



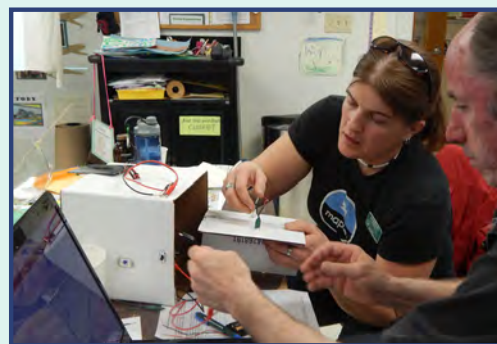
# LIGHTING THE WAY WITH WIND AND SOLAR: PATHWAYS TO A SUSTAINABLE ENERGY FUTURE

a 2-Day Focus Workshop for Middle and High School Educators

Connect with scientists and educators from the Wade Institute for Science Education and Mass Audubon, gain an understanding of the power of inquiry-based learning to inspire a passion for science in students, and come away *energized*!

## Hands-on, Minds-on Learning:

During this two-day professional development workshop, experiment with renewable energy technologies to understand how they can be used to produce sustainable electricity and reduce human impacts on the climate. Engage in hands-on, minds-on activities as you build a solar-powered fountain, design the best blades to catch the wind, and compete to fill an electrical grid with the most effective energy sources. Discover first-hand how wind turbines and solar panels generate power, and why communities are relying increasingly on these systems to meet their energy needs.



## Practical Tools to Meet MA Standards:

*Lighting the Way with Wind and Solar* will integrate science content with the Science and Engineering Practices. Find out more about how energy, climate change, and sustainable solutions connect to the 2016 MA Science and Technology/Engineering standards. Walk away with inquiry-based activities and a kit of equipment you can use to get started with your own students.



**Dates:** Friday and Saturday, December 13th & 14th, 2019

**Time:** 8:30 am – 3:30 pm

**Location:** Mass Audubon's Ipswich River Wildlife Sanctuary  
(87 Perkins Row, Topsfield, MA 01983)

**Fee:** \$300/person; \$250/person if attending with at least one other teacher from your school district

Includes lunch both days and a kit of materials.

13 PDPs are available for this workshop.

For more information, contact [wadeinstitute@wadeinstitutema.org](mailto:wadeinstitute@wadeinstitutema.org)

**To register, visit [www.wadeinstitutema.org](http://www.wadeinstitutema.org).**

