

Climate Change Seminar 2023



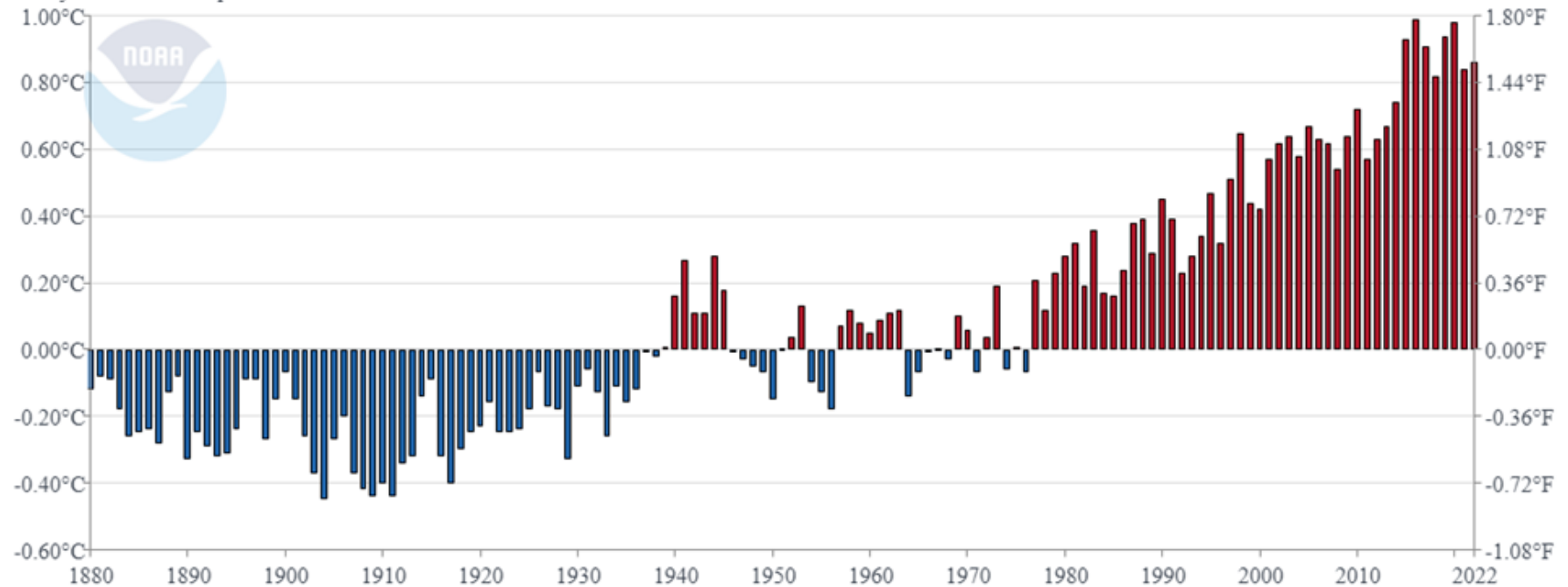


2022 Headlines

Temperature Anomalies

Global Land and Ocean

January-December Temperature Anomalies

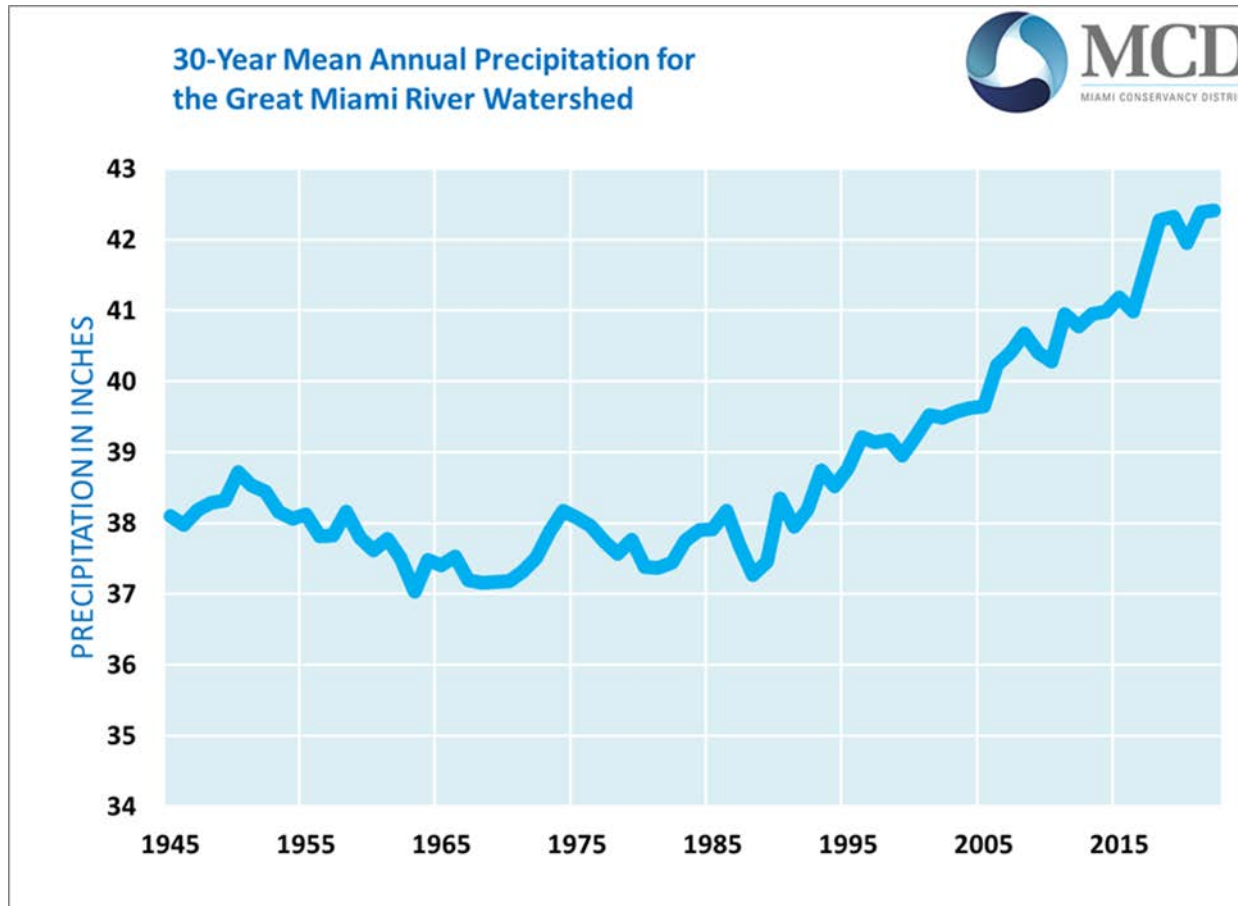


- **NOAA:** 2022 was 6th warmest globally, 18th warmest for the US
- **EU:** March 2023 was 2nd warmest globally, 529th consecutive month above 20th century average





Precipitation



- **NOAA:** 2022 in the “drier third,” with precip. down 1.6” on average in the US.
- **MCD:** MV precip. About 1.7” below 1991-2020 average

