San Diego Regional Common Operational Data (GIS)

San Diego Multiple Agency Public Safety (SanMAPS)

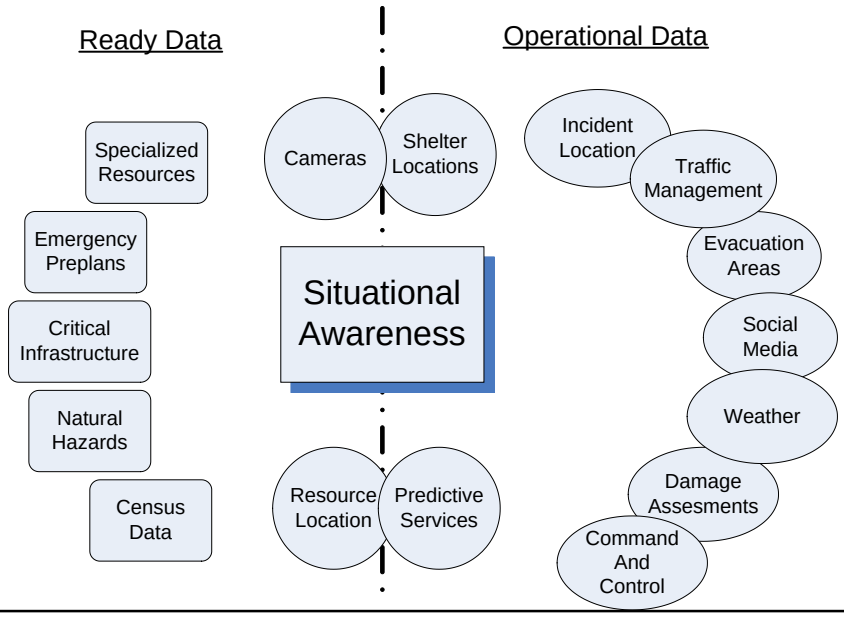
Business Need

- Maps support everyday efforts to protect, prevent, mitigate, respond and recover to events.
- Ease of access to authoritative, valid data can be a challenge
- Variety of types of users
  - GIS Professionals
  - Public Safety First Responders
  - Public Safety Support Services
  - Executive and Political Leadership
  - Public

Objective

*To provide a **regional** solution to create, catalog, share maps, data and applications for public safety stakeholders.*

Types of Data



Goals

- Share the same data across jurisdictions
- Share the same data across disciplines
- Common source of accurate and timely data
- Common, regional templates
- Serve various levels of users
- Ability to share with partners

Recommended Solution

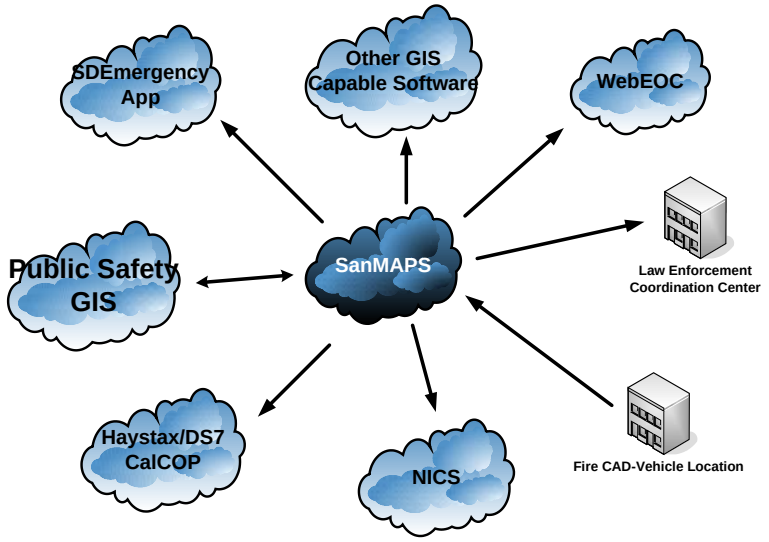
- Joint effort between UDC – Public Safety GIS and County GIS Program.
- County GIS – Early version of SanMAPS for OES and Sheriff already existed
- New capabilities of ArcGIS Online
- Expand capabilities of SanMAPS to invite all public safety stakeholders in San Diego region.
- Existing capability for most public agencies – limited or no new cost to implement.

