

City of Flagstaff Climate Action

1st Annual Northern AZ Environmental
Conference
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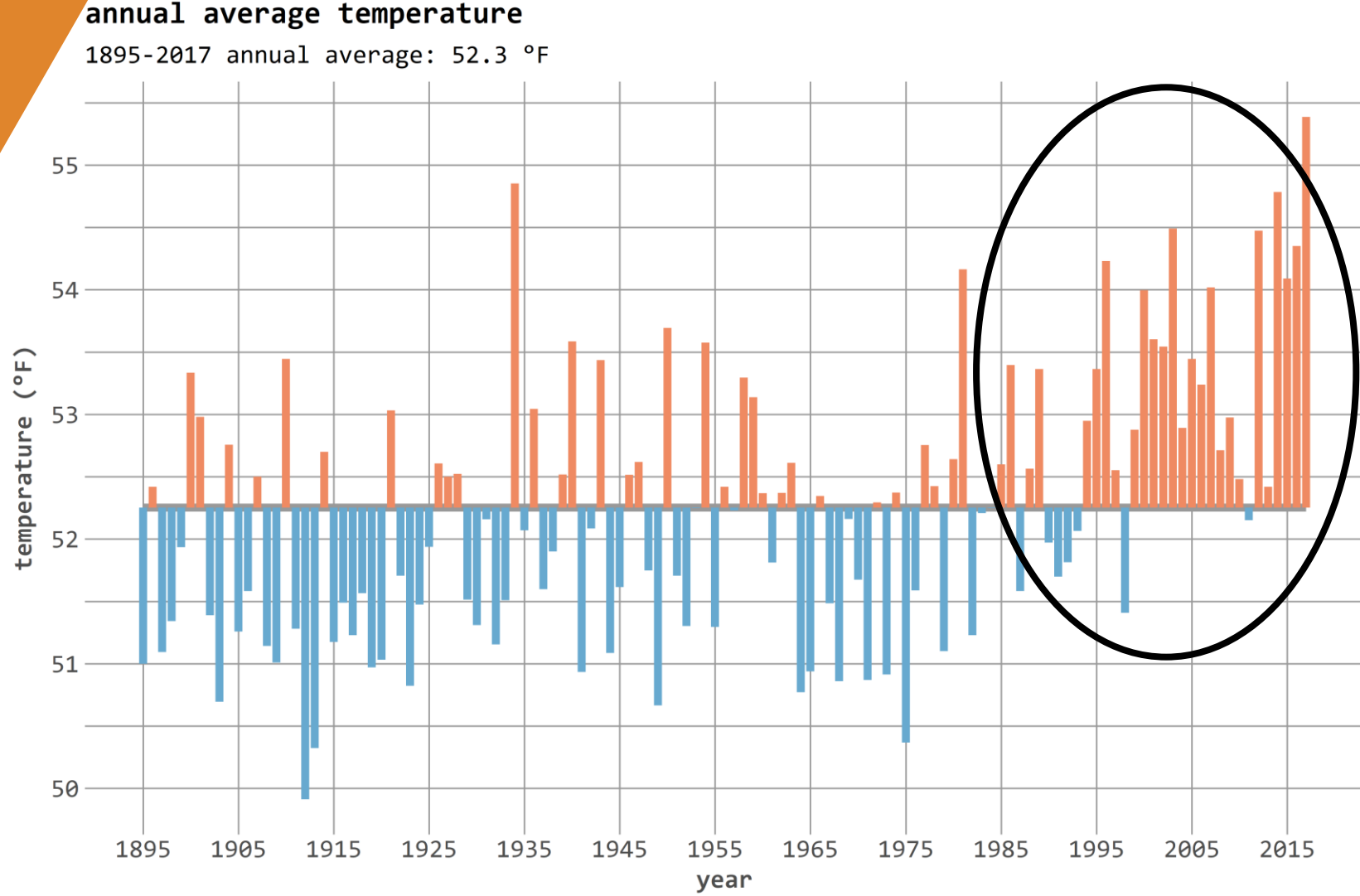


