



**To: Bay Area UASI Approval Authority**

**From: Elizabeth Holden**

**Date: March 14, 2013**

**Re: Item #9: Land-Use Recovery Strategy & Regional Resilience Initiative Gap Analysis**

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Funded by the Regional Catastrophic Planning Grant Program (RCPGP) during fiscal year 2010, the San Francisco Planning and Urban Research Center (SPUR) and the Association of Bay Area Governments (ABAG) have each produced reports focused on long term recovery after a major catastrophic disaster. Both reports contain detailed information about the challenges the region will face in the recovery phase and articulate what a regional recovery vision could begin to look like.

**Summary:** San Francisco Planning and Urban Research (SPUR)

*On Solid Ground: Land Use Planning for Disaster Recovery in the Bay Area, A Strategy Report* focuses on land use planning and rebuilding after a major earthquake and provides recommendations for what local jurisdictions can do before and after the next major catastrophic disaster to help support recovery in the twelve jurisdictions of the Bay Area UASI region. The report contains 68 recommendations, several of which are highlighted and expanded upon below.

**Recommendations:**

1. *Work with local jurisdictions to answer the question of “who decides who decides” in the post-disaster period (pg. 12 - 13)*

- Extend ICS structure into the Recovery phase

Next Steps:

- Create local recovery task forces
- Consider ICS training for additional disciplines (i.e. city planners, building departments)

2. *Complete liquefaction and landslide mapping for high-risk parts of the Bay Area (pg. 28)*

- Fund the California Geological Survey (CGS) to complete the mapping of landslide and liquefaction zones in high-risk parts of the Bay Area

3. *Develop a toolkit of model ordinances and other materials for jurisdictions to use in the post-disaster period (pgs. 13, 29, 37, 39, 40)*

- Develop standardized legislation for each local jurisdiction that:
  - Addresses each jurisdiction’s specific recovery needs

- Assembles, reviews and develops interpretation of regulations governing post-earthquake building repair and reconstruction
  - Develops local procedures to assure that the post-earthquake repair and retrofit requirements of the California Building Code are met, including the appropriate collection of building damage information
4. *Work with jurisdictions to develop local comprehensive disaster recovery financing plans (pg. 52)*
- Conduct assessments in each Operational Area about financial impacts of an earthquake
  - Develop policies and procedures for setting aside funds for recovery efforts

Next Steps:

- Develop a plan to ensure that communities have adequate resources to fund likely repairs and rebuilding, as well as meet post-disaster recovery demands
  - Provide training to financial staffs on FEMA reimbursement guidelines
5. *Conduct vulnerability analyses to inform mitigation and anticipate post-disaster damage patterns (pg. 63)*
- Develop a comprehensive inventory of all vulnerable buildings in the twelve Bay Area counties based on: building types and locations, location and status of key pieces of infrastructure, and geological maps that characterize known vulnerabilities

**Summary:** Association of Bay Area Governments (ABAG)

The *Regional Resilience Initiative: Policy Agenda for Recovery* identifies solutions to more quickly and efficiently recover from a major catastrophic disaster. ABAG emphasizes the pressing need to have a regional governance structure to effectively coordinate and implement recovery efforts that may require jurisdictional coordination and collaboration across the region. The report provides an action plan to improve the region's capacity to implement a regional recovery process.

The key questions examined:

- How will Bay Area leaders work together to plan for and address the impacts of a disaster?
- How will cities and counties in the Bay Area come together with business, nonprofit and community partners to rebuild the region and restore the economy?

**Recommendations:**

1. *Create a regional resilience policy committee and determine regional leadership*
- Establish a regional recovery policy committee comprised of public and private sector leaders
    - Develop policies to assist each Operational Area in recovery efforts
    - Develop policies with private partners to coordinate efforts and allocate resources during and after a major catastrophic disaster to foster recovery