MOVE Truck – Greenville, NC
Inside the MOVE truck
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

That provides needed communications, light & power support to victims

Unlike some First Responder Efforts (e.g., ARRL, RACES)

Our project is intended to help the disaster survivors by supplying valuable services until normal infrastructure is restored.

Additionally, it energizes the IEEE volunteer base, highlights skills, promotes public awareness and more

• 5 Natural Disasters – 8+ weeks
• 2 Home Fire Campaigns
• STEM & Public Visibility
• TV & Radio coverage
Disaster Relief

Home Fire Preparedness Campaign

A Disaster Relief Partner of: American Red Cross
Conditions outside HQ
Road traveled to District

Whole homes were reported to be missing

Health hazards were real
Caseworkers work out of district office

Caseworkers locate those needing help

Food and shelter are available

Cleaning supplies are available and other bulk items
Gatlinburg, Tn
Gatlinburg, Tn
**MOVE Disaster Deployments**

**West VA Flood**
- Paul Goodson*
- Grayson Randall*
- Mary Ellen Randall*
- Butch Shadwell

**Hurricane Hermine**
- Grayson Randall*
- Mary Ellen Randall*

**Hurricane Matthew**
- Jay Diepenbrock*
- Tim Forrest*
- Steve Kemp
- Grayson Randall*

**Louisiana Flood**
- James Conrad
- Tim Forrest*
- Grayson Randall*

**Tennessee Wildfires**
- Grayson Randall*
- Mary Ellen Randall*

* Indicates ENCS member
MOVE Drivers

Butch Shadwell     Jim Conrad       Grayson Randall*    Ken Pigg*
MOVE Home Fire Campaign

Rose Hill, NC
- Jay Diepenbrock*
- Tim Forrest*
- Ken Pigg*

Fayetteville, NC
- Tim Forrest*
- Grayson Randall*
- Mary Ellen Randall*

* Indicates ENCS member
## What is our impact?

<table>
<thead>
<tr>
<th>Natural Disaster</th>
<th>Meals &amp; Snacks</th>
<th>Relief Items</th>
<th>Shelter Overnight Stays</th>
<th>Homes Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>West Virgina 1,000 Year Flood</td>
<td>198,400</td>
<td>133,700</td>
<td>2,300</td>
<td>2,400</td>
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<tr>
<td>Louisiana Flooring</td>
<td>1,100,000</td>
<td>698,000</td>
<td>74,000</td>
<td>120,000</td>
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<tr>
<td>Hurricane Hermine</td>
<td>46,000</td>
<td>13,000</td>
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<td></td>
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<tr>
<td>Hurricane Matthew (NC only)</td>
<td>659,000</td>
<td>148,848</td>
<td></td>
<td>33,964</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,003,400</strong></td>
<td><strong>993,548</strong></td>
<td><strong>110,264</strong></td>
<td><strong>122,400</strong></td>
</tr>
</tbody>
</table>
Public Visibility

Articles:
• 2 The Institute
• 3 Press Releases
• 2 IEEE USA Insight
• 2 Business/News Radio Interview
• Red Cross Press Releases
Public Visibility Deployments/Talks

- Norfolk, VA
- Birmingham, AL
- New Orleans, LA
- Covington, LA
- Houston, TX
- New Brunswick, NJ
- Piscataway, NJ
- Wilmington, NC

- Global Humanitarian Conference Seattle, WA
- Evansville, IN
- Lexington+Louisville, KY
- Charlotte, NC
- Atlanta Science Festival
STEM Education
STEM Deployments

Forge in Cary, NC
- Alan Anzagira
- Jay Diepenbrock*
- Tim Forrest*
- Matt Horrer*
- Larry Leise*
- Grayson Randall*
- Mary Ellen Randall*

Florida Schools
- Butch Shadwell

Science Center in Vestal, NY
- Grayson Randall*
- Mary Ellen Randall*

Bob Jones University in Greenville, SC
- James Conrad
- Bill Lovegrove

IEEE-USA STEM Committee in Cary, NC
- Grayson Randall*
- Mary Ellen Randall*

Wilmington & ST James, NC
- Charles Humphries*
Volunteer Training

- New Orleans, LA
- Houston, TX

76 trained

- Operations Manual
- Checklists
- Driver training
- Maintenance Plan
HOW TO HELP

- http://move.ieeeusa.org

DONATE

- Volunteer for a STEM, Disaster Relief team or Public Visibility team
- Help with planning and preparation
- Ask your company to help
Thank you for your support!

Mary Ellen Randall
MOVE Community Outreach Program Director
merandall@ieee.org
Together, we engineer a brighter future