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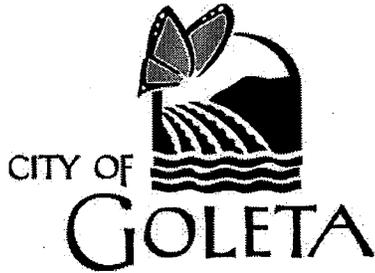
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## **SECTION 11 CITY OF GOLETA**

### **11.1 INTRODUCTION**

*This annex was prepared in 2010 – 2011 as part of an update to the Santa Barbara County Multi-Hazard Multi-Jurisdictional Hazard Mitigation Plan. The City of Goleta participated in the County wide Mitigation Advisory Committee, reviewed all portions of the previous hazard mitigation plan pertaining to the City, and incorporated relevant components into this annex. This annex serves as a complete hazard mitigation planning tool for the City of Goleta. It contains updated capability assessment information, a new vulnerability assessment, and an updated/revised mitigation strategy. The methodology and process for developing this annex is explained throughout the following sections.*

As a recently incorporated city (February 2002), Goleta is in the unique position of defining not who they are, but who they want to be. According to the vision statement from the Goleta Valley Vision, Goleta would like to be part old-fashioned suburb, and part high-tech entrepreneurial business area, with a history of cutting-edge environmentalism. The city is located in the commercial and industrial heart of the County and has in recent years drawn many high technology companies to the area. The City is located about eight miles west of the City of Santa Barbara, with a swath of unincorporated urban area between the two cities, and is adjacent to the Santa Barbara Airport and the University of California at Santa Barbara (UCSB). Located along the coast, the town has 7.9 square miles of land area, comprising a total of 5,075 acres. Goleta is in an excellent position, as it develops its policies and governance through planning and regulatory development, to institutionalize mitigation into its government operations.



OFFICE OF THE CITY CLERK  
CERTIFIED DOCUMENT

**CITY COUNCIL**  
Edward Easton  
*Mayor*

Roger S. Aceves  
*Mayor Pro Tempore*

Michael T. Bennett  
*Councilmember*

Margaret Connell  
*Councilmember*

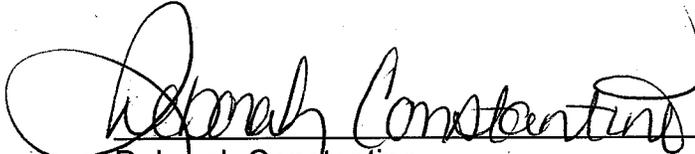
Paula Perotte  
*Councilmember*

**CITY MANAGER**  
Daniel Singer

*State of California*            )  
*County of Santa Barbara*)  
*City of Goleta*                )

I, Deborah Constantino, City Clerk of the City of Goleta, California, do hereby certify under penalty of perjury that the foregoing document **Resolution No.12-06 "A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GOLETA, CALIFORNIA ADOPTING THE SANTA BARBARA COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN"** is a full, true and correct copy of the original on file in the Office of the City Clerk, of which I am the legal custodian.

Dated this 8<sup>th</sup> day of February, 2012

  
Deborah Constantino  
City Clerk

**RESOLUTION NO. 12-06**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GOLETA, CALIFORNIA ADOPTING THE SANTA BARBARA COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN**

**WHEREAS**, the Federal Disaster Mitigation Act of 2000, as described in 44 Code of Federal Regulations Section 201.6 (44 CFR § 201.6) mandates local governments to submit and maintain a Federal Emergency Management Agency (“FEMA”) approved local hazard mitigation plan; and

**WHEREAS**, the City of Goleta (“City”) has agreed to participate in a county-wide multi-jurisdictional plan with the County of Santa Barbara as the lead agency; and

**WHEREAS**, the 2011 Santa Barbara County Multi-Jurisdictional Hazard Mitigation Plan (“Plan”) identifies each jurisdiction’s risk assessment and mitigation strategies to reduce the impacts of natural disasters on the public and local government; and

**WHEREAS**, the identification of hazards in the City assists with response planning, exercise development, public education and awareness, and other emergency management functions; and

**WHEREAS**, FEMA approved the Santa Barbara County Multi Jurisdiction Hazard Mitigation Plan, and

**WHEREAS**, the Federal Disaster Mitigation Act of 2000 requires the Plan to be formally adopted by the City Council and provided to FEMA for formal approval.

