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ANTIOCH UNIVERSITY NEW ENGLAND
Center for Climate Preparedness
and Community Resilience



U.S. Climate
Resilience
Toolkit

Weathering Change: Local Solutions for Strong Communities



Mission: Strengthen communities to prepare, respond and recover in the face of climate impacts and other disruptions through collaborative, innovative solutions. www.communityresilience-center.org



Weathering Change: Local Solutions for Strong Communities



Michael Simpson photo

Join us for a series of online courses focused on the fundamentals of climate change resilience.

- Engage in each course for 4 weeks
- Enroll for graduate credit or audit the course
- Increase your skill set in climate resilience for better outcomes
- Discover solutions to local issues you face on the job or in your community.
- Register for one course or the whole series.

<http://www.communityresilience-center.org/climate-change-resilience-series/>

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Weathering Change: Local Solutions for Strong Communities

Working with Difference: Practices for Cultivating Change

Thursday, September 20, 2019 - 12:00-1:15 PM EDT

Moderator: Ned Gardiner
Engagement Manager
U.S. Climate Resilience Toolkit
NOAA Climate Program Office (contractor)



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Weathering Change: Local Solutions for Strong Communities

Working with Difference: Practices for Cultivating Change

Thursday, September 20, 2019 - 12:00-1:15 PM EDT

Presenters:



Josh Carrera

Program Manager
The Center for Whole Communities

Ginny McGinn

Co-Director, Organizational Development & Programs
The Center for Whole Communities





Weathering Change: Local Solutions for Strong Communities

Webinar Logistics

- If you can hear me, you are already connected to the Broadcast and do not need to call in.
- If you have a question, please write it in the Q&A section (not Chat) and select to All Panelists, so we can see the questions.
- If you are having technical difficulty, please use Chat and send to Host, so we can address the issue with you directly.
- The presentation will be recorded and posted to the Antioch website within a week: www.communityresilience-center.org



CENTER FOR WHOLE
COMMUNITIES

Founded in 2003, we are in our 15th Year!

Center for Whole Communities exists to cultivate transformative leadership that weaves together and strengthens movements for justice and the environment.

Our leadership practices and frameworks build capacity at the individual, organizational, and community level to deepen awareness, embrace differences, and value relationships, making change possible.





At Center for Whole Communities, we believe that vibrant and equitable communities stem from healthy relationships to ourselves, each other, and where we live.





Practices for Effectively Engaging Communities,
Building relationships so that all can thrive.

Bridging Differences Using CWC's Practice-Based

1. Working with Difference

1. Conscious Conversation

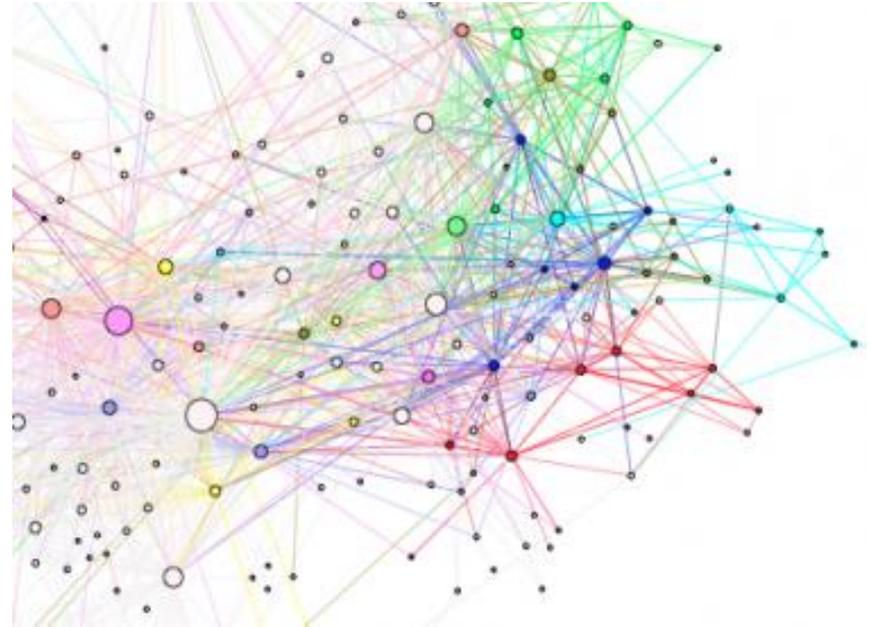
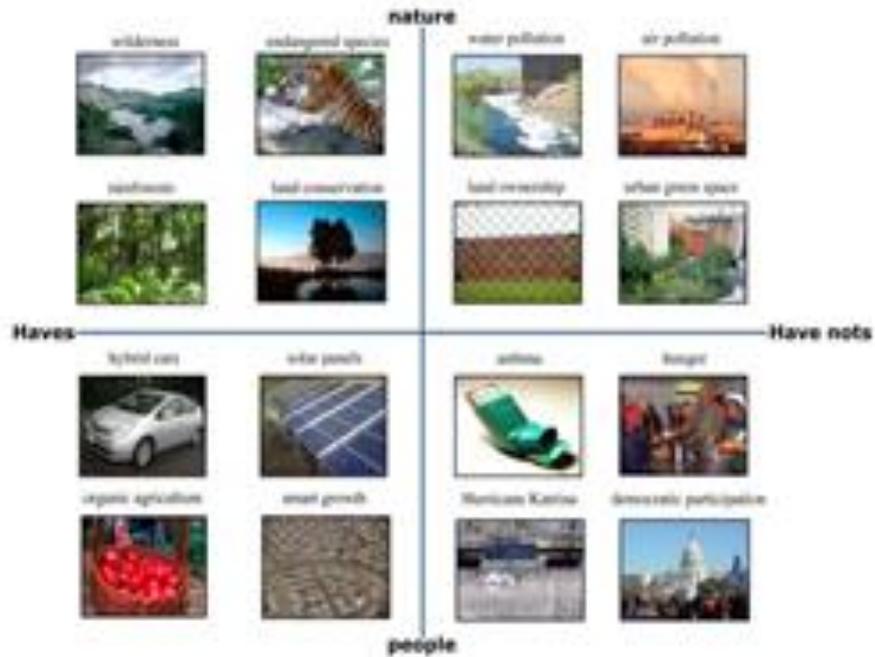
2. Awareness

