NOVA DRT

Northern Virginia’s Damage Reporting Tool
Northern Virginia (NOVA)
- 4 counties
- 5 Independent Cities
- 1,394,180 sq miles
- 1,182.57 residents
Challenges

° State Level
  ♻ Where do we need to start sending resources?
  ♻ Should we start looking to request a Federal declaration?

° Local Level
  ♻ How bad is bad?
  ♻ Where should we focus our damage assessment?
Solution

- Develop a tool that can show damage to the community as it happens.
- Let residents become part of the solution.
- Provide a means for the State to see what local government sees at the same time.
Background

- Damage Report Tool (DRT)
  - Grant funded
  - Selection made:
Background

- GIS Infrastructure
  - Not available in house
  - Hosting
Requirements

- NOVA DRT Landing Page and domain
- Apps for iOS and Android and WEB Damage Reporting
- Web based reports for Emergency Managers
Welcome to the Northern Virginia Damage Reporting Tool. This tool was developed to assist local government with identifying areas that have been impacted by an emergency or disaster event. It will aid in identifying where resources need to be deployed by both local and state government. It is not designed to act as a means to ask for a response by public safety agencies such as Police, Fire or Emergency Medical. Please dial 9-1-1 if you have an emergency that requires these agencies.

Please take some time to familiarize yourself in the features of this application so that in the time of need you will be adept at providing the information requested. Use of this application will assist local government in getting assistance quicker and where needed. Thank you for downloading the NOVA DRT!

Use NOVA DRT to report damage now!

This website and the NOVA DRT apps were developed with a grant to Northern Virginia, with project oversight provided by the City of Fairfax Office of Emergency Management on behalf of Northern Virginia emergency management organizations and partners.

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NOVA DRT Partners
The Tool

- Esri’s Javascript API
- Wrapped for deployments into ‘app stores’
Configurable information should be displayed here. When not requesting damage, perhaps information regarding how to prepare or the threat level can be used. During an emergency, this text should be updated to reflect the changing information.
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Report Damage
Report damage to my home

Report damage to my business

Report other damage (library, government building, etc)
NOVA DRT – Damage Level

Page 5
Reports

- Uses ArcGIS Online
  - Group for Admin
  - Group for EMs
- Map of damages reported
  - Colored by damage level
- Reports can be created for specific community
EM Map

![EM Map Image]
Lessons Learned

- Have a disaster
- Have a server
- Marketing / Deployment Plan
Contact

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