Regional Public Safety Geodatabase

Unified Disaster Council
Ad-hoc Committee
Recommendations

Project Vision

Provide Public Safety GIS Data that is:

- Interoperable (common symbols, templates etc..)
- Multi-jurisdictional
- Multi-disciplinary
- Displayed visually (map viewers)
- Multiple platforms, delivery methods

Project Accomplishments

- Regional Data Model
- Single Repository for data
- Regional Templates – Target Hazards/WUI Plans
- Aerial Imagery Joint Purchase
- Completed 2000 Target Hazard Plans
- CAD Mapping
- Regional Response Map
- Change model process

Remaining Objectives

- Complete additional 3000 Target Hazard Plans
- Develop web-based services for distribution
- Develop data sharing systems/agreements
- Develop map viewers for visual data display
- Integrate with DEH– Hazardous Business Plans
- Complete high priority Wildland Urban Interface Plans
- Enhance system security policy/procedure
- Integrate law enforcement and emergency management needs

Current Project Management

- Regional Technology Partnership oversight
- Project Manager – UASI funded
- Steering Committee
  - Fire Zone representation
  - Collaboration with LECC
- Working Group

UDC Ad-hoc Committee

- County of San Diego Office of Emergency Services – Holly Crawford
- City of San Diego Office of Homeland Security – John Valencia
- City of La Mesa – Police Chief Ed Aceves
- City of Lemon Grove – Deputy Fire Chief Tim Smith
- City of Vista – Fire Chief Rick Minnick

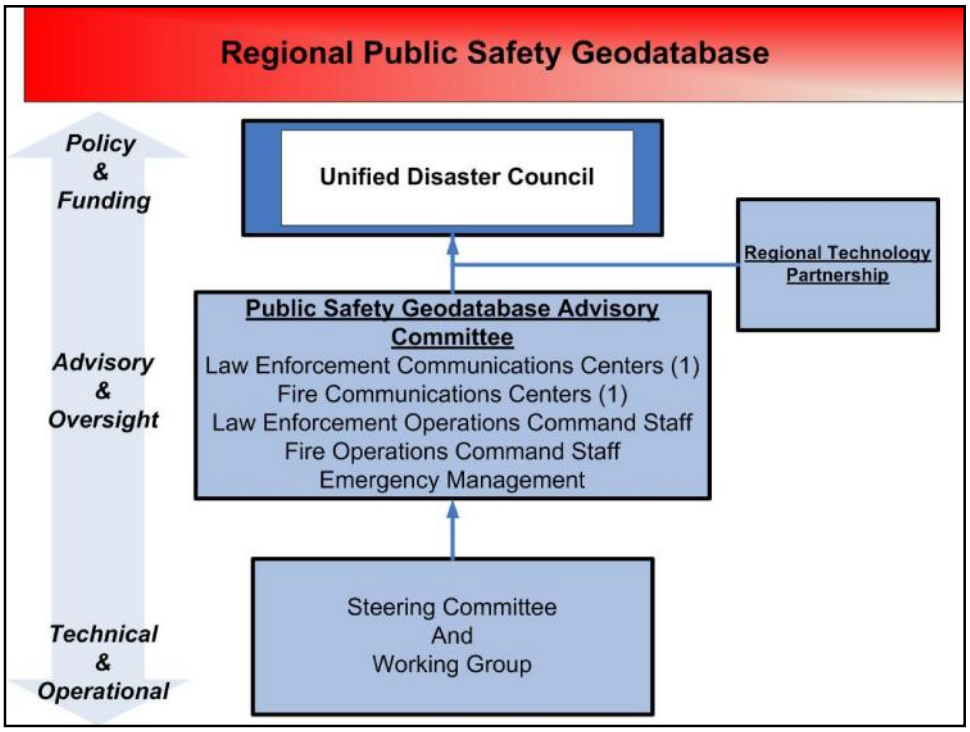
Recommendation #1

Designate the Unified San Diego County Emergency Services Agreement and the Unified Disaster Council as the appropriate solution for the RPSG governance.

The membership of the UDC is reflective of the current stakeholders in the project and provides an existing agreement that supports regional efforts of this type.

Recommendation #2

Create a multidisciplinary advisory committee with subject matter stakeholders to advise the Unified Disaster Council regarding policy and funding recommendations.



Recommendation #3

Continue to utilize the City of San Diego Office of Homeland Security to manage the UASI grant funding and existing contractual agreements to support the program.

The City of San Diego plays a critical role in the current grant management and contractual responsibilities. Assuming that the region will continue to utilize UASI grant funding, the City of San Diego should maintain those responsibilities of grant management and contract administration.

Recommendation #4

In the short term, continue to utilize a combination of existing contractor services to manage and develop the project.

