

NAPSG Foundation Research & Development Efforts

Ryan Lanclos, NAPSG Foundation

rlanclos@publicsafetygis.org | [@RyanLanclos](https://twitter.com/RyanLanclos)



Geospatial Subject Matter Expertise

Our GIS Subject Matter Experts can augment your capabilities by providing technical assistance, solution development and implementation. We craft geospatial solutions that support your workflows, and the mission-critical decisions that must be made.



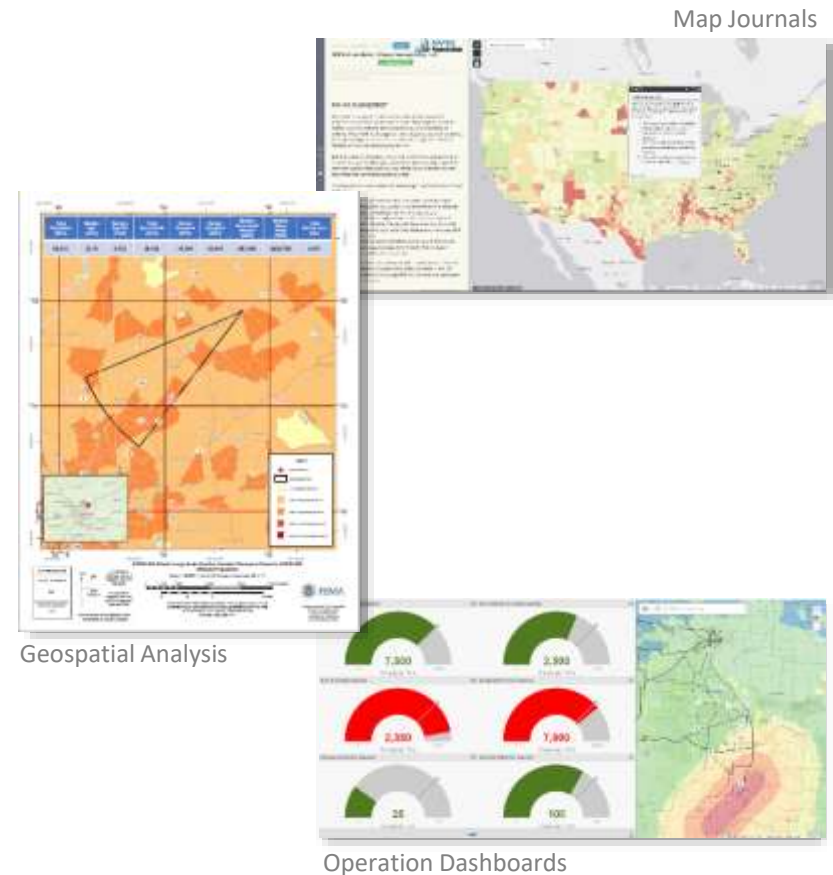
Business Planning & Documentation

Just as success in public safety starts with planning, so does successfully implementing GIS capabilities. Whether it is assessing needs, documenting procedures, or strategic planning, we'll provide you a roadmap for success and help keep you on track.



Training & Education

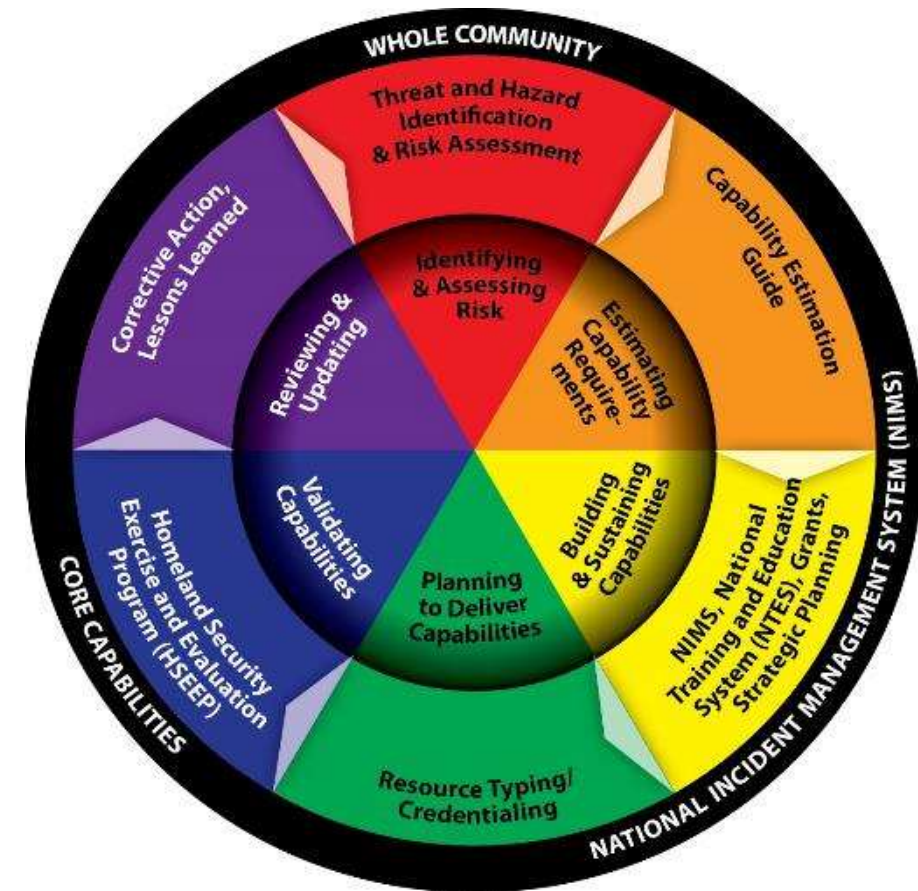
Training and education focused on your workflows and solutions helps ensure adoption and use of your GIS. We develop and conduct training where you need it most, and can help train staff to your standards and guidelines across the organization.



