Additional Information and Resources

SOUTH CAROLINA
OFFICE OF
RESILIENCE

SC DEPARTMENT *of*
ENVIRONMENTAL
SERVICES

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Climate Pollution Reduction Grant (CPRG) Program

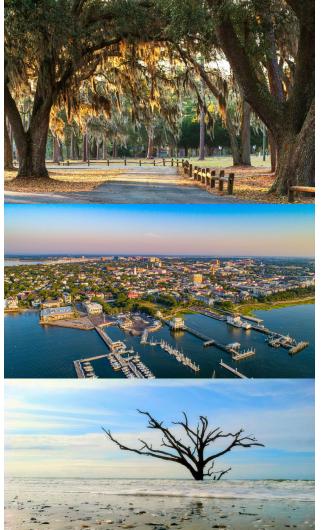| Source	Title	Link
SC Office of Resilience	**Palmetto Air Quality Collaborative (PAQC)**	https://scor.sc.gov/paqc
U.S. Environmental Protection Agency (EPA)	**The Inflation Reduction Act (IRA)**	https://www.epa.gov/inflation-reduction-act
	CPRG Program	https://www.epa.gov/inflation-reduction-act/climate-pollution-reduction-grants
	CPRG Implementation Grants	https://www.epa.gov/inflation-reduction-act/about-cprg-implementation-grants
	Implementation Grants: General Competition Selections	https://www.epa.gov/inflation-reduction-act/cprg-implementation-grants-general-competition-selections#map
	State Inventory and Projection Tool *Used to develop the SC greenhouse gas (GHG) emissions inventory*	https://www.epa.gov/statelocalenergy/state-inventory-and-projection-tool

Climate-Related Information

Source	Title	Link
SC Office of Resilience	**Strategic Statewide Resilience and Risk Reduction Plan**, Chapter 4. *"Climate Trends."*	https://scor.sc.gov/sites/scor/files/Documents/Chapter%204%20Climate%20Trends.pdf
U.S. Environmental Protection Agency (EPA)	**Overview of Greenhouse Gases** (GHG)	https://www.epa.gov/ghgemissions/overview-greenhouse-gases
	Inventory of U.S. GHG Emissions and Sinks	https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks
	Understanding Global Warming Potential	https://www.epa.gov/ghgemissions/understanding-global-warming-potentials
	The Basics of Climate Change	https://www.epa.gov/climatechange-science/basics-climate-change
NASA	**What is the Greenhouse Effect?**	https://science.nasa.gov/climate-change/faq/what-is-the-greenhouse-effect/
	Global Climate Change Evidence	https://science.nasa.gov/climate-change/evidence/
U.S. Energy Information Administration (EIA)	**Energy and the Environment Explained**	https://www.eia.gov/energyexplained/energy-and-the-environment/where-greenhouse-gases-come-from.php
U.S. Global Change Research Program	**Fifth National Climate Assessment**	https://nca2023.globalchange.gov/

Sector-Specific Information and Tools

Sector	Source	Title	Link
All	U.S. EPA	**Household Carbon Footprint Calculator**	https://www.epa.gov/ghgemissions/household-carbon-footprint-calculator
		Sources of Greenhouse Gas Emissions [and Sinks]	https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions
	SC Office of Resilience	**SC Strategic Statewide Resilience and Risk Reduction Plan; 2024 Annual Update; and Resilience Atlas**	https://scor.sc.gov/resilience
Industry	National Renewable Energy Lab (NREL)	**Advanced Manufacturing Energy Basics**	https://www.nrel.gov/research/advanced-manufacturing-energy-basics
	Sustain SC	**Circular Economy**	https://www.sustainsouthcarolina.org/circularity
		Innovation and the Sustainable Revolution	https://www.sustainsouthcarolina.org/sustainable-revolution
		The Economic Impact of Sustainability Report for South Carolina	https://www.sustainsouthcarolina.org/economic-impact-of-sustainability
		SCMEP Sustainability Resource Guide: A Practical Guide to Sustainable Manufacturing	https://www.sustainsouthcarolina.org/scmep-sustainable-resource-guide
Natural & Working Lands	U.S. EPA	**Land Revitalization**	https://www.epa.gov/land-revitalization
		Land Use, Land-Use Change, and Forestry: A Carbon "Sink"	https://www.epa.gov/ghgemissions/land-use-land-use-change-and-forestry-sector-emissions-and-sequestration
	SC.gov	**Conservation: Information about natural resource conservation efforts in South Carolina**	https://sc.gov/residents/maintaining-our-environment/conservation
	Sustain SC	**Land and Water Action Platform**	https://www.sustainsouthcarolina.org/land-water-action-platform

