

**Alert Evacuate and Shelter Training Conference Call
May 12, 2008**

Members Present:

Acquanetta Anderson, DC; Beverly Bailey, LA; Howard van Dyke, SC; Mary Ann Marvil, MD; Ronald Anderson, DC; Seth Marvil, MD; Starla Garlick, TX; Esther Worker, ESRI; Frank Wideman, MO; Robi Gray, GA; Susan Emmons, NV; Tom Tate, USDA

Team Updates:

Howard van Dyke, South Carolina – Howard went to the CYFAR conference and stated that the youth did a great job at presenting the AES project, giving ESRI information and Teen CERT. There were five kids from the South Carolina Spies that did the presentation. The audience enjoyed the presentation and learned a lot. There were a few new states and people to follow up with regarding training possibilities. There was an interested group from South Dakota and a few groups from Virginia and Maryland that already knew the AES training and wanted to find out about the South Carolina projects. Hopefully Jim Kahler has records of who was attending so we can get contact information. The South Carolina Spies talked to a lot of folks, and they will have a chance to present themselves and their project at other venues. There has been an economic development in a rural county project using AmeriCorp volunteers in helping the county locate resources. They will use 4-H kids to teach GPS systems to the AmeriCorp volunteers in early June. EDEN has a small committee working on an EDEN website that will be focused on youth and 4-H. They will need participation from youth in the future. This website will have information from youth for youth and will be a source for resources, information, disaster preparation information and recovery tactics. There will be a committee formed at EDEN to begin formulating this project. They will eventually have groups across the country meeting on this to work through the fall and present it at the EDEN Conference in November of this year. This project is EDEN funded and supported, and they are organizing the committee now. There will be a selection process for the youth EDEN team but the youth selection protocol has not been decided on yet. Howard is the point person as an EDEN state delegate

Acquanetta and Ronald Anderson, Washington, DC – They are finalizing plans for a summer program that will have 30 plus students working with DC Techs and GIS. They will work with the DC Office of Zoning and the GIS departments to do some AES mapping of the floor plans on schools that are shelters in the area. The current plans are out of date. The Office of Zoning has 3D GIS layer capability. The youth will take pictures and GPS readings and drape them over the building images. Zoning will identify three areas to work on: the new ball stadium, the old civic center, and an area south west across from Tom's office. They have received positive response from these agencies. South Eastern University will host activities in their computer shop that has an available training suite with 24 seats. They have loaded software and will be staging the project out of South Eastern University's computer lab. They are currently recruiting students now and working with high school students to gear them up for the summer program that will run 8 weeks. Seth and Mary Ann Marvil will be interested in this program. Collaborative aspects are getting better in the DC area. The standing GPS units tend to lose connection while positioning and locating the rooms from inside of the

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shelter. There are new uses of wifii network using the signal from several towers and the use of triangulation of signals. These new developments will use ground based cell towers instead of satellites where the signal can be lost due to overhead cover.

Starla Garlick, Beaumont TX – The local Fire Department needs to have the fire hydrants mapped for the ISO plan. The kids are interested but not consistently showing up. Frank said that Bollinger County in MO is doing dry hydrant mapping. Sharon Lone in SC did a project on fire hydrants in Saluda County.

Beverly Bailey, East Baton Rouge, LA – Their group is gearing up to launch an activity in the fall as an enrichment program on GIS mapping to be taught at school as a pilot project on tree study. They will be mapping trees in the area and the city parish GIS expert will supply data sets to enhance the overlay data. The end result will be a hazard mitigation map which will show which trees are more likely to cause damage in high winds and water situations. Take a glance through the City Green site which is a program for doing some inventory of trees. Tom suggested sending a note to Esther Worker at eworker@esri.com and explain the project and your interest about city green. Esther might be able to give some good recommendations on how to proceed. San Antonio had a youth group do a project using City Green on the American Forest website at <http://www.americanforests.org/productsandpubs/citygreen>. In regards to any questions about the Teen CERT program, our co-worker in Oregon has had great success with teaching Teen CERT. Please contact Lynette Black with any questions, Lynette.Black@oregonstate.edu.