Flagstaff Sustainability
Program



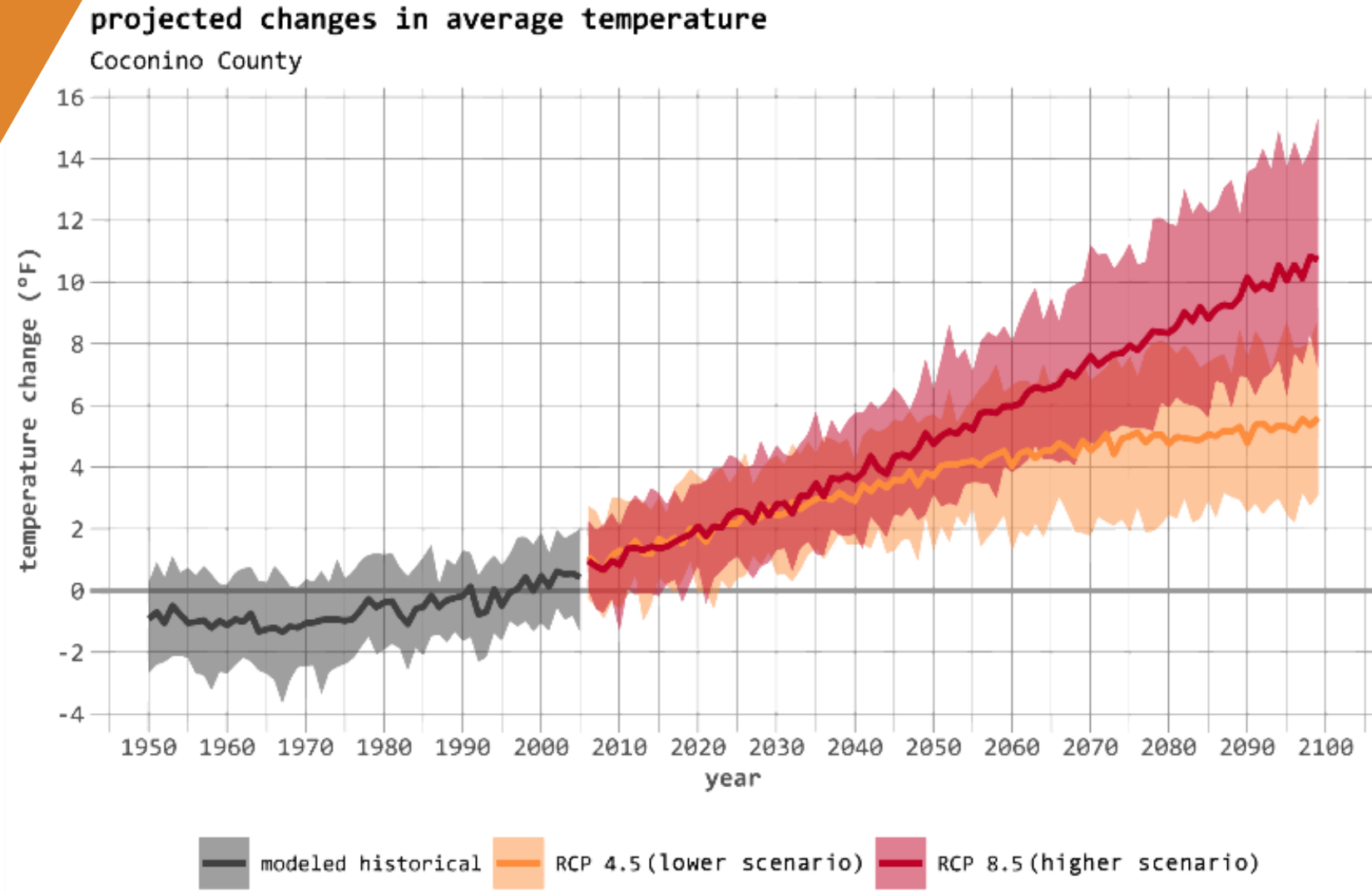
CLIMATE PROFILE:

Temperatures
have increased
in Coconino
County.



CLIMATE PROFILE:

Temperatures will continue to increase.