3. Story

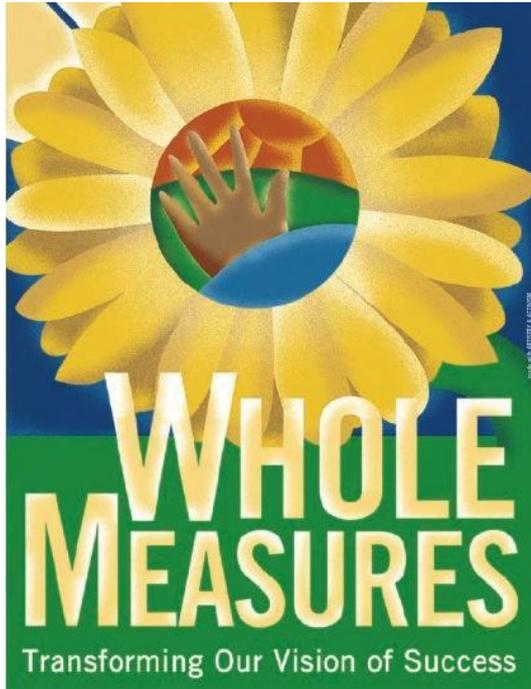


CENTER
FOR **WHOLE**
COMMUNITIES

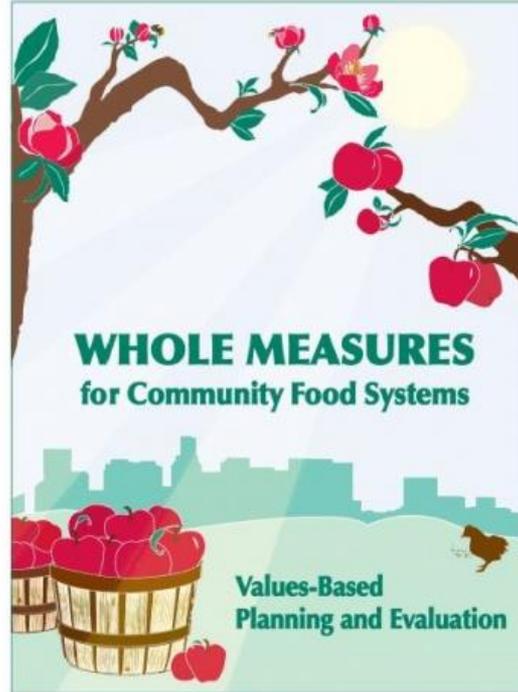
Theory of Change







Community Conservation



Community Food Systems



"There is no power for change greater than a community discovering what it cares about."
—Margaret J. Wheatley

Community, Equity & Urban Conservation

Whole Measures is designed to:

- ★ **Create Alignment:** Help organizations align their program priorities, decision-making, resources, and activities with values and practices that contribute to healthy, whole communities.
- ★ **Engage Dialogue:** Elevate and inform dialogue – both within and across organizations – on the relationship between healthy lands, healthy people, and healthy communities.
- ★ **Support Collaboration:** Create the foundation for more effective, reciprocal, and collaborative relationships, based upon a shared vision of success and common values.
- ★ **Guide Program Planning & Evaluation:** Develop program evaluation systems that allow organizations and communities to measure impacts qualitatively and quantitatively over time.
- ★ **Measure Impact:** Help organizations and change makers answer the question, “In what ways – positive or negative – do we affect the creation of healthy, whole communities? How can we measure those effects?”