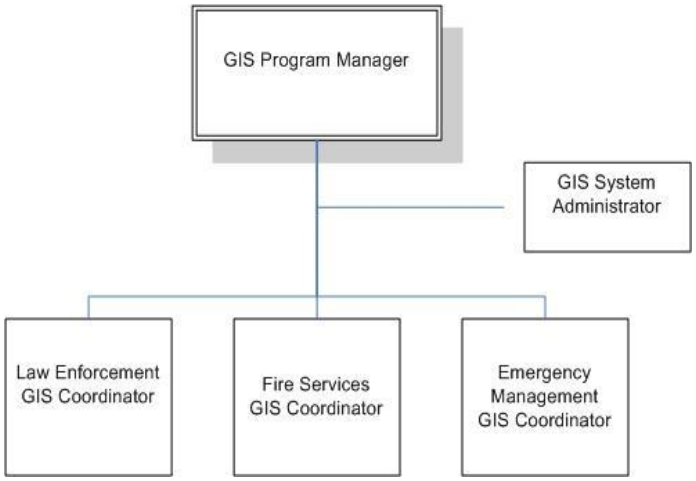
The region utilizes a combination of contractor services and agency employees to support the RPSG project. In the short term, this may be the best solution. In the long term, the UDC will need to explore the various approaches to supporting the program.

Recommendation #5

In the long term, the UDC should assume the lead in determining how to provide program management and staffing at the regional level.

In order to maintain the RPSG, a minimum level of staffing is required for regional coordination and program sustainment.

Regional Program Structure – Example One



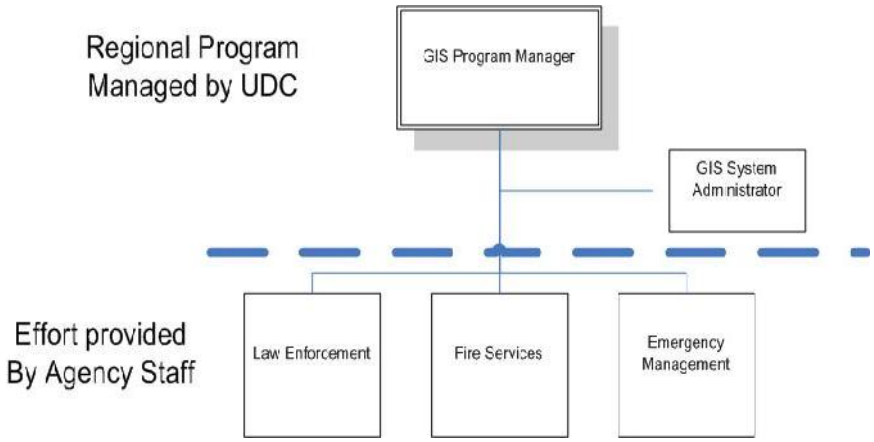
Program Deliverables

- Target Hazard Plans – maintain current plans and continue to develop new plans.
- Regional Map Book – maintain the map book for the region to make sure stakeholders have access to the most current data.
- Map Viewers – continue to develop and maintain map viewers in support of the various stakeholders.
- Hazardous Materials Business Plans – maintain the GIS database based on Department of Environmental Health updates that allow first responders the most current information through a map viewer.
- Computer Aided Dispatch Mapping – maintain updates for all CAD users on data such as addressing, street centerlines and jurisdictional boundaries.
- Next Generation 911 – support the requirements for address verification and emergency call routing through GIS layers.

Program Deliverables

- Regional Resource Inventory Data – maintain the database that provides an inventory and map viewer of NIMS typed regional resources.
- Web Mapping Services – continue to maintain a set of mapping services that can share data with other incident management and decision support systems.
- Wildland Urban Interface Fire Emergency Response Plans – maintain current plans in the database and continue to add new plans to the database. .
- Aerial Imagery – continue to support the provision of aerial imagery for the region.
- System security – maintain the policies and procedures for providing system and data security.
- Public Safety Geodatabase – maintain the regional database server and cloud services.

Regional Program Structure – Example Two



Estimated Operating Budget

Annual Expense	Example One	Example Two
Personnel Cost	$800,000	$350,000
Administrative Support	TBD	TBD
Software Support	$10,000	$10,000
Capital Equipment Replacement Plan	$5,000	$5,000
Connectivity	$30,000	$30,000
Cloud Services	$10,000	$10,000
Totals	$855,000	$405,000

Recommendation #6

If possible, continue to utilize grant funding to support the program management, administrative support and operating cost.

Utilizing grant funding for the program management, administrative support and operating cost will reduce the impact on member assessments

Recommendation #7

If grant funding is not available, may need to identify member assessments and user fees as potential funding mechanisms.

If grant funding is not available, the UDC members may need to consider utilizing member assessments to sustain the program.

Recommendation #8

The UDC should assume the formal role of governance on July 1, 2014.

The role of responsibility for overall governance of the San Diego RPSG should be transitioned to the UDC on July 1, 2014. The UDC would have final authority on policy and funding issues and would receive recommendations from the UDC Advisory Committee and the RTP.

** No formal governance today. Critical step to allow authority to enter into agreements.*

Funding Sources

- Grants
- Member Assessment
- User Fees

Key Benefits

- Provides a legal entity for forming policy and budget.
- Allow intergovernmental agreements.
- Formalize the regional structure, roles and responsibilities.
- Supports regionalized multi-jurisdictional efforts.
- Provides a mechanism for procurement of services.
- Provides a mechanism for sustaining the capability.

Key Points

- Accepting the recommendations does not commit members to a certain funding level.
- Any future budget that impacts member assessments would come before the full membership.
- Provides a path forward to sustain an important capability.
- Provides a long term governance model for future decisions.
- This capability is an integral part of the systems that support public safety preparedness, response and mitigation.

Recommendation:

That the UDC review, discuss and approve the recommendations in the Regional Public Safety Geodatabase Recommendations Report.