ArcGIS Online
SanMAPS Group

- Cloud based storage location available from any internet browser
- Organizes map services, web maps, web mapping applications
- Creates functional groups (private or public)
- Publishes map products (print, embed in web sites, web page)
- Serves various types of users

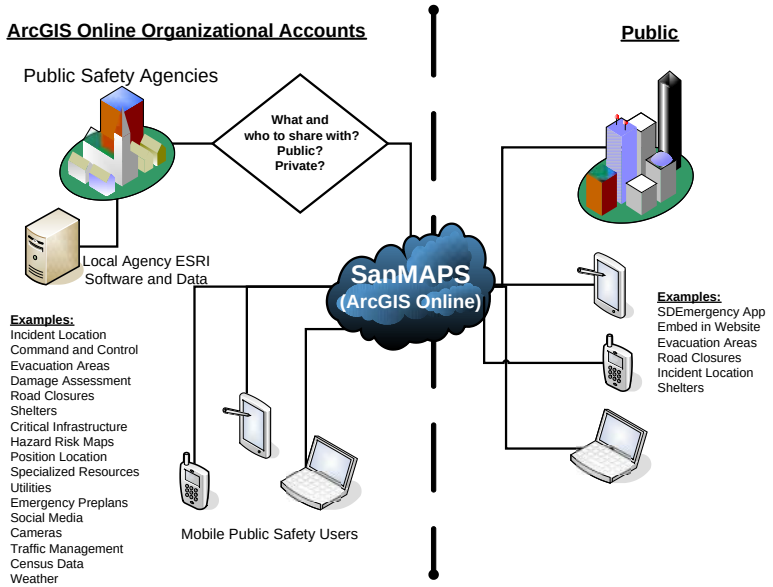
Think about SanMAPS – ArcGIS Online as a library of GIS data and applications