Transportation Information

Source	Title	Link
National Renewable Energy Lab (NREL)	**Transportation**	https://www.nrel.gov/research/transportation
	Commercial Vehicle Technologies *Includes links to advanced vehicles & powertrains; advanced trucks; advanced buses; airports, seaports, & inland ports; connected & automated trucks; and freight transport*	https://www.nrel.gov/transportation/commercial-vehicle-technologies
	All-Electric Vehicle Basics	https://www.nrel.gov/research/transportation-all-electric
U.S. EPA	**Green Vehicle Guide**	https://www.epa.gov/greenvehicles
	Electric Vehicle Myths	https://www.epa.gov/greenvehicles/electric-vehicle-myths
	Help Make Transportation Greener	https://www.epa.gov/greenvehicles/help-make-transportation-greener
	Your Car vs. an Electric Vehicle calculator	https://www.epa.gov/greenvehicles/comparison-your-car-vs-electric-vehicle
SC Energy Office	**Palmetto Clean Fuels Coalition**	https://energy.sc.gov/focus-area/clean-transportation/pcfc
	Electric Vehicle Stakeholder Initiative (EVSI)	https://energy.sc.gov/focus-area/clean-transportation/electric-vehicles/electric-vehicle-stakeholder-initiative
	SC Electric Transportation Network	https://www.scetnetwork.org/
SC DOT	**Bicycle & Pedestrian Program**	https://www.scdot.org/projects/bikeped.html
	Transportation Alternatives Set-Aside Program (TAP)	https://www.scdot.org/projects/community-transportation-alternatives.html
	SC Statewide Rail Plan	https://www.scdot.org/travel/freight-rail.html
	Public Transit	https://www.scdot.org/inside/inside-PublicTransit.html

Electric Power Generation Information

Source	Title	Link
National Renewable Energy Lab (NREL)	**Solar Energy Basics**	https://www.nrel.gov/research/re-solar
	Grid Modernization: Microgrids	https://www2.nrel.gov/grid/microgrids
	Community Solar	https://www.nrel.gov/state-local-tribal/community-solar
	Agrivoltaics	https://www.nrel.gov/solar/market-research-analysis/agrivoltaics
	Solar-Plus-Storage	https://www.nrel.gov/solar/market-research-analysis/solar-plus-storage-analysis
SC Office of Resilience	**SC Solar for All**	https://scor.sc.gov/solarforall
The Ray	**Non-Profit in GA that is lining highways with solar**	https://theray.org/
U.S. Energy Information Administration (EIA)	**Energy Kids: Renewable Solar**	https://www.eia.gov/kids/energy-sources/solar/
SC Energy Office	**Solar SC**	https://solar.sc.gov/
	State Energy Plan *Plan includes information related to electric power generation, buildings, and transportation.*	https://energy.sc.gov/focus-area/state-energy-plan
	Energy Efficiency Roadmap	https://energy.sc.gov/focus-area/energy-efficiency/energy-efficiency-roadmap

Buildings Information

Source	Title	Link
National Renewable Energy Lab (NREL)	**Zero Energy Buildings**	https://www.nrel.gov/research/re-net-zero-buildings
	Home Energy Management System – foresee	https://www.nrel.gov/buildings/foresee
	ResStock Analysis Tool *Residential Buildings*	https://www.nrel.gov/buildings/resstock
	ComStock Analysis Tool *Commercial Buildings*	https://www.nrel.gov/buildings/comstock
	URBANopt Advanced Analytics Platform *Different building types; districts, neighborhoods, campuses*	https://www.nrel.gov/buildings/urbanopt
U.S. Department of Energy	**Energy Saver**	https://www.energy.gov/energysaver/energy-saver
	Home Energy Score	https://www.energy.gov/eere/buildings/articles/home-energy-score
Green Built Alliance	**Advancing Sustainable Living, Green Building, and Climate Resiliency.**	https://www.greenbuilt.org/
SC Energy Office	**Energy Saver** *For homes and businesses*	https://energysaver.sc.gov/
	Weatherization	https://energysaver.sc.gov/your-home/weatherization
	Energy Efficiency Roadmap	https://energy.sc.gov/focus-area/energy-efficiency/energy-efficiency-roadmap

Waste Information

Source	Title	Link
U.S. EPA	**Reducing and Reusing Basics**	https://www.epa.gov/recycle/reducing-and-reusing-basics
	Recycling Basics and Benefits	https://www.epa.gov/recycle/recycling-basics-and-benefits
	Composting	https://www.epa.gov/sustainable-management-food/composting
	Approaches to Composting	https://www.epa.gov/sustainable-management-food/approaches-composting
	Community Composting	https://www.epa.gov/sustainable-management-food/community-composting
	Composting at Home	https://www.epa.gov/recycle/composting-home
	Preventing Wasted Food at Home	https://www.epa.gov/recycle/preventing-wasted-food-home
NREL	**Biomass Energy Basics**	https://www.nrel.gov/research/re-biomass
SC DES	**Recycling and Waste Reduction** *Collection of links for homes, schools, businesses/government about recycling, food waste, composting, and solid waste*	https://www.des.sc.gov/community/recycling-waste-reduction