

# GIS FOR THE LARGE SEARCH OPERATION

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# PLAN AHEAD!

- Know who would respond in your area (resources) and what areas you could be sent to
- Get your Minimum Essential Datasets (MEDs) in order now!
  - DRGs (Topos)
  - DOQs (Aerial Imagery)
  - Hillshade
  - Slope
  - Rectified Brochure Maps
  - Boundaries
  - Watersheds
  - Hydrography
  - Place Names
  - Buildings
  - Communications
  - Roads & Trails (social/winter)
  - Buildings
  - Ground & Air Hazards
  - Aviation (Helispots/LZs)
  - Historic SAR incidents
- Pre-segment (ground and air)
- Order inks/cartridges/paper for your plotters and tabloid-size printers and GPS cords/batteries
- Know your technology.....practice!!
- Comfort with ICS & acronyms
- What format/datum/projection will you use in your area? (IAP)

# PREP PRODUCTS

- **Communicate with your SITL/Plans Chief!**
  - Be aware with the current status of the incident.
  - Are you using GIS/map request forms? Or direct orders?
  - Ask questions if something doesn't seem logical, but don't be a nudge.
  - Get Clues/Info back and into GIS/on the maps
  - Figure out how maps will get to teams/briefing – request runners if necessary.
- **Tools for Segmenting if Necessary**
  - mxds as templates
  - Topos for drawing on (or old-school, acetate)
  - Web Tools
    - AGOL/Portal
    - Geocortex Web Viewer
- **Menu of Products**
- **GeoPDFs**
  - Avenza – Check current licensing. Create spatial PDFs for products.
- **Mobile Apps**
  - Carry Map, Collector, Survey123, etc.

# THINK OUTSIDE OF THE BOX

- Once your core products are out, then...
  - Sleep/Eat if necessary
  - Attend a briefing
  - Help the Consensus Team? (rank segments)
  - Are there any analyses that you/your GIS can assist with?
    - Radio Coverage
    - Cell Phone
    - Travel-Cost Model
    - Potential Landing Zones
    - Sound Analyses
  - Be prepared for GPS coming in – can you train someone to assist?