Seth and Mary Ann, Washington County, MD – Seth did a presentation at the PILD conference in Washington, DC in regards to his overview of accomplishments and got people there very excited and inspired to implement and duplicate Seth's projects. They were the youth and adult delegates for Tom and Jim's presentation. Seth's county is trying to look at maps and make a plan based on the Community Readiness Inventory to try to meet the needs of the council and fire and rescue. There is some data that Seth can't collect legally regarding disabilities. Seth and Mary Ann want to develop a proposal to mail citizens a questionnaire on their needs that can be collected directly by the county. There are problems to work through for map information collection and still be within legal limits. They have to receive authority from the town council to ask for information. Citizens can volunteer the information but they can't legally ask for it. The EOC has warned them about this problem so they need to set up a community awareness project stating that it is up to the citizens to notify Emergency Responders about disability problems. Vicki is trying to get a meeting together for folks in Maryland but the date is not set as of yet. She wants to see if Maryland AES people can get together to work on a state-wide project. Maybe the DC group would like to participate.

Frank Wideman, MO – He has had some distance education sessions using televisions and internet. He sets it up with Polycom to gain access to other locations, actually with 15 sites across the state to link up internet/IP addresses. They do an interactive video and audio conference and participants can interact with the speaker. They can get information and ask questions about projects. Missouri has had ample opportunity to

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put emergency response plans into effect this spring with the flooding and tornados. He has been able to work with a group in northeast Missouri and there is a group in southeast Missouri trying to get started. Mary Ann and Seth Marvil joined, and a couple of other locations planned to join but could not. They almost had both coasts and the middle of the country covered. Frank will keep us posted when there is a scheduled meeting, possibly late June or early July. Attention to Bob Spalding, the GIS professional on last interactive video was using Bob's "How to build a map" lesson from the AES site. There is great potential for youth to link for training and to be able to answer questions. Mary Ann Marvil stated that this is a wonderful way for projects to link across the country, and some areas have teens all over the place. This will give them a statewide connection for meeting and it would make it a better activity.

Frank went to an Earthquake Conference in Illinois and had a chance to hook up with people from all over. He talked to a group out of Kentucky who was interested in the AES training and distance learning opportunity. There were others who were interested and there is some interest in some expansion on this project in Illinois. Howard thought we needed a poster or page for display at these different conferences. Something easier to transport than the tri-fold display maybe. Jim Kahler has one tri-fold display and Lynette Black has one in Oregon. We have the AES poster and brochure on the website at <http://crn4h.org>.

Robi Gray, GA – She had a Global Youth Service Day project where she received a grant to develop a service project. This was at a senior 4-H retreat and they gathered donations from Lowes, Wal-Mart, Home Depot, and many grocery stores to build animal emergency kits. They had enough supplies that on April 26th they built one hundred pet emergency supply kits in 5 gallon buckets that held leashes, collars, ID tags, first aid kits filled by youth in Ziploc bags, food, toys, and glow sticks. They made 75 dog and 25 cat kits (included litter and scoop). Of those 100 kits there were 200 youth and 5 counties involved. Each County Extension office kept a sample kit and the rest were donated to animal control and the Humane Society. They also purchased a video from the PBS site that talk about pets during Katrina and afterwards with the rescue efforts. The Pet Emergency Supply Kit, labels, supplies, and information was very helpful. Lowes not only donated buckets but also sold extra at cost to the group. PetSmart has a grant for a much larger project. They also included pet planning, picture taking, and a shelter map in Raleigh SC regarding pet shelters. Thomas Ray in NC had a county fair exhibit. Robi found out that instead of cat litter you can use Oil Dry which is much cheaper than litter. Campbell Pet Supply can set up an account for any group also, and Target, PetSmart and Lowes have grants available for 4-H. Tom was wondering if we could get a link on the Extension website for the animal emergency supply kit information. We need to ask Jim Kahler if we could get a section on this. Maybe we could get a write up on this activity with some pictures to put onto our website also, we need to send this to Bob Spalding.

