

MY CLIMATE RESILIENCY GUIDE

*A GUIDE TO BUILDING PERSONAL, FAMILY, AND COMMUNITY RESILIENCY
FOR A CHANGING CLIMATE*

Jeni Walker Bailey | Master of Public Health Program University
of South Dakota jennifer.l.walker@coyotes.usd.edu

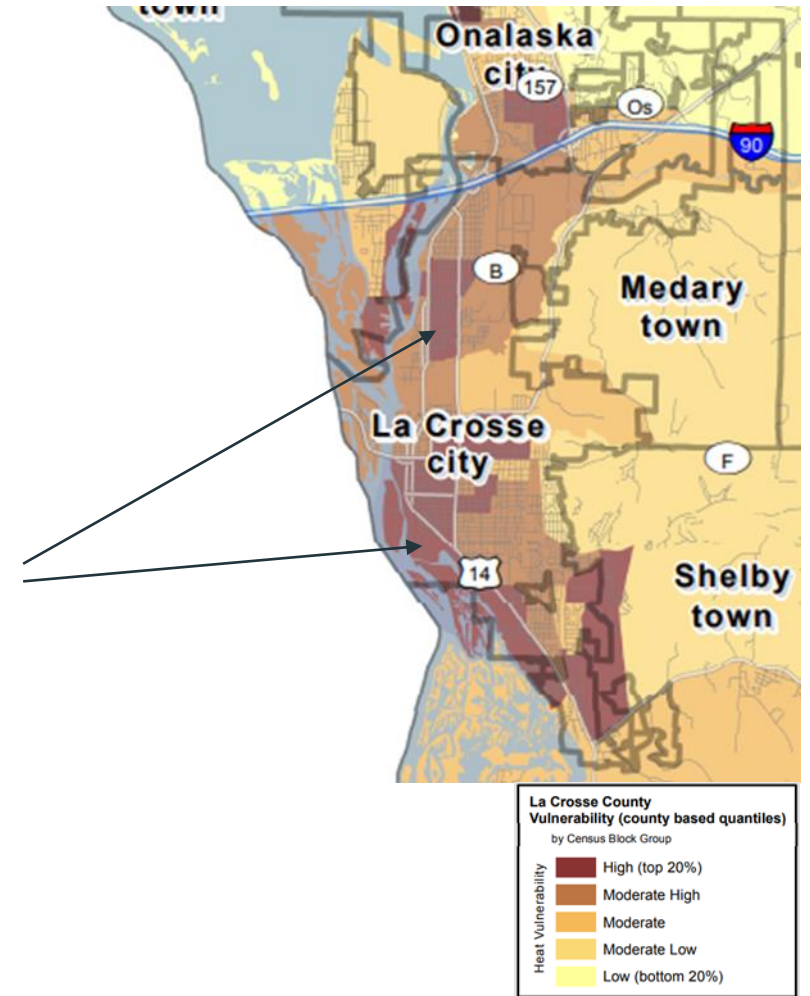
CLIMATE CHANGE

Climate change is imminent for the world's population, and its effects are disproportionately experienced by a community's most vulnerable members. Building resiliency through community planning and policies can help protect its members. In addition to this work, I would like to provide individuals and families with education, tools and resources to build personal resilience and strength to meet challenges to come.



CHANGE IS HERE

- Wisconsin average temperatures have increased >2 degrees in last 100 years
- Climate change exacerbates disparity (American Public Health Association, 2017).
- Extreme heat in Wisconsin (Wisconsin Dept. of Health Services, 2020)
 - 1995 – 68 deaths during an extreme heat event
 - 2020 – 689 visits to emergency rooms, 67 hospitalized, 7 died
 - La Crosse County Heat Vulnerability Index Map identifies hot spots in La Crosse’s most vulnerable neighborhoods (Wisconsin Dept. of Health Services, 2017)
- Women, children, the elderly, and people with disabilities are most vulnerable to extreme heat
- Extreme weather events are increasing in frequency and intensity





SOLUTION

CLIMATE ACTION PLAN STEERING COMMITTEE

Thank you for your great work protecting and planning for our community!

PERSONAL CLIMATE RESILIENCY GUIDE

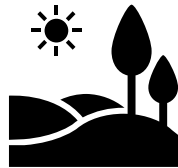
- Workbook format
- Much like Junior Rangers Program – National Parks
- 5th-8th grade reading level
- Climate resiliency activities
- Can work individually
- With older or younger siblings
- With parents, grandparents
- With neighbors or community members
- Could be used for day camps or groups

RESILIENCY GUIDE ELEMENTS

CLIMATE
EDUCATION



COMMUNITY
RESOURCES &
PERSONAL TOOLS



IMPROVE MENTAL
HEALTH AND
RESILIENCY



CONNECT WITH
NATURE



ADAPTATION OF EVIDENCE-BASED INTERVENTIONS



- Project ECHO, University of New Mexico
- Nature's Cooling Systems – City of Phoenix, Arizona
 - Community-based planning, education, implementation
 - Virtual Urban Heat Leadership Academy - 2021
 - Evidence yet to be assessed
- Women-led Resilience Building of Urban Poor in South Asia
 - Mahila Housing SEWA Trust (MHT) – 10 years of evidence
 - Trains local women leaders in India – Bangladesh - Nepal
 - Builds resilience capacities of low-income families to climate stressors (heat waves, flooding, water scarcity)

REQUESTING INPUT AND GUIDANCE FROM CLIMATE ACTION STEERING COMMITTEE