



*January 2024*

# Climate Action Plan

**We strive to protect our environment, enhance the wellbeing of our community, and advance to a more equitable society while providing top-notch education to the San Francisco Bay Area.**

San Francisco State University's Climate Action Plan takes an intersectional and holistic approach to address climate change, our environment, health and education so we can provide the most equitable solutions for a just society. The Climate Action Plan should be viewed as a living document. It will evolve overtime as we improve and update our goals and objectives to strengthen our climate action strategy. We will also continue to establish clear, measurable targets for our goals so we can assure transparency and accountability.



CRUZ-GONZALEZ STUDENT CENTER

# How We Build

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## Leading the Way With LEED

In 2019, San Francisco State University built its first Leadership in Energy and Environmental Design ([LEED](#)) Platinum building with the opening of the [Mashouf Wellness Center](#). LEED is the world's most widely used green building rating system. Platinum is the highest rating followed by Gold, Silver then Certified. All new buildings at SF State must be built to LEED Gold standards or higher. Our buildings currently under construction -- including Manzanita Square, the new Creative Arts building and new Science building -- are all planned to be LEED Gold certified when they open in 2024.

## Sustainable Landscape

SF State's Grounds department is cultivating a landscape that maintains urban biodiversity, minimizes water for irrigation and prevents stormwater runoff.

- Our irrigation system uses moisture sensors and central controls to avoid water waste.
- The Mashouf Wellness Center uses graywater to meet all landscape irrigation needs.
- Bioswales -- landscaped channels that filter and absorb rainwater -- throughout campus minimize our impact on San Francisco's stormwater system. Check out the huge bioswale in front of the Mashouf Wellness Center!
- Sustainable landscaping policies are outlined in our [Landscape Framework and Forest Management Plan](#).

## Planning + Design

Our Planning + Design team incorporates sustainability in every planning decision. This includes the Campus Master Plan, transportation planning and designing how people move through campus. For updates visit [plan.sfu.edu](http://plan.sfu.edu).

## Climate Action Goals

- All future new buildings will be LEED Gold certified or higher and all-electric.
- All future new construction, remodeling, renovation and repair projects, regardless of funding source, will be designed with consideration of optimum energy utilization, decarbonization, and low life-cycle operating costs and shall exceed all applicable energy codes and regulations by 10%. ([CSU Sustainability Policy](#))
- Retrofit older buildings to be more energy efficient and all-electric, if funding becomes available.
- In all areas where appropriate, landscaping will support a naturally functioning habitat, promote biodiversity, and preserve native landscapes. ([CSU Sustainability Policy](#))
- Care for all of managed grounds besides athletic fields (43 of 50 acres) a without the use of inorganic fertilizers, pesticides, chemicals, herbicides and fungicides. ([Landscape Framework](#))

# How We Collaborate

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San Francisco State University is dedicated to social and climate justice.

Created in 2021, [Climate HQ](#) empowers SF State's diverse students, staff and faculty to become Climate Justice Leaders. By actively advancing Climate Justice both within California and beyond, Climate HQ strives to create a global impact in addressing climate challenges and fostering just and sustainable solutions.

An organization within Associated Students, the [Environmental Resource Center](#) aims to educate our student body and campus community about environmental issues, their direct intersections with environmental justice and life practices we can all adapt to live more environmentally conscious and sustainable lives.

You can not fight for climate justice or earn a degree if you can not take care of yourself. That's why SF State provides basic needs and wellness services for all students.

- [Health Promotion & Wellness](#) provides health education and actively promotes a culture of wellness focusing on drug use, mental health, nutrition, sexual health and social & emotion wellness. Health promotion & Wellness creates opportunities for students to enact healthy behaviors through advocacy, campaigns, programming, events, workshops and peer health leadership programs. Check out the [SF State Wellness Map](#).
- [Food+Shelter+Success](#), SF State's Basic Needs Initiative, supports students' ability to reach their full potential at SF State by providing food, housing and financial crisis support programs, services and referrals. Equitable access to housing, food, medical care and education are critical, undeniable and foundational elements of racial and social justice.