Whole Measures A Framework for Engagement

1. Formative Assessment
2. Participatory Planning
3. Process Design & Facilitation

Formative Assessment

- Asking “***What does success look like?***” early and often
- Asking “***What does failure look like?***” early and often
- Building out a ***spectrum of performance*** to reflect that range of failure to success
- Using a ***rubric to ‘contain’ and advance the conversation*** within a community or organization

Participatory Planning

- Forming a *design team, with members from various groups* involved
- Asking “*Whose voice is missing but needed* for this to succeed?”
- *Grounding conversations in values* - what matters most?
- *Creating accessible story-based, qualitative examples* as measures (though #s also tell stories)

Process Design & Facilitation

- Incorporating and ***embodying values and practice*** into design & facilitation
- Incorporating ***transformative practices***
- Developing ***working agreements to create safe(r) spaces*** and address dynamics of power & privilege
- Balancing ***results, process, and relationships*** in a holistic approach to design & facilitation

Pause for Questions

“Whatever affects one directly, affects all indirectly. I can never be what I ought to be until you are what you ought to be. This is the interrelated structure of reality.”

Dr. Martin Luther King

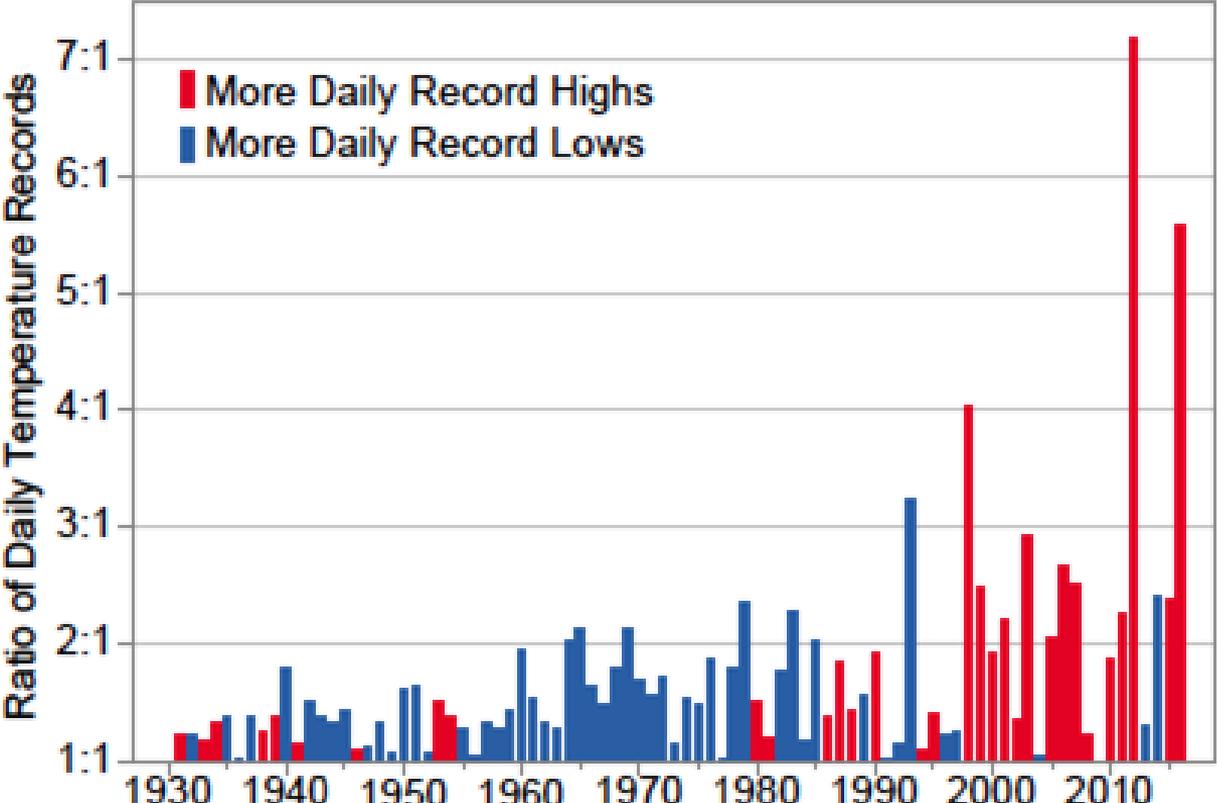
“When one tugs at a single thing in nature, he finds it attached to the rest of the world.”