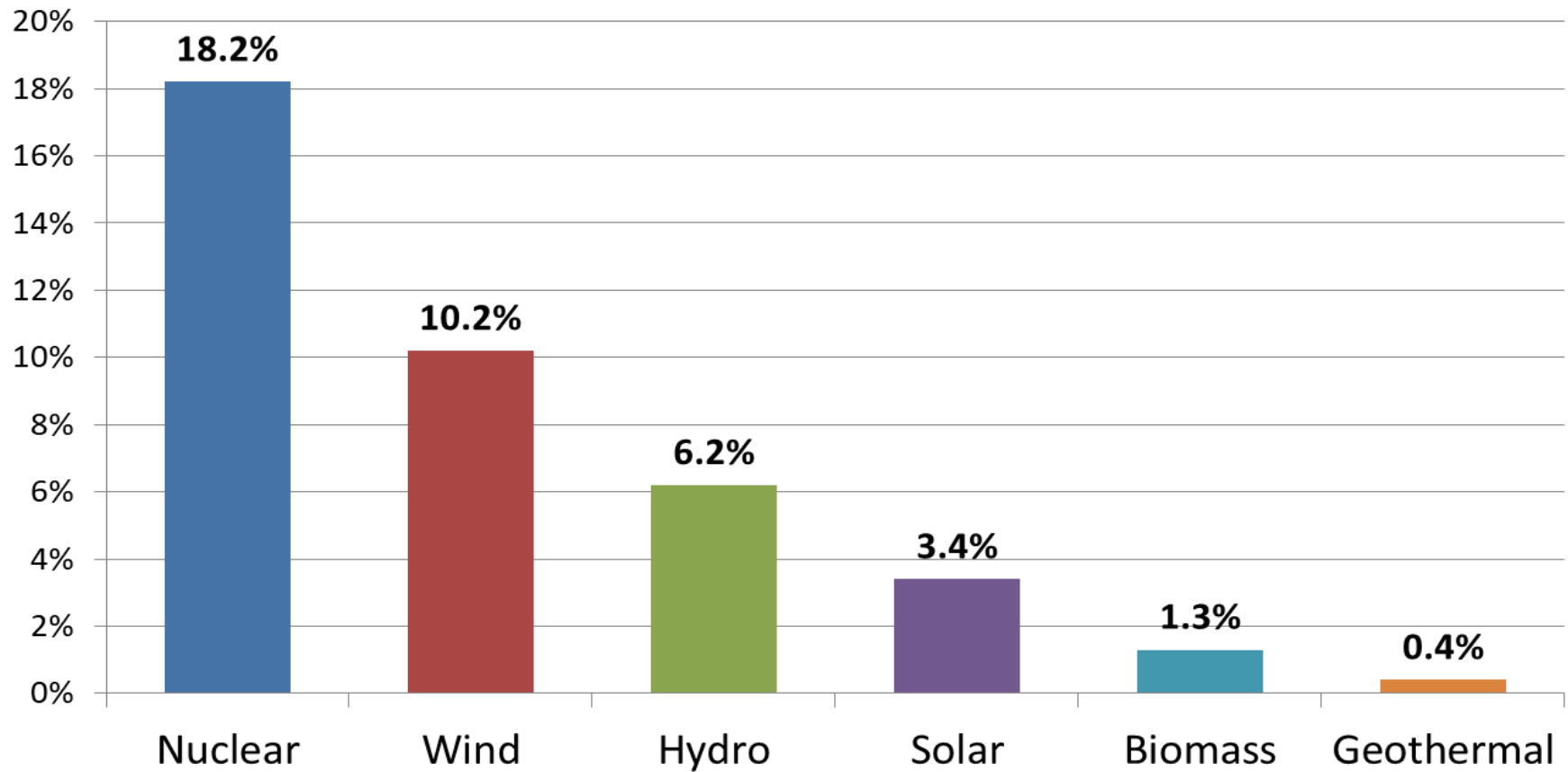




Non-carbon Sourced Electricity



US Non-Carbon Electricity Production, 2022



- **US:** 39.7% + 1.3% from small scale solar. (Source: US EIA)
- **EU:** 52% from non-carbon sources





Climate Agreements/Legislation

- COP 27
 - Loss and Damage Fund
- Bipartisan Infrastructure Law



- Inflation Reduction Act
 - *Climate Pollution Reduction Planning Grant*





Regional Climate Planning Opportunity

Reducing emissions from cars, buses and trucks

- Carpooling
- Regional bikeways
- Clean diesel
- No-Idle zones
- EV charging





Climate Pollution Reduction Planning Grant



From the *Inflation Reduction Act*

- \$3M per state; \$1M per metropolitan area (top 72 +)
 - Emissions inventory and projections
 - Regional goals and strategies
 - Benefits analysis
 - Workforce planning