The [Division of Equity & Community Inclusion](#) is responsible for leading, coordinating, implementing and evaluating a broad range of sustained programs, initiatives, events and activities designed to: facilitate intercultural/intergroup dialogue, promote equity and inclusion, advance social justice and improve campus climate for all of our students. Among several desired outcomes, most notably Equity & Community Inclusion works collaboratively with campus partners (including student clubs and organizations) to close the educational equity gap in support of our [Graduation Initiative 2025](#) goals, as well as fuel and support our diverse students' hopes and dreams to graduate and go on to make a positive impact in their communities and on the world.

# Climate Action Goals

- Continue to promote climate justice on campus and in our community.
- Create an annual climate justice panel event.
- Hold annual EcoFests and Earth Week events.
- Build the Equity Community Inclusion Center.
- Provide local career development opportunities for sustainability and climate justice by including more sustainability-focused institutions at job fairs and creating a job fair dedicated to sustainability.
- Create a climate lounge with community events to connect students, faculty and staff through ongoing collaborations.
- Increase the graduation rate for freshmen and transfer students to 69% and 86%, respectively and close underrepresented minors and Pell gap by 2025. (Graduation Initiative 2025 Goals)

# How We Commute

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We recognize that San Francisco State University is a commuter school and most of our students do not live on campus. This is why we want to provide the best possible transit experience for our students, while being mindful of our greenhouse gas emissions

- Started in fall 2017, the [Gator Pass](#) program is available to all students through their OneCard. Gator Pass provides free, unlimited rides on Muni (excluding cable cars), unlimited rides on SamTrans and 50% discount for your rides on BART to and from Daly City Station during the fall and spring semesters. Gator Pass is funded by student fees, each student pays \$180/semester.
- SF State is currently a participant of the [Clipper BayPass Pilot Program](#). [Clipper BayPass](#) is a regional transit pass that provides unlimited free access to all Bay Area transit systems that use the Clipper system. We currently have 9,000 students enrolled and plan to offer it to all our students very soon!
- We encourage you to bike to campus! SF State strives to be as bike-friendly as possible. We have several biking routes through campus and biking cages to safely store your bike which can be found on the [biking parking and routes map](#). Register for bike cage use and find more about biking on SF State [here](#). Keep your eye out for the new bike lane being installed by the [Lake Merced Quick-Build Project](#) on Lake Merced Blvd!
- SF State is part of the public bicycle sharing system, [Bay Wheels](#) and has several stations on campus where you can rent bike and ride them throughout San Francisco. Find a bike sharing station near you using the [Bay Wheels map](#).
- [Electric vehicle charging stations](#) can be found throughout campus. SF State offers a reduced charging rate of only \$1.00 per hour with no hourly limit for the SF State community. As of 2024, there are 40 charging stations on campus: 4 stations in Lot 2 and 36 stations in Lot 20. All day-pass and semester permit holders can park in these lots.
- We conduct detailed [Campus Transportation Surveys](#) every 3 years. Our latest survey was conducted in May 2023. From our May 2023 survey results, 64% of students, faculty and staff take public transit, bike, walk, or carpool to campus! See below for preliminary results.
- Our Transportation Demand Management (TDM) Plan guides our efforts to shift towards sustainable transportation. [Click here to read the latest TDM Plan](#). The newest TDM plan will be published in 2024.
- SF State's facilities fleet was transitioned to primarily electric vehicles in 2018.

# How You Can Commute to Campus

## Bike

We encourage you to bike to campus! View our [biking parking and routes map](#).

Don't have a bike? No worries, use bike sharing through Bay Wheels! There are four Bay Wheels bike stations near campus (with both regular bikes and e-bikes) and you can pick-up/drop-off the bikes at any Bay Wheels station in the city. Check out the [Bay Wheels map](#) to find a station near you.

## Bus with Muni or SamTrans

Your Gator Pass gives you free, unlimited Muni and SamTrans rides! There are several Muni and SamTrans stops on campus that have routes throughout the peninsula. See the [Muni routes and stops](#) through San Francisco County. See the [SamTrans routes and stops](#) through San Mateo County.

