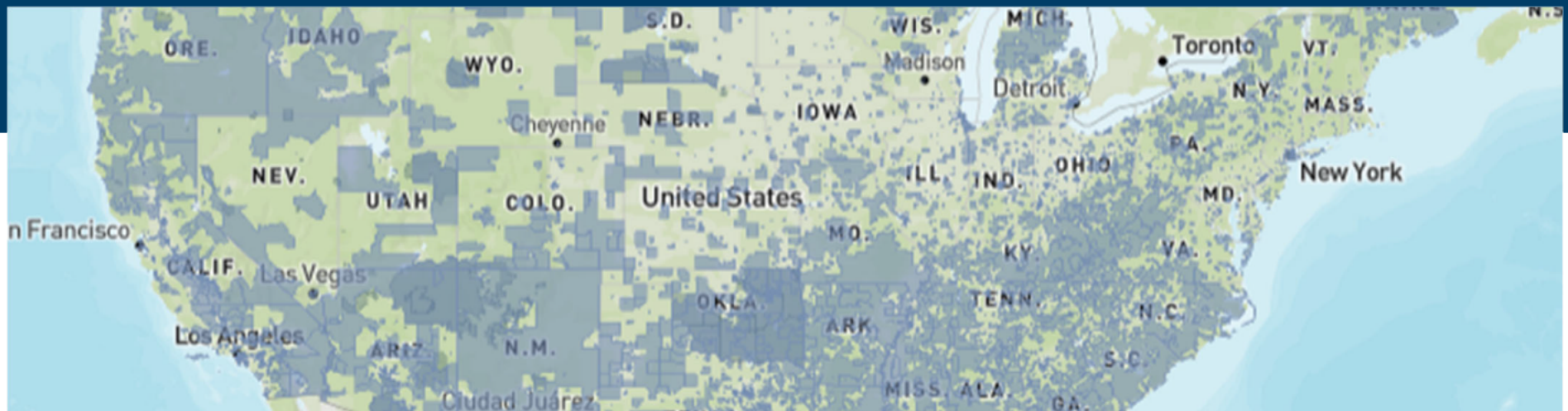


Social Equity and Resilience

Federal Government Support and
Collaboration on Social Equity



FEMA



Justice40 Initiative

Executive Order 14008

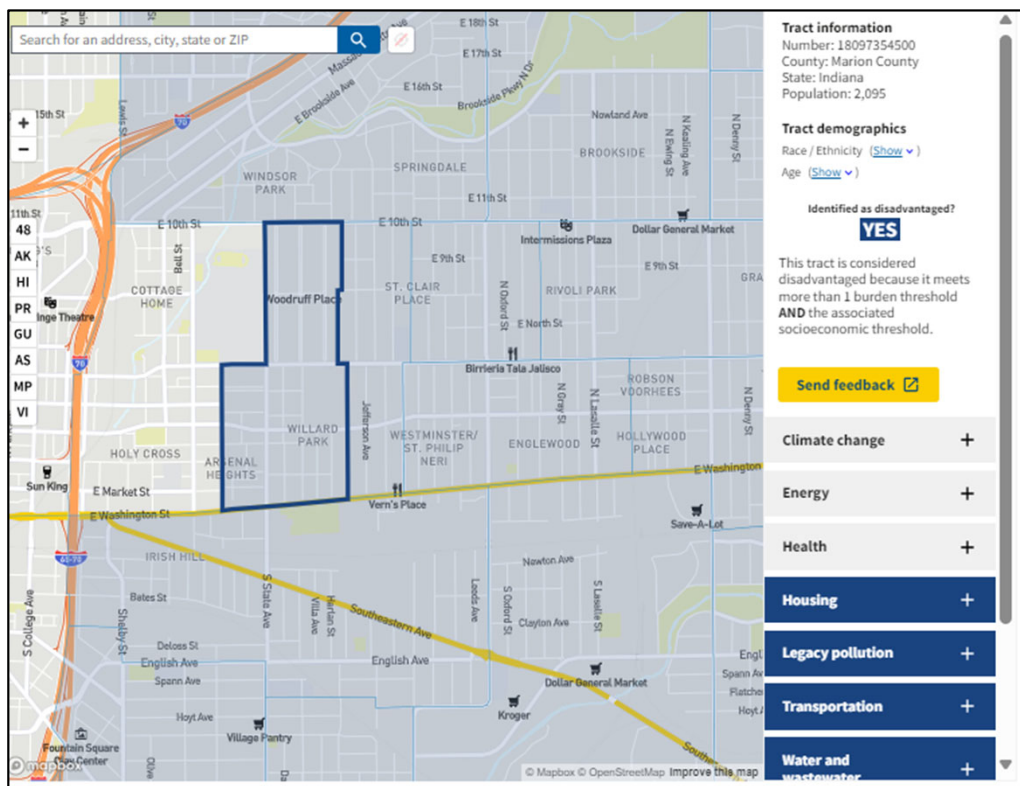
Goal: 40 percent of the overall benefits of certain Federal climate, clean energy, affordable and sustainable housing, and other investments flow to disadvantaged communities that are marginalized by underinvestment and overburdened by pollution.

