

WindSenator Training Program 2012



College of the Atlantic

July 29th-August 4th, 2012–Bar Harbor, ME

The 2012 WindSenator training program will be held July 29 – August 4 in Bar Harbor, ME at the College of the Atlantic. This training will be done in partnership with the Maine Wind for Schools Program.

Teaching the World about Wind!

In the summer of 2008 we started to building the WindSenators Education Network with eight motivated teachers from NY, we now have over 65 WindSenators in 22 states. These highly qualified and dedicated educators have impacted thousands of teachers and hundreds of thousands of students in the last four years through teacher workshops, KidWind Challenges and a variety of engaging regional events.



In 2012 we are looking for another 25 educators who are interested in helping us work with teachers to improve wind energy education in their region. This training is a unique opportunity which combines improving your knowledge about wind energy science and teaching about wind in K-12 classrooms using a wide array of curricula and educational materials.

If you want to learn about wind energy from the experts and share this knowledge with teachers and students in your state or region this is the program for you.

We Need Leaders!

The WindWise Education program has a goal of creating a nationwide network of 150 WindSenators in 40 states in the next five years. During these next 5 years we seek to hold at least 1000 training events impacting 30,000 teachers who impact 1,500,000 students. With the help of a dedicated team, this vision can be realized.

As a WindSenator you will be part of this team and will be certified to provide trainings and represent WindWise and KidWind at conferences, events and workshops. The WindSenators Education Network will provide states with knowledgeable, experienced wind energy educators that can help others get the tools and information they need to teach students and the public about wind energy.

While we are looking for educators interested in learning and impacting other educators, we understand that some teachers are just looking for a program to learn more about wind energy and how to integrate these subjects into the classroom. Be assured that this is one of the primary goals of the WindSenators training program. As a graduate you will be armed with a variety of ideas and methods you can use in your classroom teach about wind energy and if you are motivated to get out and work with other teachers or students we are there to support you.

Training Overview

The five-day training program will provide hands on instruction about wind energy science and technology using a variety of subjects (physics, technology, biology, earth and environmental science) and includes in depth training on WindWise and KidWind materials and curricula. There will also be a number of guest speakers from the wind industry, and tours of local wind facilities. Existing WindSenators will be instructors and available to talk about how they have

implemented training programs in their states. See the sample training agenda attachment for more information.

What can a WindSenator do?

WindSenators are an integral part of the KidWind training and outreach. A WindSenator:

- provides wind energy teacher trainings in their state or region;
- receives KidWind Project products at reduced prices;
- participates in the development of new wind energy curriculum and materials;
- sponsors KidWind Challenge or similar events in their state;
- represents WindWise and KidWind at conferences and events, and;
- receives a stipend for their workshops and events held in their state.



Fees

The cost for teachers to attend the training is \$1,750. The fee does not cover travel to and from the training location in Bar Harbor, ME.

Fees cover:

- lodging & food at College of the Atlantic (Breakfast/Lunch);
- 5 days of training;
- full set of WindWise Curriculum materials (\$100 value), and;
- full complement of KidWind & WindWise training demonstration materials (almost \$700 value).

Application

There is an application process for all attendees. Interested teachers can apply beginning January 4, 2012. See www.KidWind.org for more details on applying and application deadlines. Applications will be accepted until May 1, 2012.

This year KidWind is offering a scholarship for two talented educators that want to join our network. As part of this scholarship we will cover all tuition fees. You will still need to provide your own funds to travel to the workshop.

Sponsoring a WindSenator

Companies and organizations can sponsor teachers to attend the training program and become part of the WindSenators Education Network. Having a trainer in your area provides you with access to a trained educator that can offer WindWise teacher training events near your wind facilities or manufacturing plants at greatly reduced rates. If your company is interested please contact us for more details on how to have your company sponsor teachers from your state or region.

If you have any questions about the program, please contact Michael Arquin of KidWind at michael@kidwind.org or call (651) 325 8149.

WindSenator Training Program 2012

Application information

July 29-August 4, 2012–Bar Harbor, ME

The WindWise Education program is continuing to build a nationwide network of educational trainers. This network, the WindSenator Education Network, seeks to develop a team of knowledgeable, experienced wind energy educators that can help teachers get the tools and information they need to teach students and the public about wind energy. The two main goals of the training are to help teachers learn how to integrate wind energy subjects in the classroom and to increase teacher understanding of the social, technical, and scientific issues of the modern wind industry.

Some examples of activities at past trainings:

- Study and visit small and large wind power installations.
- Explore issues facing wind power development.
- Engage with guest speakers from wind energy companies related to turbine development, wind data analysis and small wind development.
- Evaluate and experiment with a variety of wind energy and related curricula.
- Learn how to sponsor a WindWise workshop in your own region.

The 2012 WindSenators training program will have 25 spots open for qualified educators who are interested in becoming a part of the network. The cost to attend the training is \$1,750 and includes lodging, food, materials and tuition.

KidWind Scholarship

KidWind will sponsor two teachers this year to attend the WindSenator training free of charge!

Factors that will influence our selection of these teachers includes, but is not limited to, the following:

- Geographic location
- Grade level and innovative teaching experience
- Knowledge of renewable energy
- Network of local partners interested in similar projects in your area
- Previous experience with teacher training outreach
- Attendance and participation with previous KidWind events
- Ability to secure funding

When submitting your application please note whether you would like to be considered for a KidWind Scholarship!

If you have any questions about the program, please contact Michael Arquin of KidWind at michael@kidwind.org or call (651) 325-8149.

Application cover page

WindSenator Training COA—July 29-August 4, 2012

Applications due
May 1st, 2012

Funding Source (circle one): School District | Wind For Schools | Corporation | ME Teacher Discount | Working on It... |
KidWind Scholarship | Other _____

Do you want your application to be considered for a KidWind Scholarship? Y/ N

Name: _____

Email address: _____

Name of school: _____

School address: _____

Home address: _____

Phone numbers: home _____ work _____

Grades levels and subjects you teach: _____

Professional Associations: _____

Conference Presentations: _____

Please submit the following to us as well:

- A two page statement explaining: Your interests and experience in promoting wind energy education; why you want to become a WindSenator; and how you anticipate participating in the WindSenator program once trained;
- CV or resumé; and
- A letter of recommendation from an educational colleague who can attest to your teaching experience and interests.

Please post your full application to:

Kidwind Project - WindSenator Applications

800 Transfer Road, Suite 30B

Saint Paul, MN 55114

f: (208) 485 9419 p: (651) 325 8149

Or email application to michael@kidwind.org

You can also upload your application at www.KidWind.org or www.WindWiseEducation.org