## BART to Daly City

Take BART to the Daly City station for half off with your Gator Pass then take the 28R Muni bus to campus for free with your Gator Pass.

## Electric Vehicle Charging

Driving your electric vehicle to campus? We have charging at a fantastic rate! SF State offers a reduced charging rate of only \$1.00 per hour with no hourly limit for the SF State community. You can find [EV charging stations](#) in: **Lot 2 (4 charging stations) and Lot 20 Parking Garage (36 charging stations)**. All day-pass and semester permit holders can park in these lots.

# Climate Action Goals

- Reduce student drive-alone rate to under 30% by 2030 (currently at 41%) by getting the Clipper BayPass for all students.
- Reduce employee drive-alone rate to under 50% by 2030 (currently at 63%) creating incentives for staff and faculty.
- Increase overall bike and walk to campus to 15% by 2025 (currently at 13%) due to an increase of on campus housing (adding 750 beds) starting in August 2024 and the building of the Lake Merced bike line by the City of San Francisco.
- Transition fleet and grounds equipment to zero emissions, excluding public safety patrol vehicles if necessary, by having no new addition of gas-powered light duty vehicles to the fleet. ([CSU Sustainability Policy](#))

# How We Invest

The San Francisco State University Foundation has committed to socially responsible investing, meaning they weigh the environmental, social and governance impacts of specific investments when deciding what should be a part of an institution's overall portfolio.

The Foundation has also developed a Green Fund for donors interested in investing their long-term or endowed gifts in a carefully screened, socially responsible portfolio with an emphasis on environmental impact. The Green Fund screens the companies they include by a variety of “positive” factors (biodiversity protection, reduced carbon emissions and fair workplace practices, for example) and “negative” factors (avoiding investment in tobacco and civilian firearms, countries or companies with human rights violations or tar sands and coal operations).

## Climate Action Goals

In August 2022, the Foundation updated its Investment Policy Statement for Endowed Funds to include ambitious social justice and sustainability goals. These goals include integrating racial equity in investment strategies, committing to reach net-zero by 2040 and divesting from fossil fuels by 2025.

### *Integrating racial and social justice*

By 2027, the Foundation commits to measurable progress in growing the portfolio's diversity of underrepresented funds and fund managers. They intend on increasing diversity by investing in asset managers owned by women and/or BIPOC (Black, Indigenous and People of Color), or firms or strategies with leadership by women and/or BIPOC.

### *Net-zero carbon emissions by 2040*

By 2040, the Foundation aims for net-zero carbon emissions using the following benchmarks:

- By 2030, the Foundation aims for its endowment's carbon emissions to be 50% less than 2022 levels.
- By 2035, it will aim for a 75% reduction from 2022 levels.
- By 2040, it will aim for a 100% reduction from 2022 levels.

### *Divest in fossil fuel companies by 2025*

The Foundation aims to divest from fossil fuel companies by 2025. In the meantime, no more than 5% of its endowment will be invested in fossil fuel companies.

# How We Learn

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SF State is dedicated to educating our students about sustainability. SF State was an early adopter of a sustainability graduation requirement and offers numerous sustainability-focused academic programs.

