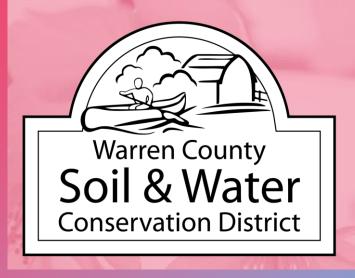
Solar Pollinator Habitat Discovery Trail

...a collaborative effort





Why solar and pollinators?

Sustainability is a multi-pronged challenge

 Site was originally a bluebird trail with many pollinator plant species present

 When solar panels were installed, did not want to lose the biologically active integrity of the site



The solar array



In March of 2019, the 275.6kW, 745 panel solar array came online. The common goal was to power the park while bringing awareness to the public on use of renewable energy and reducing carbon emissions. The array supplies power to the entire park including the pavilion, golf clubhouse, ball fields and park shelters.

- To further the effort in conservation, Rocknoll
 Energy collaborated with Ohio Pollinator Habitat
 Initiative on the design to allow for a native plant
 habitat to be planted under and around the array to attract pollinators.
- The wildflower habitat attracts multiple species of butterflies and bees making this a prime place to pollinate. This collaboration supplies the Warren County Park community an educational tool, sustainability and fixed energy cost through the tool of a PPA that Rocknoll Energy facilitated.















Building on the educational components...

- OEEF grant from OEPA was awarded to install the Solar Pollinator Habitat Discovery Trail
- The Discovery Trail features seven interactive learning stations along the mowed path that share the science of pollinators and solar power.

Planning and partnership...

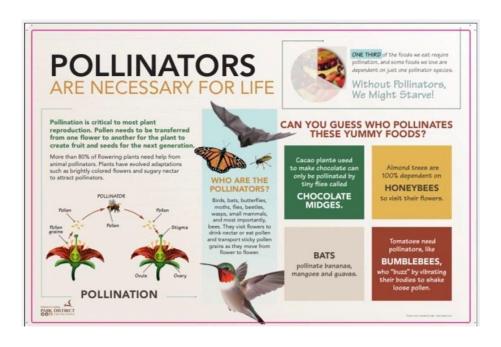




Interactive signage: content created by educators and designed by a hired graphic designer

POLLINATORS ARE NECESSARY FOR LIFE

WHO ARE POLLINATORS AND WHY ARE THEY SO IMPORTANT TO US?



HELPING POLLINATORS AT HOME
WHAT CAN YOU DO TO HELP MAKE YOUR
YARD AND GARDEN WELCOMING TO
ENDANGERED POLLINATORS?



THE GREAT MONARCH MIGRATION LEARN HOW THOSE BEAUTIFUL SUMMER BUTTERFLIES TRAVEL THOUSANDS OF MILES EACH YEAR



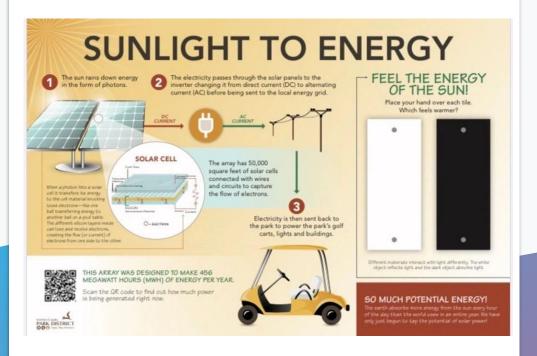
SOLAR POWER + POLLINATOR HABITAT

WHY DID WE PLANT FLOWERS UNDER THE SOLAR PANELS?

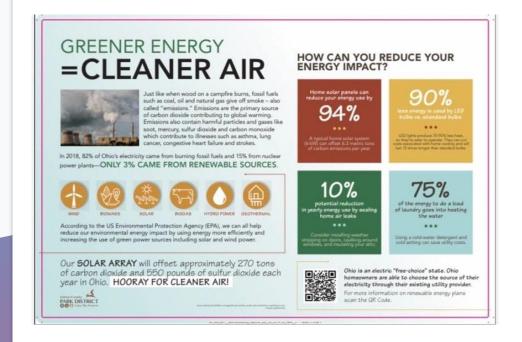


SUNLIGHT TO ENERGY HOW DO OUR SOLAR PANELS CONVERT

SUNSHINE INTO POWER?



GREENER ENERGY = CLEANER AIR HOW CAN YOU HELP USE LESS ENERGY AND CREATE CLEANER AIR?



COVID 19

So how do we get the word out...

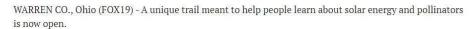
Learn as you walk with new Warren Co. trail



Learn as you walk with new Warren Co. trail



By Ashley Smith | October 14, 2020 at 5:25 PM EDT - Updated October 14 at 6:55 PM





Virtual Opening Ribbon Cutting



Education Video Series





Copy link



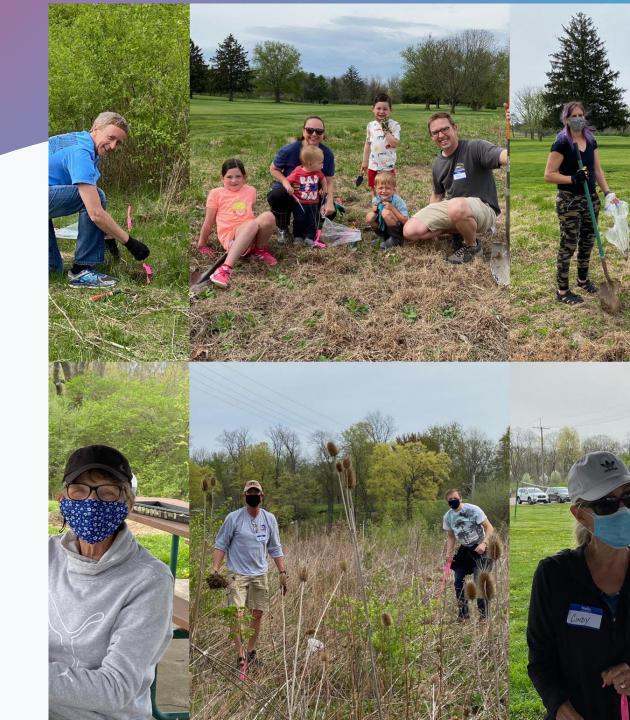
0:00 / 3:12



Get the Community involved!



We were awarded dozens of native plant plugs through <u>Project Wingspan</u>. They were planted on 5/25/21, and volunteers signed up to help with watering them daily through mid–July so they could become well established!





Questions?

Contact Us!

MELISSA PROFFITT

EDUCATION & COMMUNICATIONS SPECIALIST

WARREN COUNTY SWCD

Melissa.proffitt@co.warren.oh.us

513.695.3086



SHANNON PENNINGTON

NATURALIST

WARREN COUNTY PARK DISTRICT

mothernaturesclassroom@gmail.com

