

# GIS Resources for Fire/Rescue and EMS

Information, tools, and training for learning about and using GIS

Scan QR Codes to go to selected web pages, or to download a digital version of this document (with all referenced hyperlinks) go to: <https://esri.box.com/FireGISResources>

## Getting Started:

<a href="#">Esri Fire Industry Page</a>	Information about Fire GIS and more
<a href="#">Guide to Building a Public Safety GIS</a>	Basic principles of creating and maintaining a public safety GIS
<a href="#">GIS for The Fire Service</a>	An Esri Whitepaper with more details on above
<a href="#">Esri Industry Resources</a>	Request form for having the links and pdf's listed below sent directly to your email.
<a href="#">Disaster Response Program</a>	Request assistance for GIS support in the event of a major disaster <a href="http://www.esri.com/services/disaster-response">http://www.esri.com/services/disaster-response</a>



## Technical Training:

### General GIS Skills

<a href="#">Learn GIS</a>	Free online technical training courses provide a good jump start on learning the basic GIS technical skills for analysts.
<a href="#">Getting Started With ArcGIS Online</a>	
<a href="#">Getting Started with ArcGIS</a>	



<a href="#">Getting To Know ArcGIS Desktop</a>	Hardcopy book tutorials provide similar content as above online training.
<a href="#">The GIS 20: Essential Skills</a>	



<a href="#">Geospatial Statistics</a>	Tutorials and case studies help GIS analysts build skills to find patterns and relationships in data; examine, model and explore data relationships; predict spatial outcomes and design targeted interventions.
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### Fire Specific Training

<a href="#">Fire Mapping Tutorials</a>	Tutorials compiled from ArcUser articles provide step by step exercises for learning fire related GIS skills such as data management, response time and incident analysis and more. Note: Earlier articles are based on previous versions of Esri software, but the basic principles and concepts still apply to fire workflows. See links under "Best Practices".
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## Contact Us:

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## Tools:

### General GIS

#### [Guide To ArcGIS Online](#)

If you are new to GIS, click here to learn how to create, use and share maps using ArcGIS Online. This site also has links for instructions on how to set up and use ArcGIS Online for your entire organization.



#### [ArcGIS Desktop](#)

To download a trial version of Esri's ArcGIS software, scroll down to the "Try it today ArcGIS 10 for Desktop" box and click on the "Free Trial" button.



#### [Esri Insights](#)

Esri Insights is an online tool available with an ArcGIS Online Account. Esri Insights is a powerful web app that allows users to access valuable demographic, lifestyle and business data which is especially useful for vulnerability assessments and prevention programs.



### ArcGIS for Fire-Rescue | Solutions Templates

#### [Fire Run Book](#)

#### [Home Safety Survey](#)

#### [Pre Incident Planning](#)

#### [Target Hazard Analysis](#)

These are a robust set of map and app templates for creating fire department maps, apps and information products. Developed with direct input from the fire service GIS community, they are offered as a free download to fire and GIS personnel who use core ArcGIS to produce these common map products.



#### [MapSAR](#)

Search and Rescue (SAR) tools and resources were developed by the MapSAR team for the wilderness SAR community. The models, documentation and training are available for download at this site and are relevant to the workflows of other SAR disciplines as well.



## National Organizations and Standards for Public Safety GIS:

### National Alliance For Public Safety GIS (NAPSG)

#### [NAPSG](#)

The National Alliance for Public Safety GIS is a consortium of national associations promoting the advancement of GIS for public safety. They host communities of interest, workshops and other useful resources.



### National Fire Protection Association (NFPA)

#### [NFPA 950](#)

#### [NFPA 951](#)

NFPA is the national standards making body for the US fire service. NFPA 950, published in the fall of 2014, is the new standard for data development and exchange and includes the specifications for building and maintaining a GIS. The guide (document #951) will include useful information on technology planning and implementing a GIS. The final public input period will end in November of 2014 and the document is scheduled to publish in 2015.



### Center For Public Safety Excellence (CPSE)

#### [GIS for Accreditation](#)

Under "online training" click on "Virtual Advanced Technology for Community Risk/Standards of Cover" to learn about the CPSE sponsored GIS Training for Accreditation.



### National Wildfire Coordinating Group (NWCG) Geospatial Subcommittee (GSTOP)

#### [GSTOP](#)

The GSTOP program offers the standard, training and tools for GIS analyst credentialing to support incident management teams.