- All baccalaureate degrees are required to take at least one Environmental Sustainability (ES) course to meet their General Education requirements, along with Social Justice, Global Perspectives and American Ethnic and Racial Minorities requirements.
- Starting in 2022, SF State offers a Climate Change Certificate. The Climate Change Certificate program gives students a foundational understanding of climate change's causes, effects and solutions so they can take action in their communities. While some of the courses that count toward the certificate are in the sciences, the program is not exclusively for science majors. In fact, the program was designed so that students from any major can take any course — there are few to no prerequisites. It's also open to matriculated and non-matriculated students and students who aren't working toward a specific degree.
- SF State offers 445 sustainability-focused and sustainability-inclusive courses across 78 departments.
- SF State offers several undergraduate and graduate majors with a sustainability focus including environmental studies, earth sciences, urban studies & planning, interdisciplinary marine & estuarine sciences, and more.
- SF State's Romberg Tiburon Campus an extraordinary 53 acre bayside campus on the Tiburon Peninsula in Marin County, California, is an ideal setting for realizing the synergistic and creative potential of these outstanding programs for the region. Access to the water through a deep water port is critical for marine science and education, and a rare asset in SF Bay. Surprisingly, no other institution of higher education has a marine science laboratory located on SF Bay; SF State's is the only one.
- SF State's Sierra Nevada Field Campus immerses students in one of the most beautiful and wild regions of the northern Sierra Nevada as they study connections with the natural environment. The campus allows students of the environmental sciences get hands on experience. Students live at the campus in tents during their enrollment, creating an immersive learning experience. Courses cover a range of disciplines and share a focus on conservation and the natural environment. Courses are open to the public. Courses range from a few days to a week and students may enroll in consecutive sessions.



# Climate Action Goals

- Add sustainability learning outcomes (SLO) to more degree programs.
- Have every student at SFSU take a course in climate justice before they graduate by 2025.
- Add climate justice to 40 courses.
- Graduate 500 students with the Climate Change Certificate by 2027.
- Graduate 60 students with the Climate Justice Education Certificate by 2027.
- Have 100 students serve as Climate Ambassadors on campus by 2027.
- Have 40 students serve as Climate Action Fellows by 2027.
- 40 faculty will have expanded their climate related interdisciplinary research and creative work by 2027.
- 160 faculty will have created new Climate Change curriculum that is grounded in social justice for their courses by 2027.
- Train 30 students as climate justice leaders through formal positions as Climate Justice interns and Climate Change Certificate Steering Committee members.

# How We Operate

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We want to create a healthy, low-carbon lifestyle for our San Francisco State community. Producing no waste, using water conservatively and eating sustainably are just a few of the many ways we strive to make SF State the best environment possible.

## Working Towards Zero Waste

In 2022, San Francisco State University diverted 68% of its waste from landfill by recycling, composting, donating, or re-selling! Our goal is to become a zero waste campus and we are doing all we can to get there as quick as possible.

### 3-Bin Compost, Recycle and Landfill System

SF State has standardized the 3-bin waste system to be outside every building on campus. In order to encourage our community to think about the waste they produce and discourage landfill, we are in the process of getting rid of all stand-alone trash bins and 2-bin systems within buildings. By having only 3-bin systems and minimizing the quantity of them, we hope to reduce the cost of waste collection and have our community sort their waste properly. There are now compost bins in every bathroom on campus so paper towels (along with other compostables like food scraps) are properly composted instead of ending up in the landfill.

### Where Does My Waste Go?

Green bins are compost, blue bins are recycling and black bins are landfill. Here are examples on what goes in each:

- Compost = all food waste (yes even pizza and bones!), wet/dirty cardboard or paper (like pizza boxes or compostable paper plates)
- Recycling = aluminum/metal, glass, paper, cardboard, rigid plastics, juice/milk cartons
- Landfill = soft plastics (like plastic bags, chip bags, candy/bar wrappers), styrofoam, mixed materials, pet poop
- Special handling = batteries, clothes, electronics, furniture, light bulbs

For information on how to recycle and compost, visit [sfrecycles.org](https://sfrecycles.org).

Reduce your personal waste with the [Green Gator Guide](#) by learning how to pick sustainable products and lower your carbon footprint.

## No Single-Use Plastics on Campus

In compliance with [CSU Sustainability Policy](#), SF State is phasing out single use plastic water bottles, plastic straws, polystyrene containers and plastic bags. It is estimated that only 5% of all plastics are actually recycled and the plastics that are recycled are actually "downcycled" -- turned into lesser quality plastics (like park benches) instead of the original product (like water bottles). We want to prevent this waste as much as possible, which is why we are working on building refill infrastructure and encouraging our community to bring their own reusables.

