

[Troy] As many of you already know, Sun-Earth Day is a combination of events and programs that occur throughout the year, ending with the grand Sun-Earth Day celebration on or near the spring equinox in March. The main goal of the program is to encourage students of all ages to explore, discover and understand the dynamics connection between our sun, the Earth and other planets.

My name is Troy Cline and welcome to another Sun-Earth Day 2010 podcast. In this episode I was able to catch up and record a brief conversation with this year's lead for the Sun-Earth Day Program, Elaine Lewis. I asked Elaine to fill us in on some of the highlights for this year's program. It turned out to be quite a conversation.

Now Elaine, I know with Facebook and Twitter and podcasts and our [world](#) site and all the activities that are on-line and everything we are doing for Sun-Earth Day again this year. We are actually doing a little bit more this year than normal with all of the social networking. We also have a webcast coming up. And this one is going to be a little different than webcasts we have had before.

[Elaine] Yeah, I'm kind of excited about this because we take all of our equipment because we can drive to Philadelphia. We are in Washington DC so we can drive there in a couple of hours and pack the bus or the van with all of our equipment. We are going to do a webcast from the exhibit floor of the National Science Teachers Association's National Conference.

[Troy] That is going to be fun.

[Elaine] I'm anxious to see how many of the science teachers that have registered with us will be at the conference and come over to the NASA booth, look for Space Weather Action Center and say Hi! It is going to be exciting and I'm hoping we will have some local kids involved with us. And our plans are to have the teachers come over and have the students training them on how to *Map the Magnetic Influence*.

[Troy] And they can do that by downloading the activity on-line from the Sun-Earth Day website.

[Elaine] Yes in the Space Weather Action Center and it in the activities for the Magnetosphere.

[Troy] And that will show you how to take a little device called a magnaprobe and actually draw and trace the magnetic field lines around a magnet. It sounds complicated but once you do it, it is a lot of fun. It's just like space magnetic art.

[Elaine] speaking of art. I actually did that with a group of students I've been working with. They mapped the magnetic influence of a cow magnet and then they used

sequence, glitter and all kinds of things and they have the most beautiful magnetic maps you have ever seen.

[Troy] We need to capture those and post them on face book or the Sun-Earth Day website. Now one thing I wanted to ask you about, Elaine, because we will be at NSTA this year we will be working with a group from NASA Langley called...

[Elaine] NASA EDGE, those guys are hilarious!

[Troy] They are, they already have the NASA EDGE show. This is a video podcast you can download. It hysterical and it's also very informative, it's an informal type of approach to everything NASA.

[Elaine] One of our participants always does a large event at JPL, Andrea Angrum, has agreed to come to NSTA and work with us and the guys from NASA EDGE and I'm hoping we can bring some of the scientists from Goddard as well.

[Troy] So we will have the webcast, and I believed they talked about giving you an iPhone or iTouch or some type of device, to walk around, maybe I'll join you. We'll walk around the NSTA floor and just randomly interview different people about magnetism science and NASA and what's going on- just have fun.

[Elaine] Sounds great, I don't know about you but I'm wearing my jogging shorts and shoes on this one.

[Troy] I know it. And I have to say this too, I don't know how far we will get, we have many people who are interested in *Second Life*, and digital programming in a virtual environment. We are playing with the idea of putting Sun-Earth Day in one of the NASA Islands this year.

[Elaine] Really Exciting!

[Troy} So if any of you are interested in Second Life or Facebook or Twitter get in touch with us. We have lots going on this year.

[Elaine] It gets more exciting every year.

[Troy] I'd like to thank Elaine for sharing her time with us today. And you can look forward to more conversations with her in the future. You can also chat with Elaine yourself on Facebook and Twitter accounts. Finally be sure to register on the Sun-Earth Day website to receive a free welcoming packet of materials while supplies last.

We are very interested in hearing your questions and comments. So if you have something to say just join us in Facebook and Twitter, or send an email directly to sunearthday@gmail.com if selected we will share it on one of our upcoming podcasts.

For all other details about the Sun-Earth Day program including information about past Sun-Earth Day themes be sure to visit us on our website at [http:// sunearthday.nasa.gov](http://sunearthday.nasa.gov)

This is Troy Cline signing off.