



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.

Frostburg State University



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Higher Education
Member since September 2009

Management and Leadership

Environmental Team

FSU's Living Green Learning Green committee was established to create FSU's Climate Action Plan. This plan was submitted to the Association for the Advancement for Sustainability in Higher Education (AASHE) on 9/15/09.

FSU's President's Advisory Council for Sustainability, a new council within the formal FSU governance system, was established in 2013 and began meeting in 2014 to advise the President and assist with coordinating campus sustainability efforts.

Environmental Policy Statement

*FSU's statement is shown in the FSU Climate Action Plan. See link:
<http://www.frostburg.edu/lglg/cap.htm>*

Annual Goals

*FSU's goals are shown in FSU Climate Action Plan. See link:
<http://www.frostburg.edu/lqlq/cap.htm>*

Environmentally Preferable Products and Services

FSU offers and continues to develop an interdisciplinary Minor in Sustainability Studies with faculty members from Geography, Biology, English, Psychology, Philosophy, Business and Sociology offering courses and serving on the steering committee.

Environmentally Preferable Purchasing

FSU's Living Green Learning Green Committee created an Energy Star Appliance purchase requirement for the University.

Environmental Restoration or Community Environmental Projects

FSU has been designated "Tree Campus USA" for two years in a row (2013, 2014) for its commitment to effective urban forest management.

FSU obtained a Chesapeake Bay Grant to perform tree plantings on campus.

Frostburg Grows - FSU provides staff support and technical expertise for this innovative project that includes a tree nursery, composting, local food production and training center, solar energy, experiential education and more, on a former coal mine site. Trees from the nursery will go for reclamation of mined lands, stream buffer plantings and similar efforts for species conservation, water quality and carbon sequestration.

Waste

Recycling

FSU has an intensive recycling program which generated 445 tons of recycled material in 2013. This is documented in our annual All Star Recycling Survey which was submitted to the MD Department of the Environment. The cost saving on the waste disposal fees on these recycled items for 2013 is \$23,585.00.

Composting

FSU has just begun operation of a "Rocket" model A900 in vessel composter. With this system we will divert pre and post-consumer food waste from the landfill significantly decreasing the energy used and costs associated with the transport and disposal of food waste. We also will have mulch that may

be used on campus gardens. Since we are in the process of implementing the use of the "Rocket" we do not have diversion totals at this time.

Energy

Energy Efficiency

FSU performs various efficient lighting projects on campus annually. The campus library was retrofitted with T8 28 watt lamps and new ballasts for a savings of \$17,000.00/year in energy or 45.6KW/yr. These lamps replaced existing 32W lamps and old less efficient ballasts.

FSU recently changed the stage lighting in the campus performing arts building to more efficient lighting that is uses 410 kW less energy.

FSU is in the process of installing campus wide new "Energy Star" clothes washers and dryers that are projected to save 2404 kWh each year going forward.

Eight hundred incandescent bulb exit signs have been replaced with energy efficient LED exit signs.

As roofs are being replaced on campus buildings, additional insulation is being used to reduce heating costs.

Water

Water Conservation

FSU installed low flow shower heads throughout campus. In the first calendar quarter, FSU saved over \$17,000 and continues to save.

FSU is in the process of installing campus wide new "Energy Star" clothes washers and dryers that are projected to save 264,298 gallons of water each year going forward.

Storm Water Management and Site Design

FSU is working with the Allegheny Soil Conservation Service through a Chesapeake Bay Grant to create a large SWM pond that will treat a portion of runoff from the City of Frostburg and the Campus of FSU.

FSU is also installing two additional SWM facilities on campus next spring/summer. One will treat the runoff water created by the new football field bleachers and the other facility will treat the water coming from half of the "Street" Parking Lot. The other half of the runoff water from the "Street Lot" will be treated by the SWM pond developed from the project listed above.

Green Building

LEED Gold

FSU has renovated the student union to the standards of the LEED Gold Rating System for Existing Buildings.

FSU is currently building a new CCIT (Center for Communication and Information Technology) building that will be rated as LEED Gold.

LEED Platinum

FSU has just dedicated the new SERF (Sustainable Energy Research Facility) that will operate totally off the grid. It will use solar PV, solar hot water, hydrogen and wind to heat, cool and light the structure. FSU is attempting to gain LEED Platinum for this structure.

Environmental Certification Programs, Awards, and Other Activities

- FSU won a Climate Leadership Award in 2011. FSU and Frostburg Grows won a Maryland Sustainable Growth Award in 2014. FSU and Frostburg Grows are currently finalists for a Climate Leadership Award in 2014.*

Profile Updated March 2015



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

Learn more at green.maryland.gov

