

Broward County Sustainability Update

Broward Climate Change Task Force
August 19, 2022

NATURAL RESOURCES DIVISION

[BROWARD.ORG/NATURALRESOURCES](https://www.broward.org/naturalresources)



CCAP GOAL 93. Expand renewable energy.

Promote solar adoption in the community, including the development of additional financing mechanisms.

- **Broward Solar Co-op** launched July 14, 2022, closes late-November
- Reached member goal
- Promoting workshops on County digital displays (airport, county TVs), social media platforms, e-newsletters and websites

GO SOLAR

Broward County has set goals in expanding the use of renewable energy. Here in South Florida, renewable energy is a key focus.

2022 Broward County Solar Co-op

Broward County supports the Solar Co-op as one of its strategies for reaching its 2020 Climate Action Plan. With the help of the non-profit Solar United Neighbors (SUN), the co-op supports residents and small businesses going solar.

Learn more, register for a webinar, and sign up (opens July 14) for the 2022 solar co-op for free at SolarUnited.com. The bidding process facilitated by SUN, co-op members will select a single solar company to complete the installation. Instead, members will have the option to individually purchase panels and electrical.

The past 4 Broward Solar Co-ops resulted in 1.4 MW installed capacity, \$2.9 million of economic investment, 22.2 jobs created, and 47 million pounds of lifetime carbon offset.

SOLAR UNITED NEIGHBORS

Go Solar ▾ Learn ▾ Take Action ▾ Membership ▾ About ▾ Events [Donate](#) 🔍

OPEN TO NEW MEMBERS

Broward 2022 Solar Co-op

Residents and small businesses of Broward County are eligible to join this co-op.

154 members OF 150 MEMBER GOAL

3 months left to join the co-op

[JOIN THE CO-OP](#)

📅 Co-op closes to new members on November 30, 2022

CO-OP UPDATES (2) EVENTS INSTALLERS

Imagine walking into a solar company's office with 50 or 100 of your neighbors and saying, "We all want to get solar. What kind of deal can you give us?"

CO-OP ORGANIZER

Laura Tellez
South Florida Program Coordinator
Solar United Neighbors

CCAP GOAL 93. Expand renewable energy.

Promote solar adoption in the community, including the development of additional financing mechanisms; continue support for the Solar Co-op program to reduce the energy burden for residents.



SUSTAINABLE ENERGY AND WATER USE

Nearly half of Broward County's Communitywide Greenhouse Gas Emissions come from electricity use by residential, commercial, and industrial users. This electricity primarily comes from the burning of fossil fuels like natural gas and coal. P

amount
as a re
system
also he

Incentives and Financing Available for Energy and Water Efficiency Upgrades

FPL offers [residents](#) and [businesses](#) no-cost energy usage evaluations and recommendations to help get you started on making your building more energy efficient. They also offer [residential](#) and [commercial](#) customers rebates for energy saving upgrades. Property Assessed Clean Energy (PACE) program is a financing option for energy efficiency and conservation projects available to both homeowners and business owners in Broward County. Qualifying improvements include rooftop solar panels, solar water heater, energy efficient air conditioning unit, cool roof, impact windows, insulation, and more. Learn more about [PACE financing](#).

The non-profit [Solar and Energy Loan Fund \(SELF\)](#) is an independent, non-profit, community-based lending organization focused on financing home renovations that promote energy efficiency, clean energy alternatives, storm protection, water conservation, and disability products. Learn more about [SELF financing](#).

The Broward Water Partnership's [Conservation Pays](#) Program offers toilet rebates for qualifying residents, businesses and nonprofits. BWP also offers eligible residents water-efficient showerheads and low-flow faucet aerators. Commercial kitchens can get pre-rinse spray valves. Learn more about [Broward's Water Conservation Programs](#).

PACE Broward

By The Numbers thru 6/2022

<p>24,769 </p> <p>PACE</p> <p>Projects Completed</p>	<p>\$571,255,370</p> <p></p> <p>Financed</p> <p>Enough Energy Saved to Power</p> <p>10,013</p> <p></p> <p>Homes</p> <p style="font-size: x-small;">*Based on FPL \$.1025 kWh rate</p>	<p> Funds Used for Hurricane Protection</p> <p>12,737 kW</p> <p></p> <p>Solar Capacity Installed</p>
---	--	--

Low-Interest Rate Home Improvement Loans

AIR CONDITIONERS / ROOFS / SOLAR ENERGY / WINDOWS & DOORS
HURRICANE SHUTTERS / WATER & SEWER / AND MUCH MORE!

NO MINIMUM CREDIT SCORE • NO INCOME LIMITS • INTEREST RATES STARTING AT 5%

LOAN PROGRAMS AVAILABLE IN FLORIDA,
GEORGIA, ALABAMA & SOUTH CAROLINA

Apply Now!