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF GOLETA DOES RESOLVE, DETERMINE, AND ORDER AS FOLLOWS:**

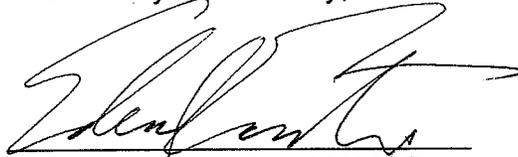
**SECTION 1:**

1. The City Council adopts the Santa Barbara County Multi-Jurisdictional Hazard Mitigation Plan; and
2. The City Council approves and adopts the City of Goleta Annex of the 2011 Multi-Jurisdictional Hazard Mitigation Plan in accordance with the Federal Disaster Mitigation Act of 2000.

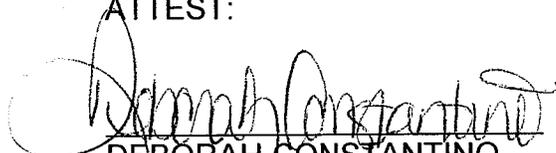
**SECTION 2.**

The City Clerk shall certify to the passage and adoption of this resolution and enter it into the book of original resolutions.

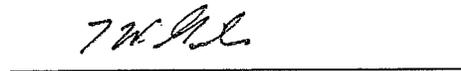
**PASSED, APPROVED AND ADOPTED** this 7<sup>th</sup> day of February, 2012.

  
EDWARD EASTON, MAYOR

ATTEST:

  
DEBORAH CONSTANTINO  
CITY CLERK

APPROVED AS TO FORM:

  
TIM W. GILES  
CITY ATTORNEY

STATE OF CALIFORNIA            )  
COUNTY OF SANTA BARBARA    )  
CITY OF GOLETA                 )        ss.

I, DEBORAH CONSTANTINO, City Clerk of the City of Goleta, California, DO  
HEREBY CERTIFY that the foregoing Resolution No. 12-06 was duly adopted by  
the City Council of the City of Goleta at a regular meeting held on the 7th day of  
February, 2012 by the following vote of the Council:

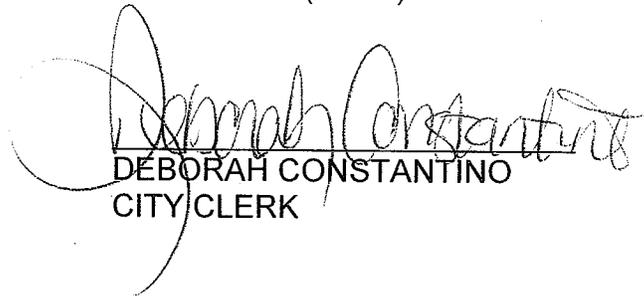
AYES:                    MAYOR EASTON, MAYOR PRO TEMPORE ACEVES,  
                              COUNCILMEMBERS, BENNETT, CONNELL AND PEROTTE.

NOES:                    NONE

ABSENT:                 NONE

ABSTENTIONS:         NONE

(SEAL)



DEBORAH CONSTANTINO  
CITY CLERK

## 11.2 INTERNAL PLANNING PROCESS

Table 11-1 lists the City of Goleta Local Planning Team. These individuals collaborated to identify the City's critical facilities, provide relevant plans, report on progress of city mitigation actions and provide suggestions for new mitigation actions.

