



CONNECT WITH REGIONAL ORGANIZATIONS AND LOCAL CHAMPIONS

They can assist and provide services and information. Join community groups focused on solutions. Talk with your elected representatives and vote!

For more information visit ccass.arizona.edu



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10 WAYS TO 
address & adapt
to climate change in Southern Arizona

COLLEGE OF AGRICULTURE AND LIFE SCIENCES



TRIF
Technology and Research Initiative Fund



CONSERVE ENERGY AT HOME AND WORK

Minimize your own contributions to greenhouse gas emissions and climate change by switching to energy-saving appliances and lights and insulating your roof, windows, and doors. Adjust your thermostat seasonally and for when you are not at home. Manage the power you use for computers and monitors by powering them down when not in use. Consider solar!

Tucson Electric Power
portal.ecosconsulting.com/locator/TEP
Sustainable Tucson
sustainabletucson.org



MAKE WISE MOVES

Walk, bike, or use public transportation or fuel-efficient vehicles. Tune up your car or truck and maintain proper tire inflation. Go easy on the gas and brakes to improve your gas mileage and minimize your idling time.

Pima Association and Government Sun Rideshare
pagnet.org
Department of Energy website on fuel economy
www.fueleconomy.gov/feg



USE WATER WISELY INSIDE AND OUT

Conserve our precious water by switching to low-flow toilets, faucets, and showerheads and to front-loading washing machines. Plant drought- and heat-tolerant plants. Turn off your irrigation system when it rains or use a “smart controller” that does it for you. Use graywater or harvested rainwater to water outdoor plants.

City of Tucson rebate programs
tucsonaz.gov/water/rebate
ADWR low-water use plant list
www.azwater.gov/azdwr/WaterManagement/AMAs/LowWaterUsePlantList



REDUCE URBAN HEAT

Plant desert-adapted trees to shade your home and other buildings and lower the ambient temperature. Use roofing and paving materials that reflect more sunlight and absorb less heat.

Trees for Tucson
tucsoncleanandbeautiful.org/trees-for-tucson
Heat Island Group
heatisland.lbl.gov



PLAN FOR EMERGENCIES

Build community relationships so you can assist and check on each other in extreme weather. Establish a neighborhood listserv and a phone tree for emergencies. Identify people who are most at risk, including older people, the disabled, and transient populations, as well as the resources to help them. Create heat wave plans, buddy systems, or referral networks.

Pima Council on Aging
pcoa.org
Pima County Interfaith Council
pimacountyinterfaith.org
Climate Smart Southwest (Physicians for Social Responsibility)
psr.org/chapters/arizona/climate-smart-southwest



STAY INFORMED

Get the facts about climate change and adaptation planning from reliable, objective, and up-to-date sources. Be flexible about making personal adjustments as more information becomes available.

CLIMAS (Climate Assessment for the Southwest)
climas.arizona.edu
US National Climate Assessment
nca2014.globalchange.gov



BECOME A CITIZEN SCIENTIST

Help scientists gather data about local climate and climate change impacts through efforts such as Rainlog.org and the National Phenology Network.

Rainlog.org
rainlog.org
National Phenology Network
usanpn.org



BE MINDFUL OF CLIMATE-RELATED HEALTH ISSUES

Help limit the spread of climate-related illnesses such as dengue fever by eliminating standing water where mosquitoes breed during the monsoon. Look carefully around potted plants, leaking water pipes, and irrigation systems. Drink plenty of water to stay hydrated and dress in clothing that protects your skin during extreme heat.

Pima County Health Dept.
webcms.pima.gov/health/education_and_outreach/beat_the_heat
Climate Smart Southwest (Physicians for Social Responsibility)
psr.org/chapters/arizona/climate-smart-southwest



HELP ERADICATE BUFFELGRASS

Donate some elbow grease to help remove buffelgrass and stop the transformation of previously fireproof desert into flammable grassland. Buffelgrass is an invasive species that outcompetes important native plants and increases fire risk.

Southern Arizona Buffelgrass Coordination Center
buffelgrass.org