National Preparedness System: Building Resilience

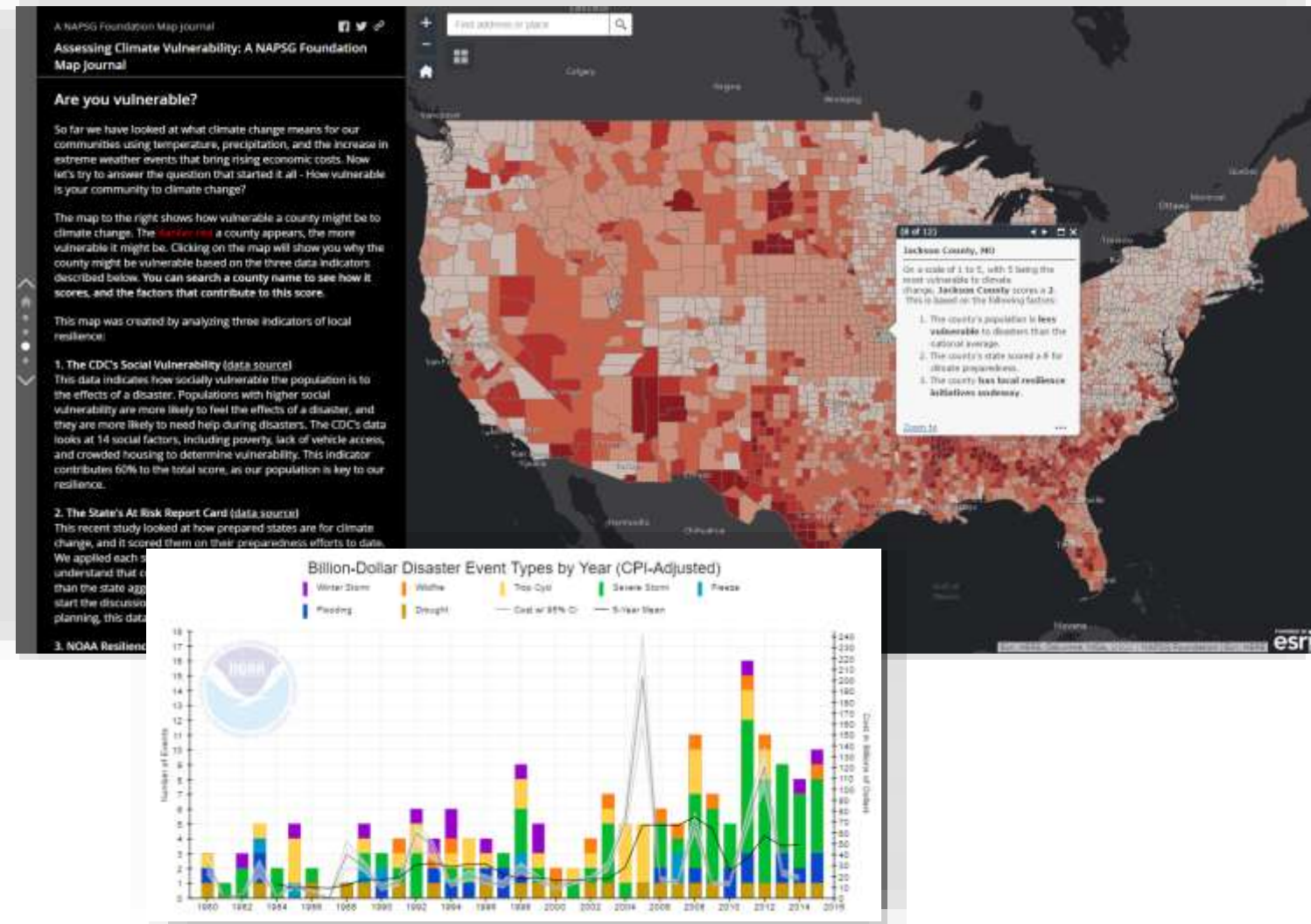
Six Steps towards Achieving the **National Preparedness Goal**:

