



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

Salisbury University



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www.salisbury.edu/sustain
Higher Education
Member since July 2009

Management and Leadership

Environmental Team

Membership for the University Sustainability Committee (USC) is comprised of students, faculty, and staff. The USC meets four times per year and is charged to develop and maintain a sustainability program that promotes the use of environmentally sound development and management practices campuswide and incorporates sustainability into instruction. The USC also serves to advise the President and Executive Staff on sustainability matters and assure that the campus meets the objectives and commitments of the "American College and University Presidents' Climate Commitment that was signed by President Janet Dudley-Eshbach and which became effective January 2, 2008. SU also has a faculty-led University Academic Sustainability Committee (UASC) and a Student Government Association sustainability team which includes a vice president of sustainability. All committees include cross-membership and information is shared with the USC.

Annual Environmental Goals

In 2010, the USC developed a comprehensive Climate Action Plan (CAP) which included input from students, faculty and staff and vetted to the campus community. The CAP established a timeframe of 2050 for a net of zero greenhouse gas emissions. The CAP includes goals for target reductions in all areas of campus operations, education and residence life. The CAP was updated in 2014 and goals were revisited and, in some cases, reset. Salisbury University reviews carbon footprint calculations annually to remain on-track. The carbon

footprint data demonstrates that SU remains on track for the overall goal of climate neutral in 2050.

Environmentally Preferable Products and Services

In 2012, SU dining services replaced an aging dishwashing system with an energy and water efficient alternative. The new system uses 30% less energy and water than the previous system. In addition, the new system collects, shreds and de-waters food waste making it ideal for composting.

Other changes to dining services include: paper napkin and condiment dispensers which reduce waste, replacement of paper coffee cups with reusable ceramic cups, expanded vegan and vegetarian menu selections, fair trade coffee, and local produce.

In FY16, students voted to go “trayless” in the main dining area, the Commons. The conversion effort required lighter and more durable dishware, redesigned layout and an education program. The trayless initiative has substantially reduced food waste and operational savings are helping to offset the cost for the replacement dishware.

Environmentally Preferable Purchasing

Salisbury University (SU) has adopted a policy to procure Energy Star certified appliances and products where those exist and where the purchase is financially possible and practical. Paper purchased for campus printing has a minimum of 30% recycled content.

Departments are encouraged to purchase green products from Maryland vendors (<http://www.salisbury.edu/sustain/programs/greenpurchasing.html>).

At commencement, students now wear caps and gowns made from recycled plastic bottles and are given the option to recycle them again after the ceremony.

Environmental Restoration or Community Environmental Projects

Coordinated by the Student Government Association, SU students started a "We Love Salisbury" project which includes mentoring, charitable fundraisers, food drives and neighborhood cleanup projects. The Ward Museum sponsors environmental education projects including: building bat houses, building rainbarrels, birdwatching trips and marsh walks.

Faculty in the Biology department are developing a field laboratory to demonstrate Sustainable initiatives including composting, organic gardening and renewable energy. Environmental Studies faculty and SU students maintain an organic vegetable garden with a self-watering wildlife garden to attract insects and small animals. Each year, SU Environmental Psychology students build and install bluebird boxes at Pemberton Historical Park in Salisbury. The University also partners with local organizations such as the Wicomico Environmental Trust to provide sustainable programs on campus and in the community.

The Student Government Association and University Sustainability Committee sponsored an event entitled “Earth Week” which included a recycling competition entitled “Recycle Madness”, an environmental film, a smart growth presentation, and a celebration with educational information from student organizations and student project presentations.

Students voted to establish a student fee for a Green Fund. The Green Fund supports student grant requests for sustainability projects and programs while working with faculty or staff. The projects under the Green Fund include educational outreach, sustainability events, research, gardens / paths, and energy efficiency initiatives.

Waste



Solid Waste Reduction and Reuse

The Grounds department is responsible for solid waste disposal and recycling on campus. In FY17, Grounds started a single stream collection process for recycling which expanded the types of materials collected for recycling. Grounds has worked to promote the new program to students, faculty, and staff. The single stream approach to recycling has been responsible for minimizing solid waste growth.

The Housing department encourages student residents to transport their belongings in reusable containers instead of cardboard or new packaging. This initiative has significantly reduced solid waste materials during move-in and move-out. The warehouse operations for the campus operates a surplus furniture and equipment “store” which is available to university departments without cost. In addition, some large or bulk quantity equipment is sent to Terrapin Trader for resale/reuse instead of disposal.

Recycling

Salisbury University has established a recycling goal for construction waste from all new construction and major renovation projects of a minimum of 75%. This goal has been met by all projects to date and some have been as high as 100%.

Each year, students participate in "RecycleMania" and recycle paper, glass, aluminum, cardboard and plastic. SU students also developed their own competition for student organizations called "Recycle Madness" where student organizations recycle any recyclable product. Last year, 7 tons of materials were recycled in the one-day event. Overall, SU's recycling rate has hit an all-time high with 54% or 756 tons of materials.