## Water Bottle Filling Stations

SF State has installed water bottle filling stations throughout campus to make it easy to ditch single use plastic bottles. Filtered water is available in almost every building on campus. There are dozens of hydration stations located throughout campus where you can [refill your reusable water bottle](#) for free. In 2021, an additional 50 touchless hydration stations were built for easy and sanitary hands-free use.

## Conserving Water

SF State is committed to responsible use of water and the protection of our regional water resources. With our changing climate dramatically increasing droughts and floods in the Bay Area, we are building climate resilience into our campus by having bioswales absorb excess water, rainwater collection and more.

## Water Conservation

In order to conserve the amount of water we use on campus, we have several programs in place to limit water usage.

- Centrally controlled irrigation systems that optimize watering
- Reduced watering on selected lawns
- Planting drought tolerant and adaptive landscapes
- Replacing old water fixtures with low flow models
- Leak detection and monitoring
- Ongoing education and outreach

## Stormwater Management

SF State also strives to provide protection of San Francisco's stormwater systems by preventing rainfall runoff. Bioswales -- landscape channels that collect and filter rainwater -- are built throughout campus to absorb rainwater and minimizing runoff. Rainwater capture is used for landscape irrigation at the Mashouf Wellness Center and new construction's effect on stormwater surfaces are offset by the rain absorbing landscape.

# Sustainable Food to Fuel Us

## Sustainability in Our Dining Hall

Our on-campus dining hall, City Eats, is run by Sodexo. Sodexo has commitments to reduce their greenhouse gas emissions, fight food waste, promote plant-based options and invest in renewable energy. To meet these goals, City Eats has a 50% plant-based menu with plant-based options at every food station, only uses reusable utensils and dining ware, has reusable to-go containers and is tray-less to reduce washing and encourage students to take less food.

## Gator Grub Alert

Gator Grub Alert is a function of the SF State mobile app where students can sign up to be notified when there is free food on campus. Gator Grub Alert allows Staff & Faculty to post excess catered food after their events allowing students to get a free meal.

## Sol Patch Community Garden

The Sol Patch Community Garden, located behind Mary Park Resident Hall, was created in 2007. The small grove contains seven raised beds, a collection of herbs, native and ornamental plants, composting, fruit trees and more. The goal of the garden has been to offer students a space to practice urban gardening techniques and connect to the earth while providing the campus community with fresh produce. After a two-year hiatus due to the COVID-19 pandemic, the Sol Patch was revived and began delivering produce to Gator Groceries in Spring of 2022. The garden continues to connect different aspects of campus through partnerships and projects.

## Farmers Market

Associated Students hosts a Farmers Market every Thursday from 10am-3pm between the Fine Arts and Humanities buildings. The Farmers Market gives the SF State community the option to make healthy food choices by providing easy access to fresh produce and natural food items, while also supporting local farmers and businesses.

## Gator Groceries

Associated Students Gator Groceries Program understands that food insecurity is NOT a choice and that access to a variety of nutritious food is a human right. Gator Groceries strive to provide programming that promotes awareness about food insecurity and supports food-insecure students in accessing nutritious food so that they may successfully complete and obtain their degrees without the negative health impacts of prolonged food insecurity.

Are you in need? The Food Pantry is open to walk-ins Monday 1-5PM and Tuesday & Wednesday 12-5PM on the dining level of the Cesar Chavez Student Center. What to volunteer? [Sign up here.](#)

# Climate Action Goals

- Achieve AASHE STARS Platinum by 2027.
- Hire zero waste interns to improve the waste minimization and diversion on campus through education campaigns.
- Increase sustainable food procurement by improving our tracking and increasing sustainable food purchases in City Eats.
- Supporting students with healthy eating habits/choices by running educational programs every semester at City Eats, including Earth Month events to promote sustainable eating and living.
- Increasing plant-based food purchases from 24% to 33% in City Eats by 2025 by improved food purchasing tracking.
- Reducing food waste by 5% from baseline in City Eats by 2025 by improved food waste tracking and food recovery.
- Restart the Gator Grub Alert program in 2024 to reduce food waste and offer free food to our students.
- Reduce water consumption by 10% by 2030, as compared to a 2019 baseline, consistent with AB 1668 (California Water Code § 10609).
- Reduce landfill bound waste to 50% of total campus waste by 2030 and divert at least 80% from landfill by 2040 in order to reach the goal of a zero waste campus.
- Eliminate plastic utensils from our contracted food vendors on campus by funding a year-supply to offer to vendors then requiring to purchase compostable or reusable utensils after supply has been used.