- Advance environmental justice and benefit disadvantaged communities.

Investment Categories: climate change, clean energy and energy efficiency, clean transit, affordable and sustainable housing, training and workforce development, remediation and reduction of legacy pollution, and the development of critical clean water and wastewater infrastructure.

How: Climate and Economic Justice Screening Tool (CEJST)

Climate and Economic Justice Screening Tool



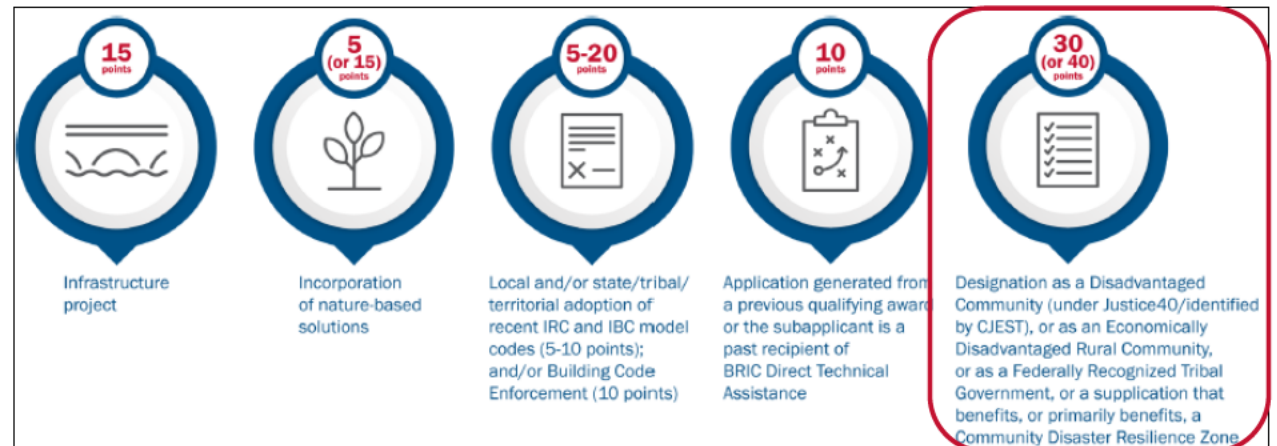
- Council on Environmental Quality (CEQ)
- Yes/No designation
- Socioeconomic Threshold
- 8 Categories
 - Climate change
 - Energy
 - Health
 - Housing
 - Legacy pollution
 - Transportation
 - Water and wastewater
 - Workforce development
- Various Indicators and Thresholds

Category	Environmental, climate, or other burdens	Socioeconomic Burden
Climate change	Expected agriculture loss rate $\geq$ 90th percentile	Low income*
	Expected building loss rate $\geq$ 90th percentile OR	
	Expected population loss rate $\geq$ 90th percentile OR	
	Projected flood risk $\geq$ 90th percentile (NEW) OR	
	Projected wildfire risk $\geq$ 90th percentile (NEW)	
Energy	Energy cost $\geq$ 90th percentile OR	Low income*
	PM 2.5 in the air $\geq$ 90th percentile	
Health	Asthma $\geq$ 90th percentile OR	Low income*
	Diabetes $\geq$ 90th percentile OR	
	Heart disease $\geq$ 90th percentile OR	
	Low life expectancy $\geq$ 90th percentile	
Housing	Historic underinvestment = Yes (NEW)	Low income*
	Housing cost $\geq$ 90th percentile OR	
	Lack of green space $\geq$ 90th percentile (NEW) OR	
	Lack of indoor plumbing $\geq$ 90th percentile (NEW) OR	
	Lead paint $\geq$ 90th percentile	
Legacy pollution	Abandoned mine land present = Yes (NEW) OR	Low income*
	Formerly Used Defense Site (FUDS) present = Yes (NEW) OR	
	Proximity to hazardous waste facilities $\geq$ 90th percentile OR	
	Proximity to Superfund or National Priorities List (NPL) sites $\geq$ 90th percentile OR	
	Proximity to Risk Management Plan (RMP) sites $\geq$ 90th percentile	
Transportation	Diesel particulate matter $\geq$ 90th percentile OR	Low income*
	Transportation barriers $\geq$ 90th percentile (NEW) OR	
	Traffic proximity and volume $\geq$ 90th percentile	
Water and wastewater	Underground storage tanks and releases $\geq$ 90th percentile (NEW) OR	Low income*
	Wastewater discharge $\geq$ 90th percentile	
Workforce development	Linguistic isolation $\geq$ 90th percentile	Lack of High school education > 10%
	Low median income $\geq$ 90th percentile	
	Poverty $\geq$ 90th percentile OR	
	Unemployment $\geq$ 90th percentile	