**Table 11-1 City of Goleta Local Planning Team 2011**

Name	Title/Department
Vyto Adomaitis	Director of Redevelopment (RDA), Neighborhood Services & Public Safety
Claudia Dato	RDA, Neighborhood Services & Public Safety
Greg Nordyke	Code Enforcement/Emergency Services
Steve Wagner	Community Services Director
Rosemarie Gaglione	Capital Improvement Program Manager
Anne Wells	Advance Planning Manager
Cindy Moore	Senior Planner, Current Planning Division
Dennis Loyst	JDL Mapping, City's GIS Consultant

### 11.2.1 City Local Planning Team Meetings and Outcomes

The City of Goleta Local Planning Team (LPT) met regularly during the planning process to discuss data needs and organize data collection.

**Table 11-2 City of Goleta Internal Collaboration Meetings Summary**

Meeting Dates	Summary of Discussions
11/30/2010	This meeting included Planning and Environmental Services staff as well as RDA/Public Safety staff. The 5-year update to County Hazard Mitigation Plan of which Goleta is a part was discussed, including what input, data, maps and other documents needed to be provided. Reviewed Data Collection Checklist provided by consultant and assigned items as applicable.
11/30/2010	This meeting included the Community Services Department Director (City Engineer) and Capital Improvement Program Manager as well as RDA/Public Safety staff. The 5-year update to County Hazard Mitigation Plan of which Goleta is a part was discussed, including what input, data, maps and other documents needed to be provided. Reviewed Data Collection Checklist provided by consultant and assigned items as applicable.
12/1/2010	Discussed critical facilities and the selection of assets for the HMP Discussion of the previous mitigation projects (which were identified primarily by County Public Works) and evaluation and selection of future projects. Goleta will review and evaluate the previous projects. Specific questions regarding Flood Control projects should be directed to Jon Frye, SB Co Flood Control.

Meeting Dates	Summary of Discussions
	Goleta will provide Dewberry updated GIS information. Goleta will review and develop a critical facilities list/map.
3/7/2011	Revisions to the Hazard Ranking Worksheet to make them specific to Goleta. Review of Goals and Objectives to make them specific to Goleta. Discussion of additions to Critical Facilities List. Discussion of additions the Mitigation Action List. Review of the County Hazard Mitigation Plan Survey.
3/8/2011	Final revisions to the Hazard Ranking Worksheet to make them specific to Goleta. Final review of Goals and Objectives to make them specific to Goleta. Final discussion of additions to Critical Facilities List. Final discussion of additions and changes to the Mitigation Action List.
4/26/2011	Review revised mitigation goals, objectives and mitigation actions/projects.
5/26/2011	Go through the list of action mitigation measures and determine the rankings for each per the STAPLE criteria (i.e. Social, Technical, Administrative, Political, Legal, Economic and Environmental).
8/31/2011	Discussed the draft annex to finalize comments and revisions for submittal. Planning Team members included Vyto Adomaitis, Claudia Dato, Greg Nordyke, and Steve Wagner.

### 11.2.2 Public Involvement

In March 2011, an online survey was distributed county-wide to solicit public input regarding the concern for risk to natural hazard events and suggestions for how local government could minimize the risk. The City of Goleta notified residents and businesses of the opportunity to participate in the survey through posting it on the City’s website and sending an email to past graduates and present enrollees of the City’s Community Emergency Response Team (CERT) training program. Copies of the City’s outreach materials are included in Section 11.8, Goleta Attachment 2: Outreach Materials.

#### *Survey Results*

The survey respondents from the City of Goleta identified wildfire and earthquake as the two hazards of primary concern. Flooding and tsunami follow as secondary concerns. Overall, the City of Goleta’s Local Planning Team deemed these hazards as significant (wildfire, earthquake and flooding) or moderate (tsunami) planning consideration. That rationale is presented in Section 11.4. The responses regarding hazard concern will help the City improve messaging and outreach efforts regarding realistic risk of these hazards.

A significant number of Goleta respondents indicated they have made improvements to their property to reduce risk of damage (refer to Question 3). Fifteen respondents have implemented and/or maintain defensible space around their properties to reduce damage from wildfires. Twelve have retrofitted their roofs using fire resistant materials. The results of the survey provide valuable information for the City of Goleta as they continue in their mitigation efforts. These responses may be used as a bench mark for future measurements of improvement. For example, the City may

choose to focus on educational outreach about what homeowners and renters can do to reduce future damage from natural hazards. After this type of implementation, a similar survey may be administered to validate the progress and confirm that more residents have implemented mitigation practices.