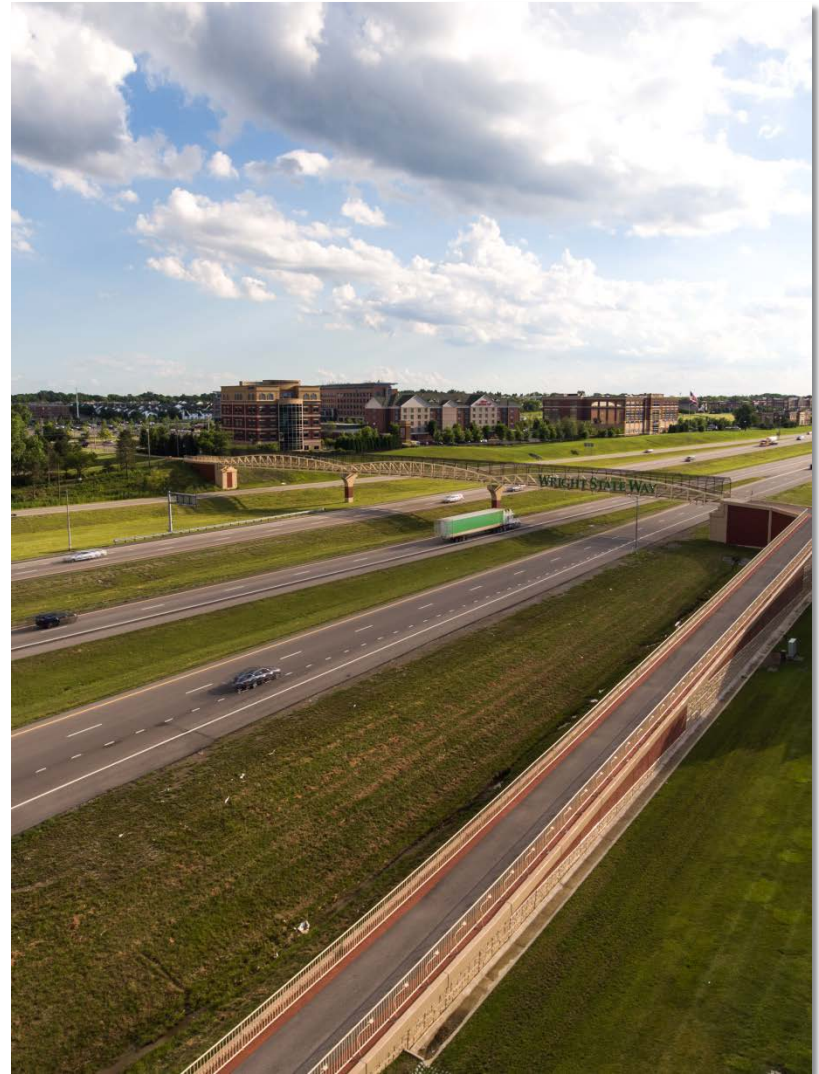


*Dayton-Kettering MSA **not** guaranteed to be funded!*

- Number “73 of 72”
- Notice of Intent to Participate is due April 28, 2023

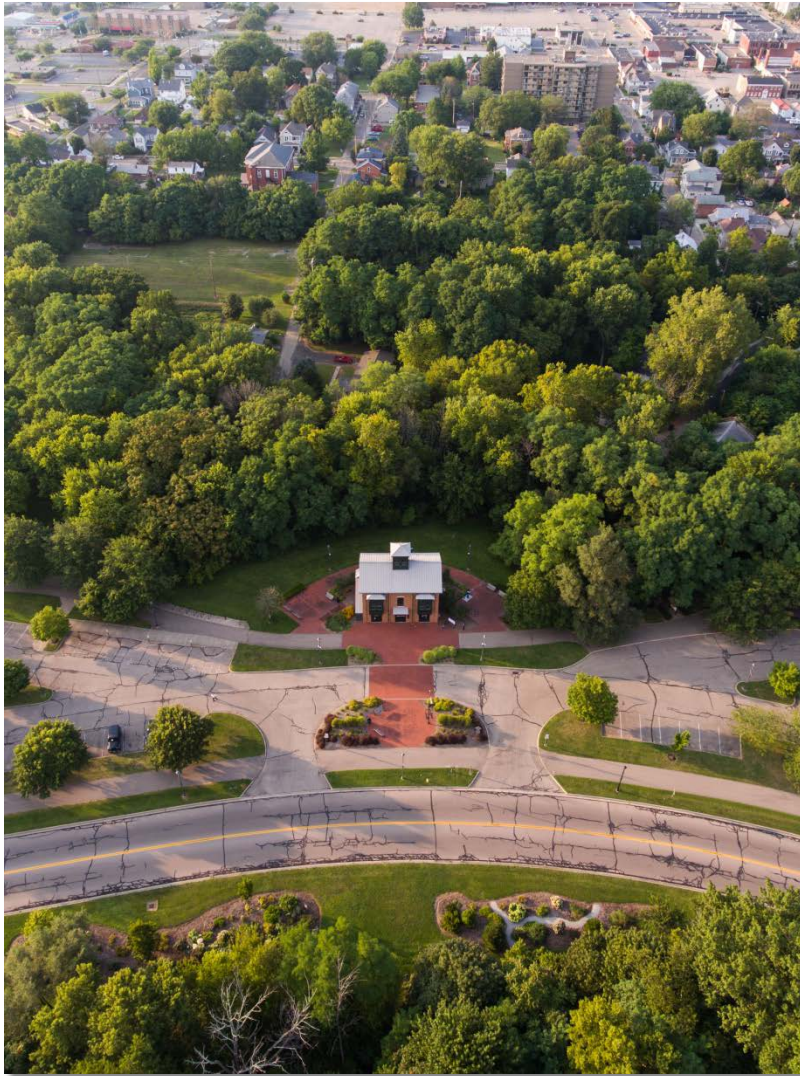
Letters of Support for our Region’s application

– By May 26, 2023





Partners, To Date



- Montgomery County
- Greene County
- City of Dayton
- City of Kettering
- Village of Clifton
- Village of Yellow Springs
- RAPCA
- Five Rivers MetroParks
- Greene County RPCC
- SOPEC

- *Miami County Department of Development*
- *GD Mayors & Managers*





Questions & Comments? Let's talk at the break!

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