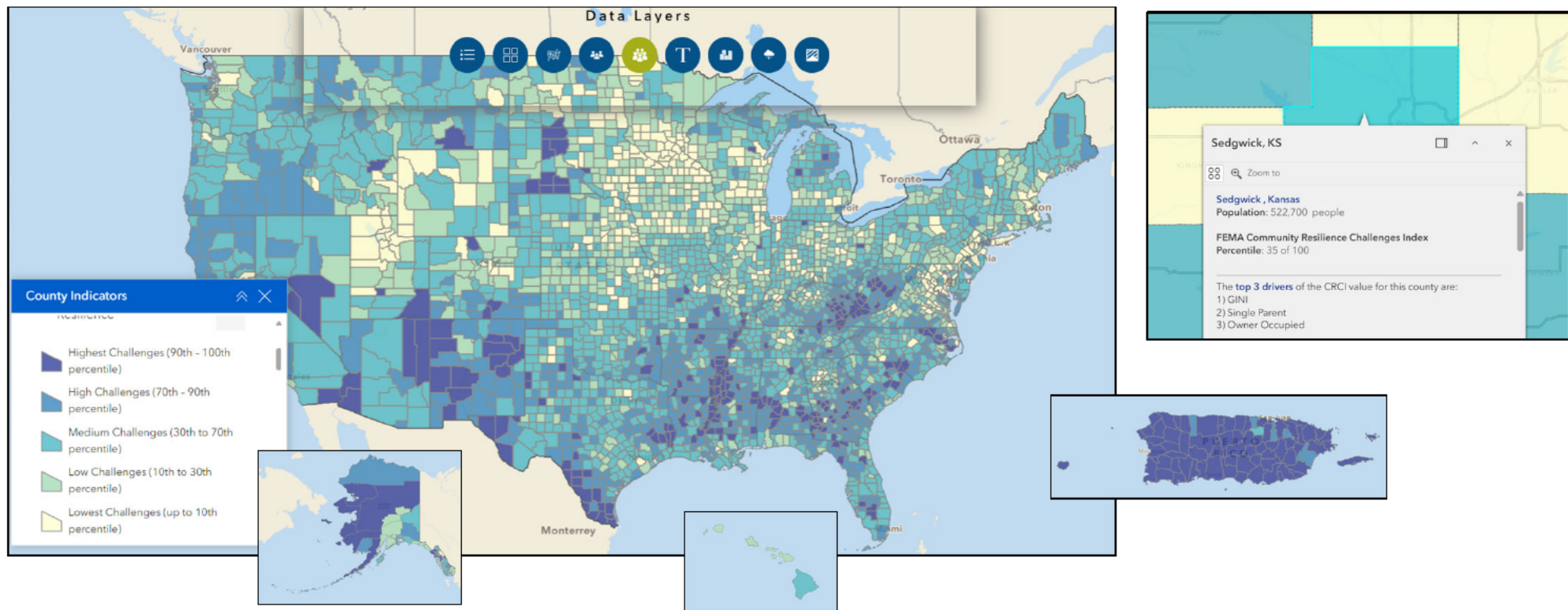
BRIC Grant Evaluation Criteria



BRIC Technical Evaluation Criteria



FEMA Community Resilience Challenges Index



Helping people before, during and after disasters

FEMA.GOV

Community Resilience Challenges Index

- Examine body of published peer-reviewed methodologies on community resilience and social vulnerability.
- Design process to benefit from multiple research perspectives rather than choosing one methodology among many.
- Document researcher rationale for why each indicator is relevant.
- Focus on BOTH:
 - Index to provide high-level relative analysis and a data-driven basis to prioritize locations for technical assistance investment.
 - Individual indicators to inform local outreach, planning, mitigation, exercises, response, and recovery operations.



How do CRCI, SVI and CEJST all relate?

CDC SVI = 16 Indicators

Below 150% Poverty	Single-Parent HH
Unemployed	English Language Proficiency
<i>Housing Cost Burden</i>	<i>Race & Ethnicity</i>
No HS Diploma	<i>Multi-unit structures</i>
No Health Insurance	Mobile Homes
65 or Older	<i>Crowding</i>
<i>17 or Younger</i>	<i>No Vehicle</i>
Civilian with a disability	<i>Group Quarters</i>

Researchers and stakeholders have also found a high correlation of CEJST Justice40 designations with measures of income and poverty. [A new environmental justice tool disregards race. We put it back in. | Grist](#)

FEMA CRCI = 22 Indicators

Pop Below Poverty Level	<i>HH wo/ Smartphone</i>
Unemployed Labor Force	<i>Owner-occupied housing</i>
No HS Diploma	<i>Number of Hospitals</i>
Population wo/ Health Insurance	<i>Medical Professional Capacity</i>
65 or Older	<i>Unemployed Women in Labor Force</i>
Pop with disability	<i>Income Inequality</i>
Single-Parent HH	<i>Workforce in Predominant Sector</i>
HH with Limited English	<i>Presence of Civic and Social Orgs</i>
Mobile Homes % Housing	<i>Pop with Religious Affiliation</i>
<i>HH wo/ Vehicle</i>	<i>Percentage of Inactive Voters</i>
<i>Median HH Income</i>	<i>Population Change</i>

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- FEMA's Community Resilience Challenges Index and Indicators.