The survey allowed the City an opportunity to expand the list of stakeholders. Several respondents provided contact information and were given an opportunity to review/comment on the complete draft prior to adoption. As the City continues to increase awareness of hazard mitigation, the suggested stakeholders (item 21 below) will be considered for involvement in future mitigation planning discussions.

The City of Goleta will consider the recommendations provided by survey respondents (items 8 and 20 below) regarding how the local government and the County can help residents prepare for an event, throughout the life of this plan and prioritize those that can be implemented efficiently and effectively.

The survey responses received from the City of Goleta residents are summarized below:

1. 53 out of 510 survey respondents were from the City of Goleta.
2. Respondents were asked which three hazards, out of the seven hazards the MAC identified, are of most concern to their neighborhood or home. Below are responses from residents of Goleta (in order of most responses):

<b>Hazard</b>	<b>Number of Responses</b>
Wildfire	45
Earthquake	43
Flooding (including coastal surge)	23
Tsunami	18
Landslide/Coastal Erosion	12
Additional Hazards*	9
Agriculture (pests and disease)	6
Dam Failure	0

\* Respondents noted the following additional hazards: climate change induced storms and sea level rise, rats and mice, high pressure gas lines, Diablo Nuclear Power Plant, Hazmat, wind, electrical outages, radiation, gas storage plant

3. Respondents were asked what they are doing to their property or within their home to reduce future damage from the hazards identified above. Below is a summary of responses:

<b>Property Mitigation</b>	<b>Responses</b>
Defensible space landscaping (clear vegetation around house to reduce wildfire risk)	15
Roof retrofit using fire resistant materials	12
Other*	11
Seismic retrofit of the structure and/or foundation	7
Installed backflow prevention device(s)	5
Strengthened openings (Doors, windows, and/or garage door to reduce high-hazard wind risk)	5

Installation of fire sprinklers	3
House elevation or first floor modification to prevent flood damage	2
Installation of fire hydrant or above ground water storage tank	2

\*The responses to "Other" were: We rent, we live in condos and can only change the interior, smoke detectors, emergency generator hookup

4. Respondents were asked if a severe hazard event occurred today, such that all services were cut off from their home and they were unable to leave or access a store for 72 hours, which items they would have readily available. Below is a summary of responses from Goleta respondents:

Item that is Readily Available	Responses
Can Opener	49
Flashlight (with batteries)	47
First Aid Kit/Supplies	46
Cooking and eating utensils	45
Canned / Non-perishable Foods (ready to eat)	45
Blanket(s)/ Sleeping Bag(s)	44
Gas grill / Camping stove	38
Extra Clothes and Shoes	38
Extra Medications	34
Portable AM/FM Radio (solar powered, hand crank, or batteries)	34
Potable Water (3 gallons per person)	32
Telephone (with batteries)	31
Cash	25
Pet Supplies	25
Important Family Photos/Documentation in a water and fire proof container	20
Handheld "Walkie-Talkie" Radios (with batteries)	18
What else do you have in your emergency kit?	11
Gasoline	10

\* Respondents noted the following additional items in their emergency kits: camping supplies, ropes, knife, generator, duct tape, CERT helmet, CERT vest, gloves, mask, lap top with back up batteries, toys and books for children, matches and lighters, plates and cups, pots and pans, candles, headlamp, crowbar, portable toilet, CERT field kit

5. Respondents were asked if they have a plan for evacuating large animals and pets. Below is a summary of responses:

- 21, or **41.2%** of respondents, answered that they **have a plan for evacuating their pets (cats, dogs, etc).**
- None of the respondents answered that they **have a plan for evacuating large animals (horses, cows, etc).**
- 8, or **15.7%** of respondents, answered that **they have pets but have not planned for their evacuation.**
- None of the respondents answered that **they have large animals but have not planned for their evacuation.**
- 22, or **43.1% of respondents,** answered that **they have no large animals or pets.**

6. Respondents were asked if they are familiar with the special needs of their neighbors in the event of a disaster situation. Below is a summary of responses:

- 22, or **43.1%** of respondents, indicated that they **are familiar with the special needs of their neighbors.**
- 29, or **56.9%** of respondents, indicated that they **are not** familiar with the special needs of their neighbors.
- 2 respondents skipped this question.