1. Identifying and Assessing Risk
2. Estimating Capability Requirements
3. Building and Sustaining Capabilities
4. Planning to Deliver Capabilities
5. Validating Capabilities (i.e., Exercise)
6. Reviewing and Updating



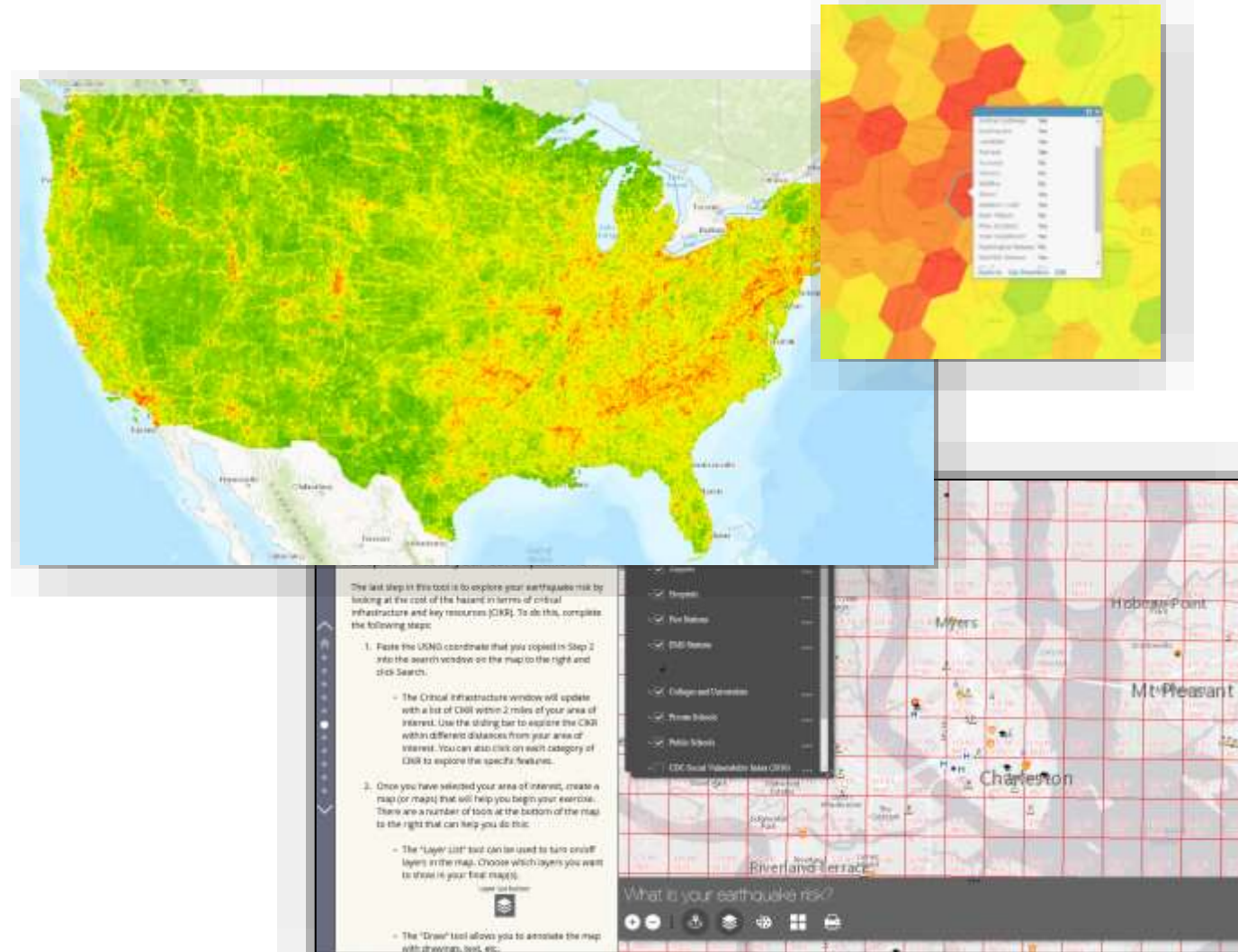
Assessing Climate Vulnerability

- Augment the National Climate Assessment
- Translate impacts to local level
- Provide insight on how to become more resilient
- Encourages use of GIS to enhance preparedness



