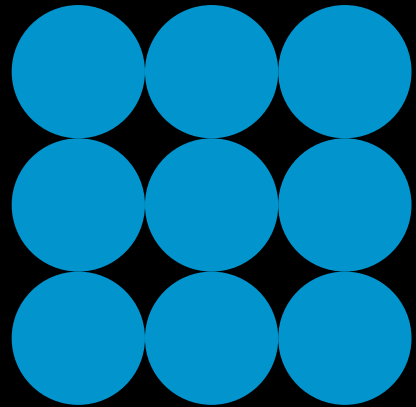
Examine shocks & stresses through the resilience lens.



e.g., pandemic or extreme weather through resilience



Toolkit



# TOOLKIT FOR A RESILIENT RECOVERY

TOOLKIT SUMMARY PAPER • JULY 2020



GLOBAL  
RESILIENT  
CITIES  
NETWORK





# Toolkit

GUIDING QUESTIONS  
(DALBERG, 2020)

- How has the COVID-19 crisis changed your understanding of disparities in the city?
- What mechanisms do you have in place to understand them, especially new insights on root causes? (Data and systems)

- How do existing city (resilience) plans need to change? Which additional initiatives do they need to incorporate for resilient and equitable recovery?
- Which additional stakeholders need to be engaged to make recovery efforts more holistic/lasting?

## ASSESS

## PLAN



### RECOVERY ASSESSMENT

### PORTFOLIO DEFINITION

- Recovery Impact Assessment
- Recovery Resilience Assessment
- Recovery Needs Assessment

- Recovery Action Plan
- Scenario Planning
- Co-lab

TOOLKIT FOR A  
RESILIENT RECOVERY

- How can cities embed equity principles more continuously in recovery to address the root causes of existing disparity? (over time)

- How can cities measure and learn from resilience building efforts?

## OPTIMISE

## LEARN



### PROJECT ENHANCEMENT

### RESILIENCE DEEP DIVES

- Project Scan
- Resilience Opportunity Framing
- Urban Resilience Screen

- Sustainable Economy
- Effective Provision of Critical Services
- Reliable Mobility & Communications
- Equity



# What Else?



## THE RESILIENT COMMUNITY IMPACT FUND (RCIF)

The RCIF is a grant based fund for members of the Resilience Cities Network to invest in pilot projects that can deliver immediate benefits for vulnerable communities and ensure long-term resilience impacts to cities.



**Resilient Cities Network is the world's leading urban resilience network building a safer and more equitable world.**

We bring together global knowledge, practice, partnerships, and funding to empower our member cities. Arm in arm with those cities, we help them build a safer, more equitable, and sustainable future for all their residents.

Resilient Cities Network will raise funds for the RCIF, targeting a **minimum fund size of \$10 million USD**, to be put towards prioritized resilience projects that are small to medium scale and can further leverage funding on the ground from key financing and grant making stakeholders.

**\$10M USD**

**Our mission is to reduce the vulnerability and improve the well-being of over**

**220 million**

**urban dwellers around the world.**

Our network is **city-led, impact-focused, regionally-driven and partnership-based.**

We are a unique membership of 98 cities and Chief Resilience Officers, driving for equitable resilience around the globe.



To make **catalytic grants** to prioritized small and medium scale local resilience projects around the globe that further leverage funding on the ground, jumpstart projects, and increase holistic resilience impact for vulnerable populations. Initial rounds of RCIF will highlight equity and resilient recovery from COVID-19, while aligning to our overall urban resilience goals and thematic pathways.



Public launch and first call for projects - **January 2021.**



Cities are...

# On the frontline

## Houston

New Economy



## Rotterdam

Net Zero



## Chennai

Livelihoods

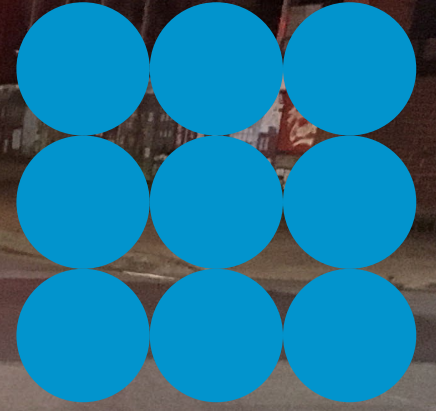


## Quito

Food







For more information:

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[ssarkozy@resilientcitiesnetwork.org](mailto:ssarkozy@resilientcitiesnetwork.org)



An aerial photograph of Pittsburgh, Pennsylvania, showing the city skyline, the Allegheny River, and the PPG Place bridge. The image is dark and moody, with a white circular overlay in the center containing text. The text is arranged in three blocks, each with a name underlined and followed by their title.

**Grant Ervin,**  
Chief Resilience Officer,  
City of Pittsburgh

**Majestic Lane,**  
Chief Equity Officer and  
Deputy Chief of Staff, City  
of Pittsburgh

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