7. Respondents were asked if they are a trained member of their Community Emergency Response Team (CERT). Below is a summary of responses:

- 17, or **34.7 %** of respondents, indicated that **they are part of CERT.**
- 13, or **26.5%** of respondents, indicated that **they are not a part of CERT, but would like to learn more about CERT.**
- 19, or **38.8%** of respondents, indicated that **they are not interested in being a trained CERT.**
- 4 respondents skipped this question.

Respondents were asked to share why they are a trained CERT member, or why they are not part of CERT. The received responses are listed below:

- I was part of my campus CERT team. I intend to get involved in SB CERT soon.
- I am a trained Red Cross volunteer and part of a Disaster Assessment Team
- I am a firefighter for Santa Barbara County Fire
- I cannot attend weekly meetings
- I graduated with first class in Goleta. I am active on the City Council to have the program. I believe it is essential to the community’s welfare to have trained volunteers ready to substitute for emergency personnel who will be busy or not available when disaster strikes.
- Not sure what CERT does

8. Respondents were asked what the most important thing local government can do to help communities be more prepared for a disaster. Below is a summary of responses:

<b>Things Local Government can do to help prepare</b>	<b>Number of Responses</b>
Disseminate effective emergency notifications and communication	44
Community outreach regarding emergency preparedness	35
Make a plan to use volunteer residents to help in a disaster	33
Provide training and education to residents and business owners on how they can reduce future damage	26
Being aware of special needs and vulnerable populations	22
Other*	4

The responses to “Other” were: Reverse 911 system, information on the web and community board posts at shopping centers, clear and readable map of tsunami inundation areas of Goleta and Santa Barbara, local radiation detectors, have shelters, water/wastewater, and food ready for emergencies, designate schools to report to if home is destroyed or if supplies are needed, store heavy trucks and skiploaders for street cleanup in areas least likely to be effected by problems, help pay for disaster preparedness to ensure proper upkeep of supplies and equipment.

9. Respondents were asked if they live in an apartment building or home with a living space above a garage or parking area.

- 41, or **80.4%** of respondents, indicated that they **do not** live in an apartment or home with living space above a garage or parking area.
- 10, or **19.6%** of respondents, indicated that they **do** live in an apartment building or home with living space above a garage or parking area.
- 2 respondents skipped this question.

Those respondents who indicated that they do live in an apartment building or home with living space above the garage or parking area were asked to describe their level of concern for the building to collapse in a large earthquake event. 8 respondents indicated that they have “Moderate Concern”, 2 respondents indicated that they have “Little Concern”, and 3 respondents indicated that they have “No Concern, I feel safe in my home”.

10. Respondents who are homeowners were asked if they have adequate homeowners insurance to cover the hazards that could impact their home. Below is a summary of responses:

<b>Answer</b>	<b>Responses</b>
Yes, my insurance coverage should be adequate	22
No, I don't believe my insurance coverage would be adequate for a major disaster	7
Unsure	5
I do not have an insurance policy	1
Not applicable, I rent my current residence	15

11. Respondents who are renters were asked if they have renter's insurance. Below is a summary of responses:

<b>Answer</b>	<b>Responses</b>
Yes	7
No	8
Unsure	6
Not applicable, I own my residence.	32

12. Respondents were asked if they have earthquake insurance. Below is a summary of responses:

<b>Answer</b>	<b>Responses</b>
Yes, I own my home and have earthquake insurance.	15
Yes, I rent my home and have earthquake insurance.	1
No, but I am interested in reviewing earthquake insurance options.	6
No, earthquake insurance is too expensive.	17
No, I do not need earthquake insurance.	11