# How We Power

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## Renewable Energy

San Francisco State University currently purchases [32% renewable energy](#) through a direct access agreement with [Shell Energy North America](#) and a small portion of the campus uses [PG&E](#). We have a 295 kilowatt solar photovoltaic system on the roof of the of Mashouf Wellness Center, but due to our foggy climate, building additional renewable energy projects on compact roofs has presented many challenges. We are actively working towards purchasing energy from renewable sources that aligns with our budget and other solutions.

## Energy Efficiency

- Despite having several old buildings on campus, our campus has low energy consumption due to our low energy use intensity. Our mild climate allows us to cool buildings passively, avoiding the need for air conditioning and greatly decreasing our energy needs.
- Even with increases in student population and the total square footage of campus buildings, SF State has stabilized its energy consumption.
- SF State has implemented dozens of grant-funded energy efficiency projects, including lighting retrofits in the parking garage, motion sensor-activated LED lighting in offices and lighting system automation.
- All new buildings are required to be LEED Gold certified or higher, which requires stringent energy efficiency.

## Greenhouse Gas Emissions

SF State reduced our greenhouse gas (GHG) emissions to 30% below 1990 levels in January 2020. Due to the Covid-19 pandemic, emissions from 2020-2022 were incredibly low. Now that we are fully back in-person and on campus, our GHG emissions have returned to pre-pandemic levels. While SF State has a relatively low greenhouse gas footprint due to its mild climate and sustainable commute patterns, there is still much work to be done to become a carbon-neutral campus and we are dedicated to reach that goal. SF State conducts regular inventories to ensure we know where we are emitting. Currently, 60% of GHG emissions come from commuting. Find out more about how we are reducing emissions in our transportation in [How We Commute](#).

# Climate Action Goals

- Maintain energy usage as enrollment, on-campus population and building footage grows.
- Reduce greenhouse gas emissions 40% below 1990 levels by 2030 (Presidents' Climate Leadership Commitments). This will be achieved by increasing procurement of renewable energy, renovating older building if funding becomes available, building only LEED Gold new buildings, reducing drive-alone rate and adding electric vehicles stations on campus.
- Reduce facility carbon emissions to 80% below 1990 levels by 2040 in order to achieve carbon neutrality by 2045 in accordance with Statewide mandates.
- Procure 60% of electricity from renewable sources by 2030 consistent with the "100% Clean Energy" bill, SB 100 (PUC§399.11).
- To minimize use of natural gas, we will transition from fossil-fuel sourced equipment to electric equipment as replacements or renovations are needed. There will be no new investment in, or renewal of, natural gas assets or infrastructure as part of campus projects starting July 1, 2035, with the exception of critical academic program needs. (CSU Sustainability Policy)

# Resilience and Adaptation

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Climate change resilience can be defined as "the capacity to prepare for changing conditions, to endure and recover rapidly from disruptions, and to adapt to climate change events, especially when those adaptation strategies substantially reduce greenhouse gas emissions". Planning for resiliency means to clearly define the strengths we already have and what vulnerabilities to address, while taking an intersectional approach that integrates the economic, social, and environmental dimensions of our campus and community.

The need for academic institutions, municipalities, counties, states, and federal agencies to increase resilience to extreme weather events and a changing climate is strikingly evident amongst the communities across California. Recent events such as severe wildfires, high winds, poor air quality, extended heat waves, extreme precipitation events, and longer droughts have reinforced this urgency and compelled leading communities like San Francisco State University to proactively collaborate on the planning and develop actions that mitigate risk and enhance resilience.

