



Tornado Readiness and Resources

This Emergency Management (EM) Geo Forum was conducted virtually on May 28, 2020, and focused on building a geospatial game plan for tornado readiness, response, and recovery. The following questions and answers were addressed during the session.

Question: Do we have the ability to view the python script and data sources for the Tornado Damage Assessment Model?

Answer: Direct links to the data sources are provided at

<https://communities.geoplatform.gov/disasters/modeled-tornado-damage-assessments/>.

The NWS Damage Assessment Toolkit (DAT) data is public, but the parcel data must be acquired through HIFLD secure. The code for the model is not currently available online but the results of the model are provided publicly in the Tornado Incident Journal

(<https://fema.maps.arcgis.com/apps/MapJournal/index.html?appid=e0b7b04b0d8d49c9bb-c687fe4f783bb4>) in near real time.

Question: Did you (South Carolina Emergency Response Task Force) have any challenges regarding personally identifiable information (PII) on Survey123 and how did you overcome?

Answer: We did not. All data is sent to a dashboard which is protected by a password. So you can control who sees it. Also, no PII is added to our surveys.

Question: Where can we get info on this Survey123 for damage assessment? What are data requirements for such a damage assessments? Required attributes?

Answer: A template for the survey can be found at

<https://napsg.maps.arcgis.com/home/item.html?id=ce2489e702604d578aa0fd8e10ab27ba>. You can find more information about it and a "sandbox" to try out the survey at <https://sargis.napsgfoundation.org/>.

Additionally, you can find information about the FEMA Preliminary Damage Assessment (PDA) templates for Survey123 at

<https://community.esri.com/groups/survey123/blog/2018/09/11/using-fema-s-survey123-preliminary-damage-assessment-templates>

Additional resources from this virtual seminar may be accessed at

<https://www.napsgfoundation.org/resources/tornado-readiness-and-resources/>.