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Future Agenda Topics:

Recruitment of Youth for Projects – We might want to brainstorm on ideas for recruiting youth for our projects. Ronald said they seem to have luck using the afterschool programs because you have a captive audience. Offer additional options, community credit for school projects, incentive programs, etc. to draw youth in.

What do you look for in GPS units? – If you need to purchase some GPS units for your program, what kind of resource list is available, what do you look for, and what kind do you buy? 0 Frank Wideman's suggestions are as follows: There is no extra cost now to have WAAS correction built in to the unit. This improves the accuracy of your unit. If there is a large airport nearby you can borrow the signal from there. Some units offer a higher accuracy due to software and hardware improvements. A good example of a quality unit around \$150 is the Garmin eTrex Venture HC receiver. Moderate accuracy would be the Garmin eTrex Legend (around \$100- \$130). It is very dependable and has functions built-in that are easily learned especially if you have used a Garmin unit before. They have a better accuracy and a better utility in heavily covered areas compared to other brands. They give fair accuracy, just look for the WAAS capability and take a close look at high accuracy. Frank has used a Venture unit a couple of times and it will do the same job as a \$300- \$400 unit. It is a good buy and shop online to compare prices and units. There are several outlets on line now such as GPSNow, GPSONSale, Amazon, and even Wal-Mart. Amazon seems to be competitive and they general ship with the shipping included on the price. Starla Garlick found eTrex Legends on Academy for \$ 89 a piece on sale. They honored the sale price even as a part of the sponsorship to the 4-H program.

Raising Funds for Travel - Esther invited the South Carolina Spies group to go to the ESRI conference in San Diego but they will have to raise funds to be able to go. The Pirates are also in need of funds to go to San Diego. We need to brainstorm on ideas used around the nation to raise money for travel in the near future. If anybody has ideas now, please email RobiGray@uga.org and hdijk@clemson.edu with ideas, thank you.

Engaging Officials – We want to build on remarks for a future conference call topic in regards to strategies in engaging community officials in our process. Make a list of coaching tips to share with other teams.

Future Activities:

- Galaxy III Conference for Extension Agents will be held in Indiana during September 14-19, 2008. There will be an ESRI booth and a geospatial workshop. There will be presentations by 4-H groups and Lynette Black and Pam Powell on Teen CERT and AES.
- EarthKam – There are plans in the near future that every 3 months there will be a week long project to use cameras to take photographs in areas that school children

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have requested. The availability depends on weather and earth angles, check out the website <http://www.earthkam.ucsd.edu/> .

Announcements:

National Preparedness Month (NPM) 2008 will be held this September and it is right around the corner. If you would like to sign up as an NPM Coalition Member, please go to <http://www.ready.gov> to register. The Campaign is designing a toolkit to provide you and your organization ideas about how to help spread the preparedness message to your employees, members, customers and communities. This toolkit will be made available to all NPM Coalition Members who register. The Ready Campaign hosted a Webinar on March 19 and it is available to you to view at http://wm.yourcall.com/NPM/NPM_streeter_031908.wmv.

There are 4-H Webinars scheduled for once per month. There will be discussions of map generation every month in support of the AES Project. The reminder emails will be sent through the 4-H GIS GPS [4HGISGPS@LISTS.UMN.EDU]. To sign up for the listserv please contact Trudy Dunham at dunha003@umn.edu. ESRI webinar recordings are now archived on the left hand side of the page at www.esri.com/4-H.

- May 14 - Using Public Domain Spatial Data Portals in Research and Education
- July 16 - Using Web-Based GIS in Education. Web-based GIS tools have developed over the past few years into a viable and powerful tool for teaching and for research.

AES Tools:

The Community Readiness Checklist is a great tool for approaching your Emergency Manager and Emergency Responders in your community. The Community Readiness Checklist letter and checklist are on the website at <http://www.crn4h.org>, click onto the Resources on the front page and then click onto Tools. Please fax the completed questionnaires to Susan Emmons in Nevada at 775-423-7594.

AES website for resources, games and applications	http://www.crn4h.org
Youth Favorite Places	http://www.youthfavoriteplaces.org
Community Atlas information from ESRI	http://esri.com/communityatlas
USGS Earthquake maps	http://earthquake.usgs.gov/