

Climate Ready Curriculum

Community Resource Guide

Seattle Office of Sustainability & Environment

How to use this guide

This guide lists resources to help you and your community get ready for extreme heat, winter weather, wildfire smoke, and other climate impacts in Seattle.

Resources are grouped by what you might need. Each one tells you who made it, what it helps you do, and three ways to find it:

1. **Tap the link** if you are reading on a phone or computer.
2. **Type the web address** into your internet browser.
3. **Scan the QR code** with your phone's camera to open the resource right away.

What's inside

- **Stay cool when it's hot** — Ways to keep your home comfortable and cool during extreme heat.
- **Plant trees and grow shade** — Free trees, planting help, and tools to add shade where you live.
- **Breathe cleaner air indoors** — Protect your health from indoor air pollution and wildfire smoke.
- **Be ready for storms and severe weather** — Forecasts, tips, and ways to report problems before and during severe weather.
- **Prepare and get your community involved** — Get ready for emergencies and find support for community-led projects.
- **Go deeper: data, planning, and learning tools** — Maps, data, and training materials for educators, organizers, and advocates.



Stay cool when it's hot

Ways to keep your home comfortable and cool during extreme heat.

Clean Heat Program: Heat Pump Rebates

Created by: Seattle Office of Sustainability & Environment

Heat pumps keep your home cooler on hot days, warmer in winter, and can filter smoky air. This program offers rebates and fully funded projects for some households to help you install one. What you qualify for depends on your current heat source and your household income.

Open online: [Clean Heat Program: Heat Pump Rebates](https://www.seattle.gov/environment/climate-change/buildings-and-energy/seattles-clean-heat-program)

Web address: <https://www.seattle.gov/environment/climate-change/buildings-and-energy/seattles-clean-heat-program>



Scan with your phone camera to open.

Heat Pump Rebate List

Created by: Seattle Office of Sustainability & Environment

A simple list of the heat pump rebates available in Seattle and the Seattle City Light service area, so you can see what discounts you may be able to claim.

Open online: [Heat Pump Rebate List \(PDF\)](https://www.seattle.gov/documents/Departments/OSE/Building%20Energy/Clean%20Heat/Heat%20Pump%20Rebates.pdf)

Web address:

<https://www.seattle.gov/documents/Departments/OSE/Building%20Energy/Clean%20Heat/Heat%20Pump%20Rebates.pdf>



Scan with your phone camera to open.

Plant trees and grow shade

Free trees, planting help, and tools to add shade where you live.

Trees for Neighborhoods

Created by: Seattle Public Utilities

Get free trees to plant on your own property. Each year the City gives away trees, along with planting and care instructions, to help cool your home and neighborhood.

Open online: [Trees for Neighborhoods](https://seattle.gov/trees/trees-for-neighborhoods)

Web address: <https://seattle.gov/trees/trees-for-neighborhoods>



Scan with your phone camera to open.

Street Tree Permits

Created by: Seattle Department of Transportation (SDOT)

Find out how to get a permit before you plant, prune, or remove a street tree, with step-by-step instructions for applying.

Open online: [Street Tree Permits](https://www.seattle.gov/transportation/permits-and-services/permits/street-tree-permits)

Web address: <https://www.seattle.gov/transportation/permits-and-services/permits/street-tree-permits>



Scan with your phone camera to open.

SDOT Tree Selection Tool

Created by: Seattle Department of Transportation (SDOT)

Not sure which tree to plant along your street? Use this tool to find trees that are a good fit for Seattle neighborhoods and planting strips.

Open online: [SDOT Tree Selection Tool](#)

Web address:

<https://public.tableau.com/app/profile/city.of.seattle.transportation/viz/SDOTTreeSelector/Dashboard>



Scan with your phone camera to open.

Seattle Tree Inventory Map

Created by: City of Seattle

Look up almost any tree in Seattle on an interactive map to see who cares for it, what species it is, when it was planted, and how big it is.

Open online: [Seattle Tree Inventory Map](#)

Web address: <https://experience.arcgis.com/experience/f9a7ca7989c74e45aa3ca755caede541>



Scan with your phone camera to open.

Trees for Resilience

Created by: Better Ground

Learn how trees help neighborhoods stay cooler, cleaner, and more resilient to a changing climate, with practical information you can share with neighbors.

Open online: [Trees for Resilience](#)

Web address: <https://betterground.org/urban-forests/>



Scan with your phone camera to open.

Breathe cleaner air indoors

Protect your health from indoor air pollution and wildfire smoke.

Breathe Better at Home

Created by: Public Health – Seattle & King County, Climate & Health Equity Initiative

An easy interactive guide to improving the air inside your home and lowering your exposure to pollution, including during wildfire smoke.

Available in: Amharic, Arabic, Chinese Simplified, French, Korean, Russian, Somali, Spanish, Tagalog, Ukrainian, Vietnamese

Links to in-language versions accessible via <https://kingcounty.gov/iaq>

Open online: [Breathe Better at Home](#)

Web address: <https://view.genially.com/63f42514f58f700013c4dc5d>



Scan with your phone camera to open.

Improving Indoor Air Quality (video series)

Created by: Public Health – Seattle & King County, Climate & Health Equity Initiative

A short video series on how to improve your indoor air and protect your health from pollution and wildfire smoke.

Available in: Amharic, Arabic, Chinese Simplified, Khmer, Somali, Spanish, Tagalog, Vietnamese

Open online: [Improving Indoor Air Quality \(video series\)](#)

Web address: <https://kingcounty.gov/en/dept/dph/health-safety/environmental-health/healthy-water-air-soil/indoor-air-quality-mold/videos>



Scan with your phone camera to open.