Common Operational Data – San Diego Ecosystem

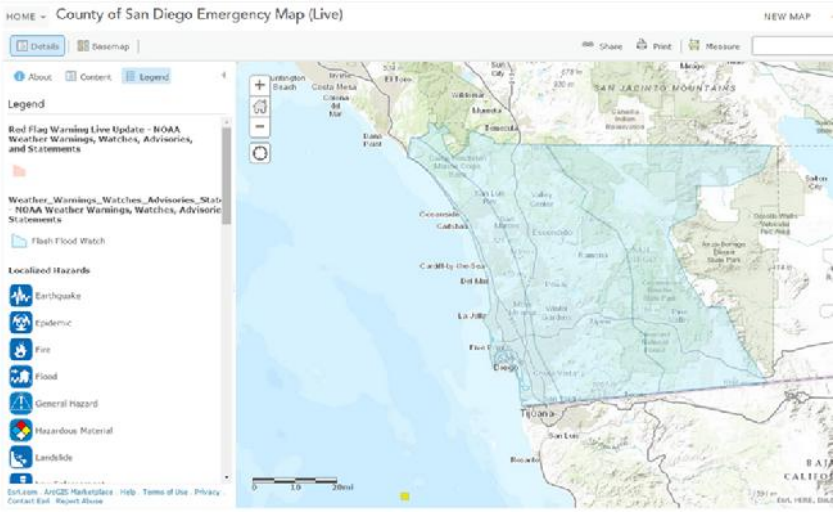


Page 1

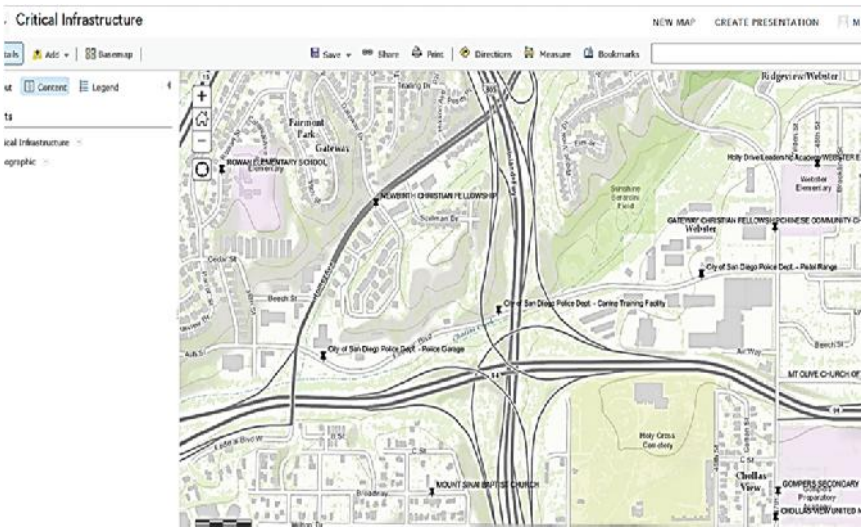
ArcGIS Online - SanMAPS



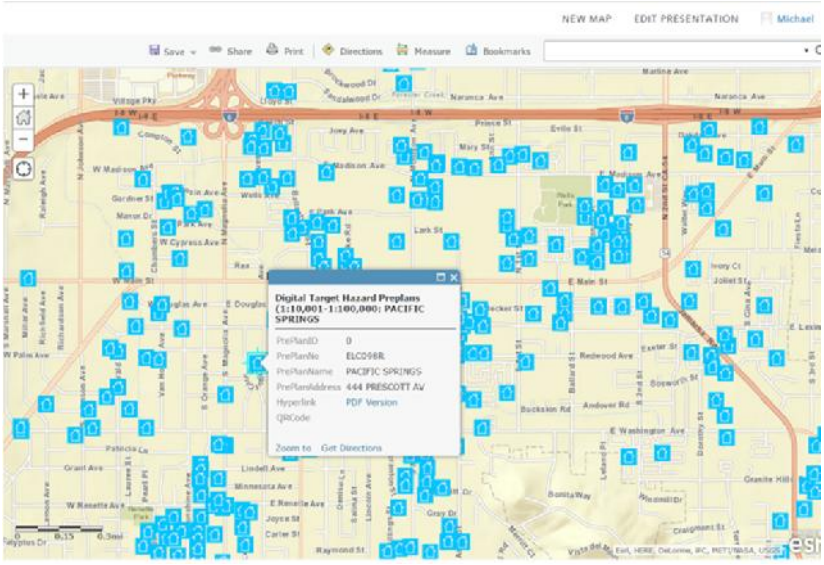
County of San Diego Emergency Map



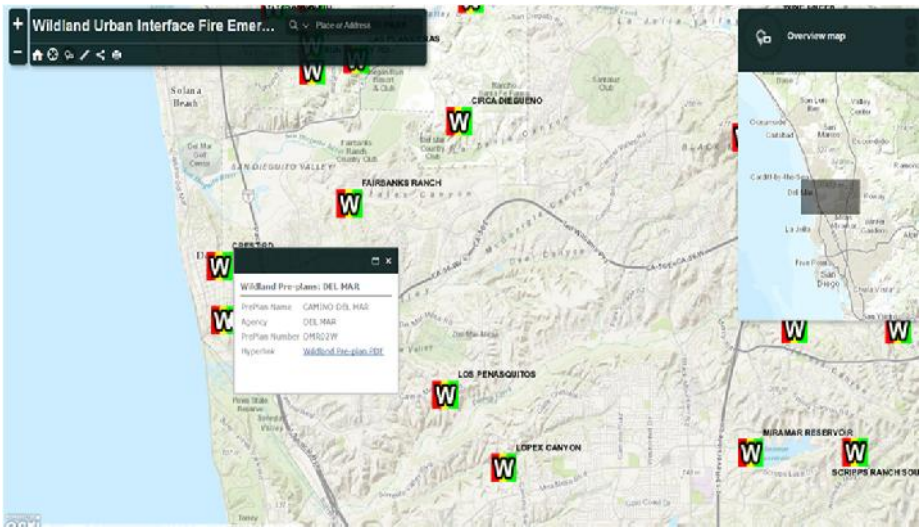
Critical Infrastructure



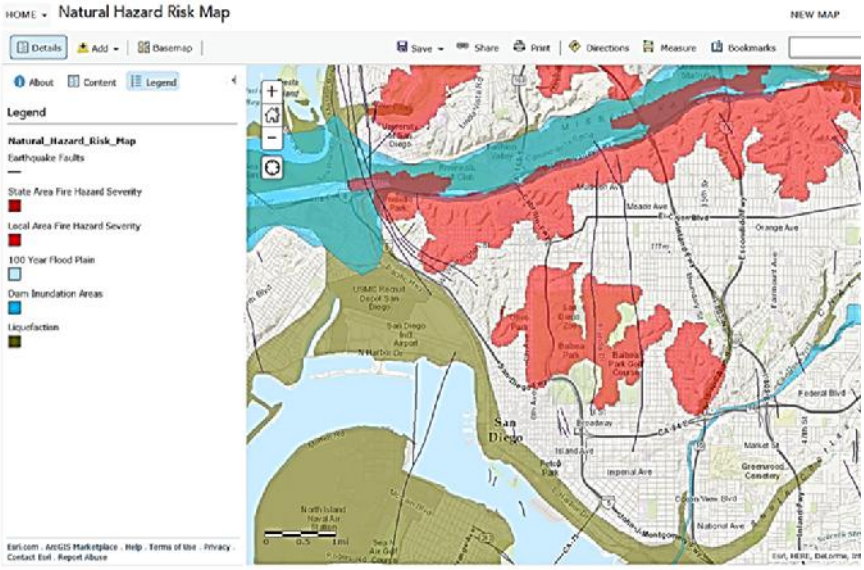
Target Hazard Plans



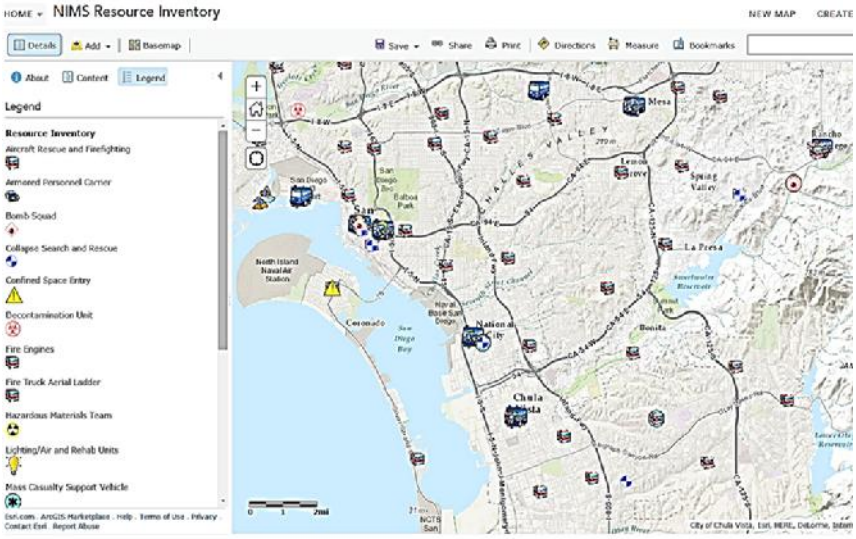
Wildland Plans



