

# WindSenator Training Program 2011

## Colorado State University



July 24<sup>th</sup>-30<sup>th</sup>, 2011—Fort Collins, CO

The KidWind Project will hold the 2011 WindSenator training program in July 24-30 in Fort Collins, CO at Colorado State University (CSU). We are holding this training in partnership with the *Colorado Wind for Schools* program which is based at the engineering department at CSU.



## Teaching the World about Wind!

In the summer of 2007 we started building the WindSenators Education Network with eight motivated teachers from NY. We now have 36 WindSenators in 15 states. These highly qualified and dedicated educators have impacted 1,000s of teachers and 100,000s of students in the last three years through teacher workshops, KidWind Challenges and a variety of engaging regional events.

In 2011 we are looking for another 30 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 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. In the next 5 years we seek to hold at least 700 training events impacting 20,000 teachers who work with 1,500,000 students a year. Yeah, we are that big!

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 provides 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.

## Training Overview

The five-day training program provides 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. In addition, existing WindSenators will be your instructors and available to talk about how they have implemented training programs in their states.

## 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 to Fort Collins, CO.

### Fees cover:

- lodging & food at CSU (Breakfast/Lunch);
- 5 days of training;
- full set of WindWise Curriculum materials, and;
- full complement of KidWind & WindWise training demonstration materials (almost \$900 worth of gear!).

## Application

There is an application process for all attendees. Interested teachers can apply beginning February 1, 2010. See [www.KidWind.org](http://www.KidWind.org) for more details on applying and application deadlines. Applications will be accepted until May 27<sup>th</sup>, 2011.

This year KidWind is offering scholarships for two talented educators that want to join our network. As part of this scholarship we will cover all tuition fees. It will not provide 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 your company with access to an 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](mailto:michael@kidwind.org) or call (651) 325 8149.

# *WindSenator Training Program 2011*

## *Application information*

**July 24-30, 2011–Fort Collins, CO**

The WindWise Education program is building 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 2010 WindSenators training program will have 30 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](mailto:michael@kidwind.org) or call (651) 325 8149.

# Application cover page

WindSenator Training CSU — July 24-30, 2011

Applications due  
May 27<sup>th</sup>, 2011

Funding Source (circle one): School District | Wind For Schools | Corporation | 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](mailto:michael@KidWind.org)

Or apply at [www.KidWind.org](http://www.KidWind.org)

