

What is MOVE? For Disaster Survivors who have survived the initial catastrophe, MOVE (Mobile Outreach VEHICLE) is an IEEE Project that creates and operates a vehicle for disaster relief. It provides needed communications, light & power support to victims until normal infrastructure is restored. MOVE is staffed completely by IEEE volunteers.



Alabama MOVE deployment - On Sunday, 3 March, a devastating EF4 tornado with winds of up to 170 Mile mph cut a one-mile swath of devastation through Alabama communities. The MOVE truck was deployed to provide critical communications infrastructure support to the Red Cross. IEEE-USA's MOVE truck traveled from Durham, NC to Opelika, AL. The team helped set up the headquarters for disaster operations including providing primary communications support for the relief operation. In addition to providing internet access, the team provided IT support to Red Cross disaster relief workers.

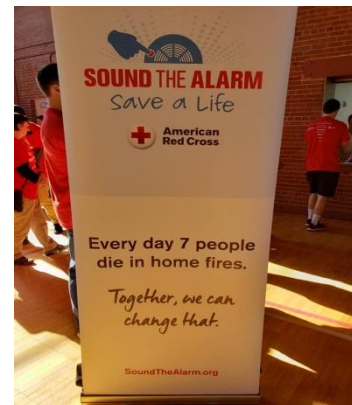


Wild Buck Saloon – Destroyed by tornado

During the nearly two-week deployment, the MOVE team also set up an additional facility for a MARC (Multi-Agency Resource Center). This is a place where multiple local, state, and federal agencies locate so people affected by the disaster can come to a single place to get all available services. The MOVE team set up and maintained the network, laptops, and printers as well as provided internet access for everyone. The public was invited to come to meet with all the participating agencies.



John Balsam & Grayson Randall



Thank you to everyone who participated in the Red Cross **Sound The Alarm** events! 1,020 homes were made safer! The MOVE team supported Wilmington, Fayetteville and Durham.

Non-US Disaster Relief Initiative

Members of the MOVE team are participating in a cross regional team to look at non US disaster relief. The team has received New Initiatives Committee (NIC) funding. Members want to provide disaster relief of communications and power internationally. This team will investigate, propose solution(s), and validate an approach for outside US. Initial focus is on portable solution(s) for islands – R9 and R10.

Example of a portable solution capstone project at UNC Charlotte.

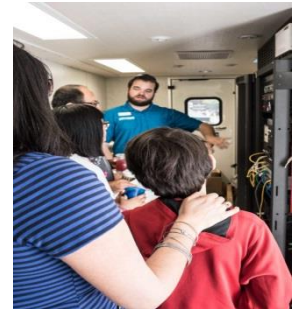


STEM Events

2019 UNC Charlotte Science and Technology Expo, a NC Science Festival Signature Event on April 28, 2019. This event featured over 100 activities for the science-curious of all ages, including hands-on educational presentations and fascinating displays — engineering demonstrations, **tours of the MOVE truck**, computer and software explorations, hourly live science shows, all kinds of cool robots in action, lab tours in the life sciences, STEM education activities, environmental science, rockets, drones. Estimated attendance was 5,000.



Jay Diepenbrock and Jim Conrad



Brian Greene

Atlanta Science Festival was held March 23, 2019 in Piedmont Park and approximately 25,000 people attended. The MOVE team was proud to participate for the 3rd consecutive year, in the Atlanta Section's Curious Kid Zone. It is truly a highlight of our STEM outreach efforts..

Congratulations to Tim Forrest for his Region 3 Service Award. It is for his MOVE work. "For selfless service to MOVE disaster relief efforts."



Many Thanks



Hurricane season starts June 1. MOVE is funded by donations. For more information, contact: move@ieeeusa.org
DONATE NOW!



move.ieeeusa.org