John Muir

“Relationships are all there is. Everything in the universe only exists because it is in relationship to everything else. Nothing exists in isolation. We have to stop pretending we are individuals that can go it alone.”

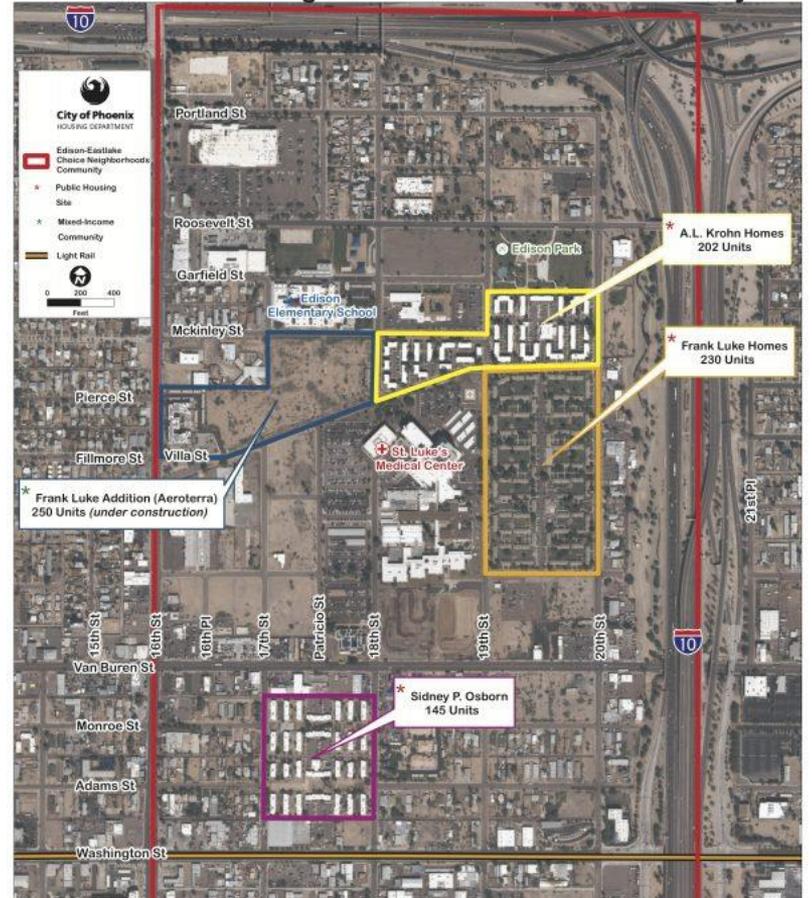
Margaret Wheatley

Phoenix - Nature's Cooling Systems: Neighborhood Built Community Action Planning





Edison-Eastlake Choice Neighborhoods Community



CELTIS RETICULATA
(Sweetgum tree)



Produces red berries in fall that are good for wildlife. Drops all its leaves in the winter (deciduous) 30' tall and wide.
Produce bayas rojas en otoño que son buenas para la vida silvestre. Caen sus hojas en invierno (caducifolia) 30' altura y ancho.

CHILOPSIS LINEARIS
(Sweetgum tree)



Blooms large pink to lavender flowers like spring through fall. Drops all its leaves in the winter (deciduous) 25' tall and wide.
Sus flores grandes moradas y rosas florecen a finales de la primavera y extendiéndose al otoño. En invierno sus hojas caen de 25' de alto por 20' de ancho (caducifolia)

PARKINSONIA FLORIDA
(Shade Park tree)



Blooms small, bright yellow flowers late spring Arizona State tree 30' tall and wide.
Sus pequeñas flores amarillo brillantes florecen a finales de la primavera. Es un árbol del estado de Arizona mide 30' de alto y ancho.

OLNEYA TESOTA
(Ironwood tree)



Blooms small lavender flowers May and June. 60' tall and wide. Blooms large red drops in leaves. 25' tall and wide.
Las pequeñas flores color morado florecen durante mayo y junio. Las semillas de este árbol son comestibles y mide 25' de alto y ancho.