Be ready for storms and severe weather

Forecasts, tips, and ways to report problems before and during severe weather.

WindWatch

Created by: University of Washington

Check the forecast for high winds across Puget Sound so you can prepare your home and family before a windstorm hits.

Open online: [WindWatch](#)

Web address: <https://a.atmos.washington.edu/SCL/>



Scan with your phone camera to open.

Severe Weather Tips for Pets

Created by: Seattle Animal Shelter

Practical tips for keeping your pets and animals safe and comfortable during extreme heat and cold.

Open online: [Severe Weather Tips for Pets](#)



Seattle
Office of Sustainability
& Environment

Web address: <https://www.seattle.gov/animal-shelter/resources/severe-weather-tips>



Scan with your phone camera to open.

Report a Problem

Created by: Seattle Department of Transportation (SDOT)

Report a street problem — like a tree branch that fell across the road during a windstorm — online or by phone. Your report is routed to the right City team to respond. You can also use the Find It, Fix It app.

Open online: [Report a Problem](#)

Web address: <https://www.seattle.gov/transportation/permits-and-services/report-a-problem>



Scan with your phone camera to open.

SDOT Response Team

Created by: Seattle Department of Transportation (SDOT)

Learn about the City crews who respond to road incidents, like storm damage and blocked streets, to keep travel safe and moving across Seattle.

Open online: [SDOT Response Team](#)

Web address: <https://www.seattle.gov/transportation/projects-and-programs/safety-first/sdot-response-team>



Scan with your phone camera to open.



Seattle
Office of Sustainability
& Environment

Prepare and get your community involved

Get ready for emergencies and find support for community-led projects.

Becoming Climate Resilient: A Disaster Prep Guide for King County

Created by: Basilica Bio

An easy-to-read flipbook guide that walks you through getting ready for climate-related emergencies and disasters in King County.

Open online: [Becoming Climate Resilient: A Disaster Prep Guide for King County](https://basilicabio.org/learn)

Web address: <https://basilicabio.org/learn>



Scan with your phone camera to open.

Neighborhood Matching Fund

Created by: Seattle Department of Neighborhoods

Apply for funding (cash or in-kind match) for community-led projects, such as a neighborhood clean-up, planting at a traffic circle, or your own idea. You can also browse previously funded projects for inspiration.

Open online: [Neighborhood Matching Fund](https://www.seattle.gov/neighborhoods/community-grants/neighborhood-matching-fund)

Web address: <https://www.seattle.gov/neighborhoods/community-grants/neighborhood-matching-fund>



Scan with your phone camera to open.

Go deeper: data, planning, and learning tools

Maps, data, and training materials for educators, organizers, and advocates.



Seattle
Office of Sustainability
& Environment

Community-wide Greenhouse Gas Emissions Inventory

Created by: Seattle Office of Sustainability & Environment

Explore Seattle's data on greenhouse gas emissions and related trends, like building energy use, vehicle travel, and heating and cooling demand. Useful for educators, students, and anyone who wants to dig into the numbers behind the city's climate work.

Open online: [Community-wide Greenhouse Gas Emissions Inventory](https://www.seattle.gov/environment/climate-change/climate-planning-and-data/greenhouse-gas-emissions-inventory)

Web address: <https://www.seattle.gov/environment/climate-change/climate-planning-and-data/greenhouse-gas-emissions-inventory>



Scan with your phone camera to open.

Tree Equity Score

Created by: American Forests

See how tree cover compares across Seattle neighborhoods and the country using a “tree equity” score for each area. A useful tool for advocates working to add trees where they're needed most.

Open online: [Tree Equity Score](https://www.treeequity.org/)

Web address: <https://www.treeequity.org/>



Scan with your phone camera to open.

Street Tree Planning Studies

Created by: Seattle Department of Transportation (SDOT)

See where Seattle has room to plant more street trees, why trees matter for health and climate, and what stands in the way of planting in different neighborhoods.



Seattle
Office of Sustainability
& Environment

Open online: [Street Tree Planning Studies](#)

Web address: <https://www.seattle.gov/transportation/projects-and-programs/programs/trees-and-landscaping-program/tree-planning-study>



Scan with your phone camera to open.

Vibrant Cities Lab Resource Library

Created by: American Forests

A library of guides and tools on using trees and nature-based solutions to build community climate resilience. Helpful for organizers and program planners.

Open online: [Vibrant Cities Lab Resource Library](#)

Web address: <https://www.vibrantcitieslab.org/resource-library/>



Scan with your phone camera to open.

Urban Heat & Urban Forestry Accelerator: Resource Library

Created by: Center for Regenerative Solutions

A full library of training materials, including slide decks from each module, on urban heat and urban forestry, featuring leading experts. The images may be reused for educational purposes.

Open online: [Urban Heat & Urban Forestry Accelerator: Resource Library](#)

Web address: <https://naturebasedclimate.solutions/accelerator-resources>



Scan with your phone camera to open.

Duwamish Valley Project Map

Created by: Seattle Office of Sustainability & Environment, Duwamish Valley Program

An interactive map of City projects, programs, and planning efforts across the Duwamish Valley, pulled together from departments citywide.

Open online: [Duwamish Valley Project Map](https://experience.arcgis.com/experience/eebbfe7745e64a14b5126c4b5f99d192)

Web address: <https://experience.arcgis.com/experience/eebbfe7745e64a14b5126c4b5f99d192>



Scan with your phone camera to open.



Seattle
Office of Sustainability
& Environment