SolarEnergyLoanFund.org
or call 813.213.3856

CCAP GOAL 20. Educate the community on climate change.

Develop and deploy curricula and programs for public schools.

- **BCPS/Broward County Environmental Partnership Agreement** approved by School Board in July 2022
- Natural Resources Division Program Team of 2.5 FTEs will provide
 - In-person environmental education presentations for all BCPS classrooms
 - School irrigation system evaluations for H₂O conservation
 - Teacher & Custodial Staff Training
 - Lesson plan, curriculum technical assistance & resources
 - Recognition & Certification
 - Youth Climate Summit
 - Water Matters Day
 - Regional Compact Summit



Environmental Events!

SAVE THE DATE

- AUGUST 2022-APRIL 2023**
Clean Air Calendar Poster Contest
broward.org/Kids/Pages/KidsClubContests.aspx
- SEPTEMBER 17, 2022**
International Coastal Cleanup
coastalcleanup@broward.org
- OCTOBER 2022**
P₃ Eco-Challenge Applications Open
browardschools.com/p3
- DECEMBER 8-9, 2022**
Southeast FL Regional Climate Summit
broward.org/climate
- JANUARY 2023**
Broward Youth Climate Summit
browardschools.com/youthclimatesummit
- FEBRUARY 2023**
SE Regional Envirothon Competition (HS)
browardschools.com/Page/70178
- MARCH 4, 2023**
MIASF Waterway Cleanup
waterwaycleanup.org
- MARCH 11, 2023**
Water Matters Day & Tree Giveaway
watermatters.broward.org

DATES COMING SOON
Earth Month; Clean Air Month; P₃ Ceremony; Summer Teacher Habitat Steward Workshop

SIGNUP FOR OUR NEWSLETTERS

- ☑ Volunteer Opportunities
- ☑ Speakers for Virtual & In-Person Classes, Career Days and Trainings
- ☑ Green Initiatives Recognition & Certification
- ☑ Technical Assistance & Resources

STAY IN TOUCH

- Air Outreach**
airoutreach@broward.org
- Marine Resources**
coastalcleanup@broward.org
- Sustainability**
gogreen@broward.org
- Water Conservation/NatureScape**
naturescape@broward.org

[BrowardCountyEnvironment](#)
[BrowardEnvironment](#)
[BrowardEnv](#)



Broward Environment
Published by Hootsuite · 5d ·

Welcome back, teachers! From now until 7pm, check out the Broward County Public Schools Teacher Resource Fair. Broward County's Natural Resources Division, Broward County Transit, Broward County Parks, and more will be sharing educational resources and opportunities for your classrooms and/or students.

.... See more



Broward County Transit



Broward County Public Schools
Established 1915

ABOUT US | ACADEMICS | DIRECTORY | SCHOOL BOARD | COMMUNITY | CAREERS | CONTACT US

Home » BCPS Departments » Applied Learning (Specials & Electives) » STEM » Computer Science » What is STEM

STEM+Computer Science and Environmental Programs

S.T.E.M.
Computer Science
Environmental Stewardship
Engineering & Robotics

[@BrowardSTEM](#) browardschools.com/stem

Welcome to the 2022-23 school year! See upcoming events in STEM+CS Fall 2022. Don't forget to submit your Summer challenge to our STEM+CS Challenge!

CONTACT INFORMATION

Applied Learning: STEM+Computer Science
600 SE Third Avenue
P.O. Lauderdale, Florida 33301
Phone: 754-321-1880
Dr. Lisa V. Milenkovic
Supervisor

CCAP GOAL 20. Educate the community on climate change; CCAP GOAL 29. Engage and educate private sector stakeholders and community members about resilience strategies for built, natural and social environment.

- Southeast Florida Clean Cities Coalition Drive Green Fleet Expo
- Citizen Science Ambient Air Monitoring Pilot Programs at BCPS Schools
- Habitat Stewards Teacher Training
- City of Sunrise Garden for Wildlife
- NatureScape presentations for S. FL Aquatic Plant Mgt. Society, for Equality Garden Club, Landscape Inspectors Association of FL
- Sustainability Stewards of Broward Monthly e-Newsletter



Heat season doesn't end until October 31st! What policies and programs can we work on together to make a more Extreme Heat Resilient Broward? Check out the [Heat in a Changing Climate SSB Workshop slide deck](#) and [Beat the Heat Storymap](#) for resources and let's keep the conversation going!