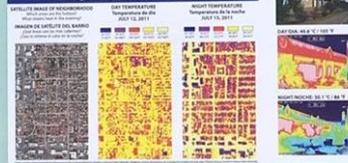
URBAN HEAT ISLAND

Using Trees to Help Cool the City

The urban heat island typically occurs after sunrise as large heat absorption by cement, asphalt and other elements of the built environment during the daytime is slowly released back to the atmosphere during the night. Commonly, during the summer, Phoenix experiences nighttime temperatures that are 12°F warmer than the surrounding rural areas.

Temperature changes affect urban dwellers in many ways, influencing their health and comfort, energy costs, air quality and mobility, water availability and quality, ecological services, recreation, and the overall quality of life.
You can help cool your neighborhood by planting trees at your home.

WHAT PATTERNS DO YOU SEE? ¿QUÉ PATRONES VES?



ISLA DE CALOR URBANO

Uso de árboles para ayudar a refrescar la ciudad

La isla de calor urbano en esta tierra se refiere durante la jornada del día a la absorción del calor por el pavimento y otros elementos del entorno, que a su vez se liberan lentamente a la atmósfera durante la noche. Es la ciudad, durante el verano Phoenix experimenta temperaturas nocturnas que son más calientes que las áreas rurales circundantes 12°F.

Los cambios de temperatura afectan a los habitantes de muchas formas, que influyen en la salud, confort, los costos de energía, calidad del aire, niveles de movilidad, la calidad y disponibilidad del agua, servicios ecológicos de recreación y calidad de vida.
Puedes ayudar al medio ambiente de la comunidad plantando árboles en tu jardín.

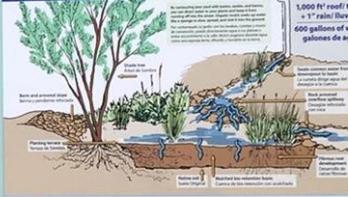


LEARNING ARROYO

A beneficial use of stormwater

Green infrastructure in action! This landscape directs stormwater runoff from the building into a water harvesting arroyo that supports trees, shrubs, and groundcovers. These features use natural processes to filter nonpoint source pollutants carried by stormwater; they also support vegetation that beautifies and shades the community and creates wildlife habitat, and reducing the effect of the urban heat island.

HARVEST THE RAIN AT HOME COSECHA DE LA LLUVIA EN EL HOGAR



Direct runoff to garden beds. 1" of rain that, to help diffuse some water, reduce evaporation of soil moisture and maintain moisture in the soil.

ARROYO DE APRENDIZAJE

Un uso beneficioso de aguas pluviales

Infraestructura verde en acción! Este paisaje dirige las aguas pluviales en un arroyo que pasa por árboles, arbustos y cubiertas vegetales de cosecha; estas características utilizan procesos naturales para la trata de

contaminantes de la lluvia de período de agua pluviales; también ayudan a la vegetación y embellecimiento del paisaje creando hábitat para la vida silvestre y reduce la isla de calor urbano.



BEFORE/ANTES
A barren landscape without shade or community assets. Un paisaje estéril, sin sombra o sin beneficios para la comunidad.



STEP/PASO 1
Excavate to create water harvesting basins. Excavar cuencas para la recolección de agua.



STEP/PASO 2
Redirect water into basins and fortify with rockwork. Dirija el agua de las cuencas hacia los árboles y arbustos.



STEP/PASO 3
Volunteers help shape basins and plant trees and shrubs. Voluntarios ayudan a formar cuencas y plantar árboles.





“If you have come here to help me, you are wasting our time. But if you have come because your liberation is bound up with mine, then let us work together.” – Lilla Watson and Aboriginal Activist Group



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Questions

- **Please submit questions via the Q&A section (not Chat)**
- **Select to All Panelists.**
- **If we are not able to get to your question today, we will try to address it after the webinar in our general follow up email or you may hear directly from the presenters.**



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Join us again next month for...

A Breath of Fresh Air: Managing Air Quality

Thursday, November 1st - 12:00-1:15 PM EDT

Examine the current scientific understanding of the impacts of climate change on air quality and discuss adaptation measures to reduce the public health consequences. A case study of the collaborative effort between the Boston Public Health Commission, a citizen advocate, the Boston Police Department, the taxicab industry, and Logan Airport that brought hybrid vehicles into the city's taxicab fleet will be discussed.

Presenters: Sherry Godlewski & Paul Shoemaker





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Thank You

Please take the time to fill out the **evaluation** for this webinar so we can continue bring you the topics that are most useful for you. An evaluation link will be emailed to you shortly after the webinar ends.