In April 2022, SF State partnered with Second Nature and The Nature Conservancy on collaboratively launching a community-based process to assess extreme weather and climate change impacts, and to generate and prioritize solutions that improve resiliency, sustainability, and equity for their community. From this workshop came the [Climate Action & Resiliency Report](#).

## Current Strengths and Assets

- SF State serves as a nexus between the student body and surrounding neighborhoods with growing awareness of opportunities to strengthen the social infrastructure and create feedback mechanisms for SF State to be more responsive.
- Long-standing culture of inclusion at SF State with resources that support a diverse student and staff community coupled with a growing recognition that students are their communities' voices on campus.
- Pandemic resulted in greater resilience in educational delivery methods and approaches via technology and online teaching techniques.
- Hybrid workdays and telecommute schedules for faculty and staff reduces the number of vehicles on street in and around campus and has been shown to increase work productivity.
- [Food+Shelter+Success](#) provides basic needs on an ongoing basis, which can provide emergency housing and food to students during climate emergency situations.
- Our new buildings, like our new Science building, are being built with renewable energy microgrid to replace diesel generators for emergency power.
- We are currently building two on-campus residence halls to further strengthen our community.



- Checkout the [California State University Climate Resilience Framework](#), which outlines the resilience plan for the whole CSU system.

## Climate Hazards & Impacts

*Main Hazards for SF State Campuses: Holloway, Tiburon, Sierra Nevada*

1. Severe droughts
2. Wildfires and its impacts on air quality
3. Extreme precipitation events resulting in flooding

### **Additional Hazards for Tiburon Campus**

1. Sea level rise increasing coastal erosion
2. Landslides

### **Additional Hazards for Sierra Nevada Campus**

1. Extreme temperatures

Check out San Francisco's [Hazards and Climate Resilience Plan](#) to find which areas are most vulnerable to climate disasters and how the City of San Francisco plans to address the impacts of natural hazards and climate change on our assets and our people.

Want to understand how climate change is affecting where you live? Explore [Cal-Adapt](#) to understand the historical and predicted climate impacts in your area.

Read [California's Climate Change Assessment](#) to understand climate-related vulnerability in California and see resilience actions that need to be taken.

Climate Change Hazards	Climate Change Impacts	Additional Exacerbating Factors
<ul style="list-style-type: none"> <li>• Drought</li> <li>• Rainfall flooding</li> <li>• Extreme heat</li> <li>• Extreme cold</li> <li>• Sea level rise &amp; coastal erosion</li> <li>• Severe storms</li> <li>• High winds</li> </ul>	<ul style="list-style-type: none"> <li>• Wildfire</li> <li>• Poor air quality</li> <li>• Power outage</li> <li>• Landslide</li> <li>• Storm surge</li> <li>• Infrastructure failure</li> <li>• Water insecurity</li> <li>• Disease outbreak</li> <li>• Invasive species</li> <li>• Loss of biodiversity</li> </ul>	<ul style="list-style-type: none"> <li>• Displaced populations &amp; migrants</li> <li>• Drug/alcohol abuse</li> <li>• Economic inequality</li> <li>• Economic crisis</li> <li>• Food insecurity</li> <li>• Hazardous material accident</li> <li>• Homelessness</li> <li>• Inadequate educational systems</li> <li>• Inadequate health systems</li> <li>• Inadequate infrastructure</li> </ul>

# Climate Action Goals

Climate emergencies are defined as large-scale, climate-related events and their impacts including events such as wildfires and the poor quality it produces and superstorms and the flooding that results.

- Increase students' ability to continue learning during climate emergencies by following procedures in the updated Continuity plan.
- Strengthen campus emergency operations and response by increasing preventative measures, increasing education for climate emergencies, and providing emergency housing and food to SF State community during climate emergency situations.
- Support preventive measures for climate emergencies by creating a resilient community before a disaster strikes.
  - Implement a campus wide Gator Health Awareness campaign with a focus on mental health and basic needs.
  - Support and integrate programs and resources to address access to housing, food, and economic stability for students.
- Increase sense of community and engagement to streamline communication and assist each other in times of a crisis by expanding on-campus housing and population and increasing outreach and education on campus that emergency management.
- Add renewable energy microgrid on new buildings for emergency power.
- Maintaining the Resilient Southwest San Francisco to create community strategy to prepare for emergencies in our area.
- Create a relationship with California Emergency Response Corps by have a 10-month fellowship position in the Office of Emergency Services.