SOLAR UNITED NEIGHBORS
Join the Broward Solar Co-op 2022!
 Save money & stress by going solar in a group.
[BIT.LY/BROWARDSUN](https://bit.ly/BrowardSun)



We've teamed up with Solar United Neighbors to help spread the word on how solar works and what it takes to go solar. The [Broward Solar Co-op 2022](#) is free to join and they will be holding Florida Solar 101 workshops in August and September. [Learn more about going solar in Broward.](#)

IN CASE YOU MISSED IT

The world's first named heat wave, Zoe, hit Seville, Spain last week, pushing temperatures past 110 degrees Fahrenheit and earning the most severe tier in the city's new heat wave ranking system. [Learn more.](#)



Registration for The Climate Program Portal (CPP) is now open. The CPP is a resource for organizations and public agencies tracking federal investments in climate initiatives. If you register with a .gov address you should be

CCAP GOAL 107. Continue local water conservation.

Continue the coordination and delivery of local water conservation programs and activities.


- Broward Water Partnership provides toilet rebates and water efficiency kits to partner communities
- Smart Irrigation Month (July) Weekly Social Media Posts
- NatureScape Broward Irrigation Service Assessments and System Upgrade Rebates
 - Improve irrigation zones
 - Upgrade mechanical to digital weather-based
 - Mix & Match

We're watching your next move. Go ahead, get a \$100 rebate for a WaterSense toilet.





ConservationPays.com

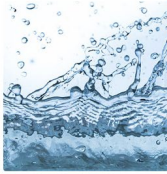
Broward WWS	Coconut Creek	Cooper City
Coral Springs	Davie	Deerfield Beach
Fort Lauderdale	Hallandale	Hollywood
Miramar	Lauderhill	Margate
Sunrise	Pembroke Pines	Plantation




Get a Rebate
Get up to \$100 rebate for a WaterSense high-efficiency model.



Water Whiz
Education tools for teachers and parents.



There's More
There's always more to know.



About Us
We're a collaboration of local governments.

FAQs
Everything You Could Possibly Want to Know About High-Efficiency Toilets and Other Water-Saving Devices.


High-Efficiency Toilet

What is a high-efficiency toilet, or HET?	+
Can I receive a rebate on a high-efficiency dual flush toilet?	+

SMART IRRIGATION TIP

Seasonal Adjustment

Be aware that time of year affects the growth rate and water demand of your landscape - schedule watering accordingly.



Broward County Florida



Broward County is offering rebates to upgrade your home irrigation system!

Apply: Broward.org/IrrigationRebate




CCAP GOAL 23. Educate and prepare for public health impacts;
CCAP GOAL 29. Engage and educate private sector stakeholders and community members about resilience strategies for built, natural and social environment

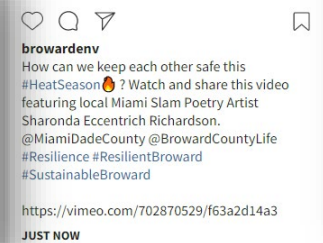
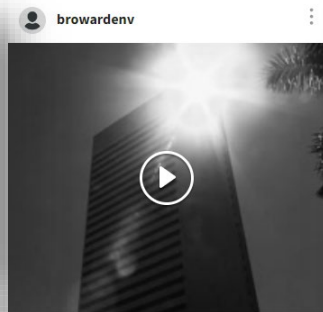
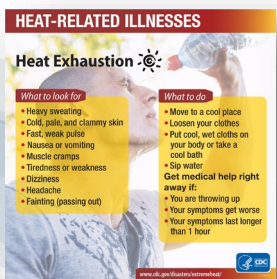
- June/July Weekly **Heat Risk** social media posts
 - Centers for Disease Control & Prevention
 - Ready.gov (Dept. of Homeland Security)
 - Adrienne Arsht-Rockefeller Foundation Resilience Center
 - Miami-Dade County Climate & Heat Health Task Force

- Also shared **OSHA-NIOSH Heat Safety Tool App** on County TVs and internal and external e-newsletters



➤ July 28 **Sustainability Stewards of Broward (SSB) Workshop on Heat in a Changing Climate**

- Speakers included Miami-Dade County’s Chief Heat Officer, Broward County’s Chief Resilience Officer and Assistant Director of Emergency Management, and the City of Fort Lauderdale’s Sustainability Manager
- Broward County’s Resilience Unit presented newly created *Beat the Heat Broward GIS Storymap* that includes Broward-specific temperature trends and vulnerability hot spots
- Workshop participants included representatives from City of Fort Lauderdale, Town of Davie, Wilton Manors, Miami-Dade County, Palm Beach County, Florida Department of Transportation-District 4, Solar United Neighbors, The CLEO Institute, as well as Broward County staff from Emergency Management, Natural Resources, Public Works, Urban Planning, Solid Waste & Recycling, and Transportation departments.





BROWARD COUNTY **NATURAL RESOURCES**



BrowardCountyEnvironment



BrowardEnv



BrowardEnv



BrowardEnvironment