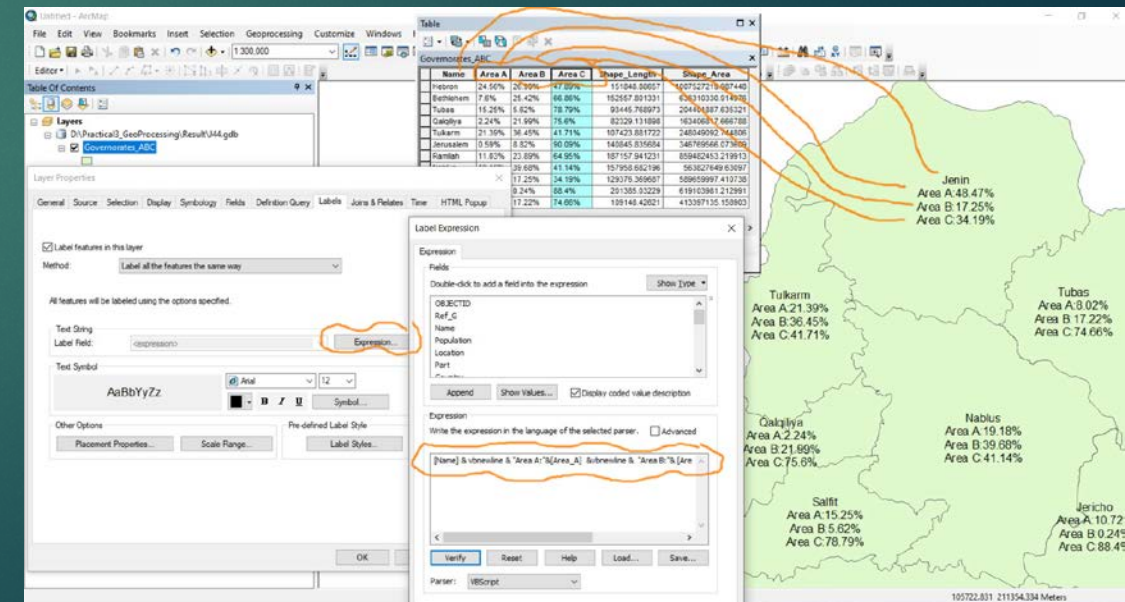




# A GIS Trained Office

What matters most

A shameless plug for Esri and  
SCAUG training  
By Diane Johnson





The background of the slide is a dark teal color. In the top-left corner, there is a small inset image showing an aerial view of a city with a river. In the top-right corner, there is a solid red rectangular graphic element.

# What a GIS is and what it does

- a computer based system to aid in the collection, maintenance, storage, analysis, output, and distribution of spatial data and information.
- Saves lives
- Guides expert decision making and facilitates solutions
- Provides a means to distribute analyzed data rapidly and efficiently
- Helps keep the spatial data of governments, businesses, and lives organized





# GIS Resources

- Esri: training, blogs, community, Users Conferences
- SCAUG and other professional GIS organizations
- Colleges and universities
- agencies such as USGS and NOAA provide guidance about the proper policies for collecting, mapping, storing, and sharing data.
- ***The following video is graphic in nature.*** I watched it from the perspective of a GIS analyst with responsibility. It really caused me consider my ways.
- It is about training, education and integrity. What would it be like having an office with an awareness of the importance of their spatial data, how to access it and the workflows that are associated with that data, in case of an emergency?

# “Trial By Fire”: Story of the USS Forrestal







# Key Takeaways:

- Preparation
- Leadership
- Training and re-training
- GIS software and techniques can't be learned on-the-spot or after a problem starts
- Put first things first

# • Resources:

American Society for Photogrammetry and Remote Sensing: <https://www.asprs.org>

Esri: <https://www.esri.com/training/events/search>

GIS Day: <https://www.gisday.com/en-us/overview>

NASA: <https://www.nasa.gov>

<https://www.earthdata.nasa.gov/learn/gis>

<https://science.nasa.gov/earth-science>

National Map Viewer: <https://www.usgs.gov/tools/national-map-viewer>

National Oceanic and Atmospheric Administration: <https://www.noaa.gov>

United States Department of Agriculture: <https://www.fs.usda.gov>

United States Geologic Survey: <https://www.usgs.gov>

United States Naval Institute: <https://www.usni.org>



# Credits:

NASA: [images-assets.nasa.gov/image/iss069e071346/iss069e071346~orig.jpg](https://images-assets.nasa.gov/image/iss069e071346/iss069e071346~orig.jpg)

[images-assets.nasa.gov/image/iss069e084548/iss069e084548~orig.jpg](https://images-assets.nasa.gov/image/iss069e084548/iss069e084548~orig.jpg)

United States Navy: [https://www.youtube.com/watch?v=U6NnfRT\\_OZA](https://www.youtube.com/watch?v=U6NnfRT_OZA)