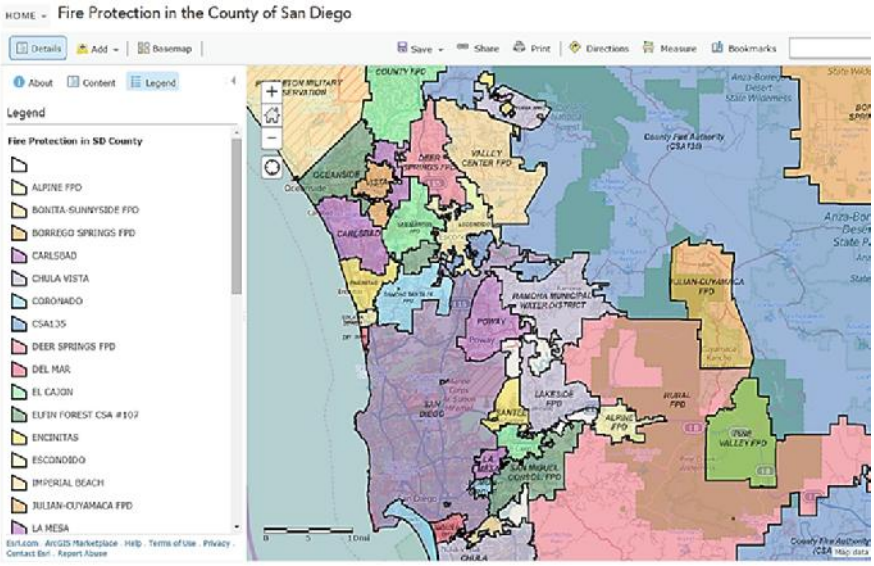
Natural Hazards



NIMS Resource Inventory



Jurisdictional Boundaries



Next Steps

- Continue to develop data sources.
- Assist in developing user accounts and access to the SanMAPS group.
- Provide training to interested stakeholders.
- Assist in development and implementation of applications.
- Evaluate and/or recommend Situational Awareness Map Solutions to the region.