CLIMATE PROFILE:

Compared to today, by 2050 we expect to have, on average.



- **Hotter** temperatures.
- Increased **risk of disease or illness from mosquitoes** and other pests.



- **Less snowpack.**
- **More rainfall** instead of snowfall.



- Increased **wildfire risk.**
- Increased **damage from forest pests** due to drought-stressed trees.



- More severe **drought** conditions as temperatures rise.
- **Lower water quality** of reservoirs.

CLIMATE ACTION AND ADAPTATION PLAN

Overarching Goals:

Mitigation

Adaptation

Equity

The climate is changing.

Climate change will affect all facets of the Flagstaff community. Anticipated impacts in Flagstaff include:



Less snowpack



Increased risk of heat-related and mosquito-borne illnesses



What is Flagstaff going to do about it?

This Climate Action and Adaptation Plan will guide the Flagstaff community in preparing for climate risks, reducing greenhouse gas emissions, and protecting the wellbeing of residents for decades to come.

OUR GOALS

Reduce greenhouse gas emissions
by **80%**
by 2050, compared to the 2016 emissions baseline.

Make sure that our neighborhoods, resources and economy are more resilient to climate change impacts.

Address climate change impacts in a manner that prioritizes those most impacted.

To meet these goals, we are taking action across sectors:



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equity considerations will guide the Plan and ensure it is accessible to the entire Flagstaff community.

The Climate Action and Adaptation Plan will be updated every

5
years

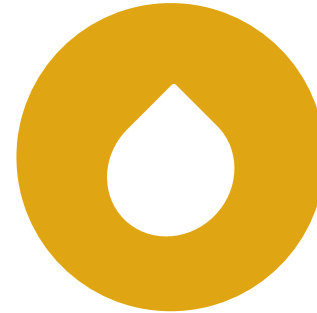
CLIMATE ACTION AND ADAPTATION PLAN: Focus Areas



Energy



Natural
Environment



Water
Resources



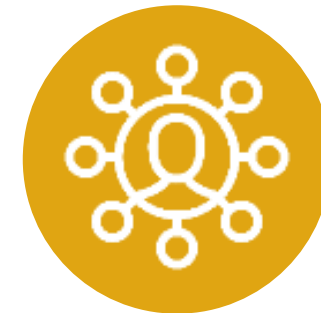
Waste &
Consumption



Public Health
& Emergency Services



Transportation
& Land Use



Economic Prosperity
& Recreation

CLIMATE ACTION CHALLENGE

Project-based learning opportunity

- ▶ Design, implement, and present on a meaningful climate-related project
- ▶ Engage in community outreach and service
- ▶ Develop leadership skills
- ▶ 4th-12th graders



FLAGSTAFF YOUTH CLIMATE SUMMIT

One-day event for youth

- ▶ Climate Action, KidWind, Solar Structure challenges
- ▶ Present projects and compete for awards
- ▶ Learn about climate change, renewable energy, and sustainability
- ▶ Solution-oriented action



FLAGSTAFF CLIMATE AMBASSADORS AND LEADERS

Ambassadors

Leaders

Goal	Train Flagstaff residents on the Climate Action and Adaptation Plan to prepare participants to replicate trainings in their communities and neighborhoods.	Educate residents on climate change, local impacts, and climate action in order to initiate positive climate conversation and community action.
Model	Greenovate Boston Leaders (website)	SLC Climate Communications Leadership Series (program guide), Master Recycler
Timeframe	1 2.5-hr session	6-8 2-hr weekly sessions
Structure	Presentation on Climate Action and Adaptation Plan with community-oriented climate action discussion and resources for training replication.	Interactive and locally relevant curriculum delivered in a workshop-style format with small group discussions, activities, and at-home assignments.

► **Resource links**

- [Climate Profile for the City of Flagstaff and Coconino County](#)
- [Climate Action and Adaptation Plan](#)

► **Education Program links**

- [Climate Action Challenge](#)
- [Flagstaff Youth Climate Summit](#)
- Flagstaff Climate Ambassadors
- Flagstaff Climate Leaders

Thank you!

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