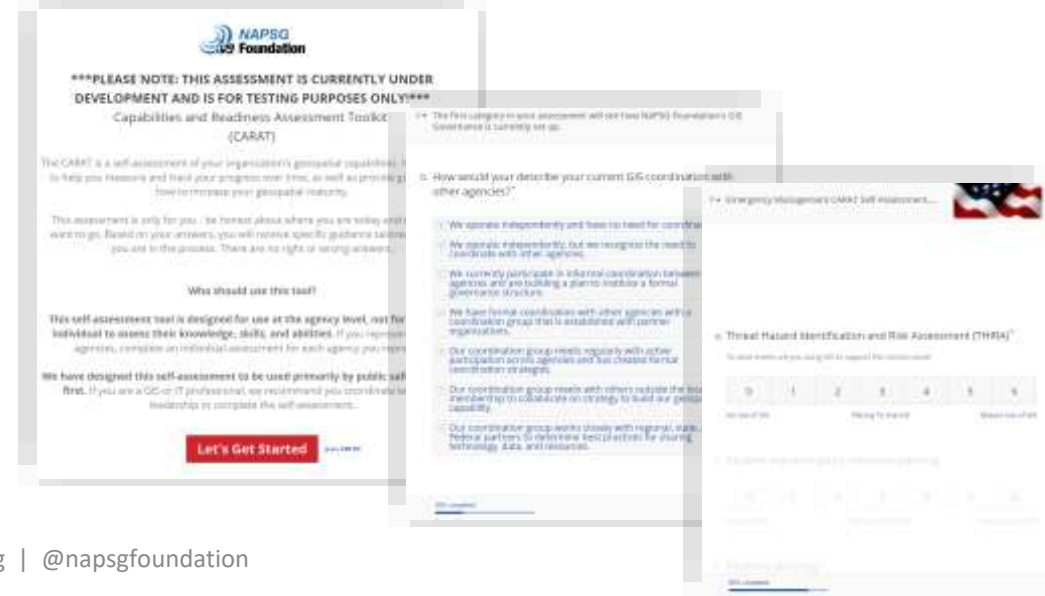
National Hazard Exposure Explorer

- Aid in understanding of local hazard exposure
- Uses authoritative data sets aligned with THIRA
- Easy to follow 3-step process
 1. Assess Overall Exposure
 2. Explore Specific Hazards
 3. Select Target for Discussion
- Encourage preparedness
 - Provides simple PDF map
 - Provides access to GIS data



Capability and Readiness Assessment Tool (CARAT) Online Self-Assessment

- Help organizations build a **solid foundation**
- Provide **more fidelity**
 - Expand current Crawl, Walk and Run
- Be more **discipline specific**
 - Emergency Management
 - Fire/Hazardous Materials
 - Emergency Medical Services
 - Intelligence & Fusion Centers
- Assess **overall maturity**
 - Geospatial Continuum
- **Guide the user** through the process











RESOURCES

Welcome to NAPSG's Resource Library. Here you can access all of the key resources that NAPSG makes available to the community at no cost, to support you and your agency in advancing the use of location-enabled decision support tools.

The Resource Library is organized by resource category. Simply click on the Category of interest and begin exploring available resources. You can also search for resources by entering-in a keyword into the search box in the upper right hand side.

SEARCH RESOURCES

All Categories

 Best Practices and Standards	 Education and Training	 Event Proceedings and Materials	 Qualifications and Credentialing
 Standard Operating Guide Templates	 Symbol Library	 US National Grid Resources	 Safe & Resilient Toolkit



SAFE & RESILIENT TOOLKIT

Climate Resilience

How vulnerable is our community to climate change? If you were asked this question, would you know how to answer? This journal is intended to help raise awareness of our vulnerabilities, and to start a dialogue about building resilience at the local level.



Hazard Resilience

Explore the presence of natural and technological hazards in your area of the county using this interactive National-Level Hazard Atlas. Explore what hazards exist near your community as you work on planning, preparedness, and mitigation efforts to increase your community's resilience.



Geospatial Technology Resilience – Now in Public Beta!

Assess your agency's geospatial readiness by completing an online self-assessment of your current capabilities. The new CARAT tool is being developed to guide you through an assessment, and to provide actionable recommendations that will help you progress in areas where you need it most.



GEOSPATIAL SUPPORT FOR PUBLIC SAFETY

This toolbox is designed to raise awareness and support preparedness efforts. Utilized in combination with free [resources for the community](#) such as Education & Virtual Training, Organization Standard Operating Guidelines, and National Guidance Documents, you can build your GIS capacity and resilience.

WORK WITH US

Do you have an interesting project and need support? Take a look at our capabilities, or email us if you want to start the discussion: services@publicsafetygis.org

Our expertise is in public safety GIS, and as a non-profit we are dedicated solely to your success. Download the brochure below for more information.



Questions?

Ryan Lanclos, NAPSG Foundation

rlanclos@publicsafetygis.org