Hazardous Waste/Toxic Use Reduction

SU has worked with the science departments to replace toxic chemicals with less toxic or non-toxic alternatives wherever possible. As a result, hazardous waste pickups have been reduced significantly from earlier years. In addition, housekeeping is replacing harsh chemicals with green alternatives. The paint departments have replaced solvent-based paints with water-based alternatives for better indoor air quality and disposal reasons.

Energy

Energy Efficiency

In 2008, PEPCO Energy Services completed a campuswide initiative which included replacing tens of thousands of lighting fixtures and bulbs with energy efficient fixtures / bulbs, upgrading/replacing HVAC mechanical equipment in 14 buildings, water conservation retrofits, and sealing building envelopes. The savings for these measures was guaranteed as \$331,378 for 2009. The first three years delivered verified savings which were double the guaranteed amount.

A comprehensive housing renovation project was completed for the campus between 2009 and 2014. Under this program, building mechanical systems were upgraded or replaced for improved energy efficiency and geothermal systems were installed in three residence halls (Wicomico Hall, Manokin Hall and Nanticoke Hall) and in a museum in Perdue Hall. The geothermal systems have demonstrated a 29% annual energy savings over a traditional chiller/boiler system which was installed in 2009.

Salisbury University continues to install LED lighting fixtures and occupant controls in many campus buildings and exterior LED lighting on buildings, walkways and parking lots. Other high efficiency projects include HVAC equipment, variable frequency drives, and other appliances. Funding support has been provided through the Delmarva Power Energy Savings Incentive Program.

Renewable Energy

Salisbury University installed a solar hot water system in Nanticoke residence hall as a domestic hot water source for the entire building.

SU purchases renewable energy credits (RECs) each year to offset emissions from electricity consumption. Last year approximately 15.6 percent of the total electricity consumption was from renewable sources in accordance with the RPS requirements. In addition, a total of 11 million kWh of voluntary RECs were purchased, which equates to more than 50% of electricity from renewable sources.

In the summer of 2017, a solar parking canopy was constructed on Lot H which is located along West College Avenue. The canopy will generate 765,000 kWh annually and includes 5 electric vehicle car charging stations.

<http://kiosk.datareadings.com/Tyw0EBVv/overview>

Transportation

Employee Commute

SU maintains an online ride sharing program called "Gull Ride" which is available to SU students, faculty and staff. The web-based program provides a process for carpooling, shared travel, as well as encouraging walking and cycling companions. The website for the Gull Ride program is

<http://www.salisbury.edu/sustain/campus/transportation.html#gullride>.

SU offers free shuttle buses for SU students, staff and faculty who live in nearby communities. Students, staff and faculty are also able to ride the Shore transit buses to destinations further from the campus. For cyclists, there are a variety of support services available including showers, covered bike storage, bike repair stations, and a bike share program.

Efficient Business Travel

All departments are encouraged to carpool or vanpool to events whenever possible. In addition, all departments now have the ability to

teleconference, as needed. Many classes are equipped to record and offer distance learning.

Fleet Vehicles

SU has hybrid vehicles and other high fuel efficiency vehicles in the fleet vehicles. Electric utility vehicles are used for a variety of department needs.

Water

Water Conservation

Salisbury University completed a facility-wide low-flow plumbing fixture replacement program and Energy Star laundry upgrade which yielded annual reduction of water consumption of more than 11 million gallons and a significant reduction in demand on our municipal water supply.

Stormwater Management and Site Design

SU has incorporated on-site management of stormwater in all projects since 2009. Notably, the Academic Commons includes a green roof which covers approximately 10,000 square feet and is among the first on the eastern shore. The collection areas for the stormwater are planted with native species and pollinator species. The amount of pervious surface and greenspace has increased steadily since 2008.

Green Building

LEED Certified

LEED Silver

- 1) *Teacher Education and Technology Center (owned) - under the New Construction rating system*
- 2) *Sea Gull Square (owned) - under the New Construction rating system*
- 3) *Choptank Hall (owned) - under the New Construction rating system*
- 4) *Chester Hall (owned) - under the New Construction rating system*
- 5) *Sea Gull Stadium (owned) - under the New Construction rating system*

LEED Gold

- 1) *Wicomico Hall (owned) - under the New Construction rating system*
- 2) *Manokin Hall (owned) - under the New Construction rating system*

- 3) *Pocomoke Hall (owned) - under the New Construction rating system*
- 4) *Nanticoke Hall (owned) - under the new Construction rating system*
- 5) *Perdue Hall (owned) - under the New Construction rating system*
- 6) *Guerrieri Academic Commons (owned) - under the New Construction rating system*

Profile Updated September 2017



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at green.maryland.gov