# Governance and Accountability

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Achieving success with our Climate Action Plan requires extensive collaboration between many offices and departments within San Francisco State University and the California State University system. The Climate Action Plan should be viewed as a living document. It will evolve overtime as we improve and update our goals and objectives to strengthen our climate action strategy. We will also continue to establish clear, measurable targets for our goals so we can assure transparency and accountability.

## Collaboration

Many departments on campus contribute to developing and implementing our Climate Action Plan.

- [Associated Students](#)
- [Capital Planning, Design and Construction](#)
- [Climate HQ](#)
- [Dining Services](#)
- [Enterprise Risk Management](#)
- [Environmental Resource Center](#)
- [Equity & Community Inclusion](#)
- [Facilities](#)
- [Food+Shelter+Success](#)
- [Health Promotion & Wellness](#)
- [Office of Emergency Services](#)
- [Office of Sustainability](#)
- [Parking & Transportation](#)
- [San Francisco State University Foundation](#)
- [School of the Environment](#)
- [Student Success](#)

## Coordination

We have several committees on campus comprised of faculty, staff and students to help guide our sustainability decisions.

### Climate Justice Leadership Committee:

CJLI was created to cultivate San Francisco State University's exceptionally diverse students, staff and faculty to become equity-minded climate justice leaders while advancing the economic interests of California. The CJLI is a collaborative, interdisciplinary, campus wide set of initiatives that build student, faculty, staff and community leadership across campus.

### All-University Committee on Sustainability:

The All-University Committee on Sustainability will assist the University in monitoring its relationship with the environment and in establishing sustainability as a fundamental

consideration in meeting the varied and complex needs of our growing campus. The committee will encourage campus improvements in sustainability by identifying and promoting, as appropriate, private sector and higher education institutional best practices and new sustainability technologies. The committee will work with University administrative, academic and academic support units as well as faculty, students, staff and administrators to stimulate discussion and ideas to facilitate the adoption of practices, policies and projects designed to improve the future environmental, social and economic sustainability of the campus community.

#### Transportation Demand Management Committee:

The All-University Committee on Sustainability will assist the University in monitoring its relationship with the environment and in establishing sustainability as a fundamental considering with the University's Sustainability Committee to further the University's commitment to reducing greenhouse gas emissions related to commuting and other forms of travel, as appropriate; 2) Identifying opportunities to improve pedestrian, bicycling, transit and other non-single occupancy vehicle commute modes and overcome barriers to their use; 3) Establishing goals and strategies in tandem with the TDM plan for reducing carbon emissions related to commuting.

#### Climate Change Faculty Learning Communities:

Modeled on CEETL's Teaching Squares, these FLCs will focus on providing space and time for faculty members to discuss and plan around climate justice pedagogy. FLCs meet regularly throughout the semester to support each other and share best practices for teaching and learning focused on climate justice pedagogies.

### Planning

Our new [Strategic Plan](#) highlights sustainability and social justice as main tenets for the University, including include increasing classes that incorporate sustainability along with their tracking and advertisement.

SF State has created several plans and guidelines that incorporate sustainability in our campus. Scroll down to view them!

### California State University System

Along with the policies SF State creates for itself, we also follow the policies of the California State University system. The CSU have several policies that are required for all 23 campuses of the CSU to follow, including SF State. Many of these policies relate to sustainability such as the [Single-Use Plastics Policy](#) which was adopted in December 2018. This policy requires campuses to completely phase out the use of specified single-use plastic waste products -- including plastic straws, single-use plastic bags, single-use polystyrene (e.g. STYROFOAM™) food service items and single-use plastic water bottles -- by January 1st, 2023. THE CSU also has a [Sustainability Policy](#) which SF State's climate action goes heavily reflect.