

## GIS Mobilization

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### Unit Objectives

At the end of this unit each student will:

- Describe the pre-assignment responsibilities of a GISS.
- Describe what equipment and supplies should be included in GISS mobilization kit.
- Describe what equipment and personal items should be included in the Red Bag.

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### Unit Objectives continued

- Describe what information a GISS should ask for when called to mobilize.
- Give examples of incident data/information collection resources.
- Explain what data/information is available at each resource.

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### Your kit should include....

- General office supplies
- Job aids
- Reference material
- Phone numbers of contacts who can help
- Laptop (Administrative Rights) with all necessary download cables and accessories



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### Your Redbag...

- Must include your personal protective equipment (PPE)
- Don't forget warm clothes!
- Sleeping bag and tent.
- Personal hygiene products
- Clothes for at least 14 days
- Remember you are going camping!
- Flashlight



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### When the phone rings...

Get the information you need from your resource order.

- Travel arrangements
- Incident number
- Contact person and numbers
- Your O number!

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## Data Needs

- **Base data**- static layers including both raster data (*i.e.* DRGs) and vector data (*i.e.* wilderness boundaries)
- **Incident data**- data tied directly to an incident (*i.e.* fire origin)
- Data requirements depend upon what products the situation unit needs

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## <ftp.nifc.gov>

### \Statewide\_GIS\_Data

- Interagency ftp site that allows base data download via anonymous login
- Posting data requires a login
- Data was posted by BLM Regional Office contacts
- DRGs and other data are available for the Western US and Alaska

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## <ftp.nifc.gov>

### \Incident\_Specific\_Data

- This site is organized by GACC and fire name.
- Each incident will have it's own directory.
- The incident directories will be created, as needed, at the request of each incident management team's lead GIS person to FTP site managers.
- Incident specific directories will be given a username and password that will be passed on each team that transitions in, to manage the fire.

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<http://firedata.cr.usgs.gov>

- Fire Data Ordering site developed by USGS to deliver DRGs, DEMs, shaded relief, or DOQs in requested projections.
- Vector fire data can be downloaded free including MODIS, AVHRR, current fire locations, fire perimeters, and base data layers.
- User name and password are **FireXdata**

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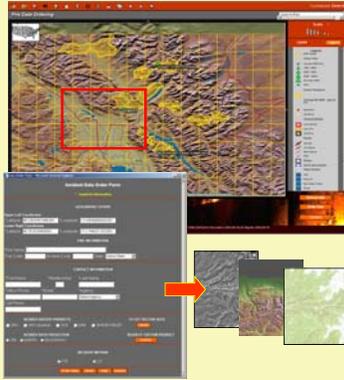
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### Fire Data Ordering

- Restricted to Fire personnel
- Access to additional datasets
- Vector data - ArcIMS extract tool
- Order custom raster data: DRG, DOQ, DEM, shaded relief with fire number



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### What Hardware is Necessary

- This will be a judgment call.
- You will have to assess the needs of the incident,
  - workload vs. the amount of personnel assigned vs. the hardware available.
- You may have to order hardware through a private vendor, talk with your SITL.
- You may get needed cables from the local contacts you have made.

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## Assemble Your Hardware

- At some level you will have to set up hardware for yourself.
- You may have to order hardware through a private vendor, talk with your SITL, work with the Buying Team.
- You may get parallel cables and such from the local contacts you have made.

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## Arriving at the incident

- Check-in
- Meet your Situation Unit Leader
- Meet your co-workers and get lined out.
- You should start working as soon as you walk in the door.
- Keep a **POSITIVE** and **FLEXIBLE** attitude

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Some days may leave you feeling like this...



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## GIS Mobilization: Summary

- Pre-Assignment Responsibilities
- GISS Kit and Red Bag
- When the Phone Rings
- Data & Information Resources
- Hardware

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