13. Respondents were asked if they have flood insurance. Below is a summary of responses:

<b>Answer</b>	<b>Responses</b>
---------------	------------------

Answer	Responses
Yes, I own my home and have flood insurance.	7
Yes, I rent my home and have flood insurance.	1
No, but I am interested in reviewing flood insurance options.	8
No, I do not need flood insurance	34

14. Respondents indicated the following as additional insurance listed for their home or property:

- Fire
- Theft
- Liability
- Umbrella

15. Respondents were asked if they work in Santa Barbara County.

- 38, or **77.6%** of respondents, indicated that they **do** work in Santa Barbara County.
- 11, or **22.4%** of respondents, indicated that they **do not** work in Santa Barbara County.

16. Respondents were asked if their place of work is in an area susceptible to natural hazards. Below is a list of natural hazards and responses from survey respondents:

Natural Hazard	Response
Earthquake fault zone	15
I don't know	15
High-risk flood zone	13
Wildland urban interface (wildfire risk area)	10
Liquefaction zone	6
Other*	5
Landslide Risk Area	3

The responses to "Other" were: sea level rise zone, tsunami zone

17. Respondents were asked if their employer has a plan for disaster recovery in place.

- 32, or **76.2%** of respondents, **indicated that their employer does have a disaster recovery plan in place.**
- 3, or **7.1%** of respondents, **indicated that their employer does not have a disaster recovery plan in place.**
- 7 respondents were **unsure** if their employer has a disaster recovery plan in place.
- 11 respondents skipped this question.

18. Respondents were asked if their employer has a workforce communications plan to implement following a disaster so they may contact their employees.

- 38, or **90.5%** of respondents, indicated that their **employer does** have a workforce communications plan.
- None of the respondents indicated that their **employer does not** have a workforce communications plan.
- 4, or **9.5%** of respondents, indicated that they are **unsure** if their employer has a workforce communications plan.
- 11 respondents skipped this question.

19. Respondents were asked to list any studies that they are aware of being conducted within their community or the county regarding the risk to future hazard events. 9 respondents replied to this question. These answers are summarized below. 44 respondents skipped this question.

- City General Plan- Safety Element, Wildland Fire Plans, Flood/Tsunami maps
- Unreinforced masonry study
- Marine Science Institute at UCSB campus studies

20. Respondents were asked what recommendations they have for Santa Barbara County and the incorporated cities to improve identification, prioritization, and implementation of actions intended to reduce future damage and increase resiliency. The following recommendations were received:

<b>Recommendations for Santa Barbara County</b>	<b>Number of Responses</b>
Provide training and materials on how residents can be prepared for the identified risks	36
Perform outreach to ensure people are aware of their environment and the inherent risks	30
Enforce/update building codes	29
Other*	4

The responses to “Other” were: assist with grants to fire proof and flood proof homes, remove vehicles from the streets that are public roads, provide clear and readable map of tsunami danger and/or evacuation zones, retrofit shopping areas for seismic events

21. Respondents were asked to recommend any companies or local associations that should be involved in the Santa Barbara County hazard mitigation planning process. The following contacts were given:

- Forest Service
- Direct Relief International
- Goleta Valley Community Center
- Encina Royale
- CAER

22. Respondents were asked if they would like to review and comment on a draft of their jurisdictions annex to the Multi-Jurisdictional Multi-Hazard Mitigation Plan.

- 11, or **25.6%** of respondents **said they would** like to review and comment on the draft plan.
- 32, or **74.4%** of respondents **said they would not** like to review and comment on the plan draft.
- 10 respondents skipped this question.

Nineteen respondents included their contact information.

23. Respondents were asked to provide any additional comments/suggestions/questions. The responses are summarized below:

- I work at the City of Santa Barbara and they are disseminating information to us
- If I knew I was in a tsunami danger zone, I would know when or whether to evacuate if given a tsunami warning signal.
- The current CERT program in Goleta is progressing well.
- My wife and I are ready to be trained to be effective in helping our neighbors after a disaster strikes.
- Radiation dangers from many sources is a long term worry, whether it is trucks hauling dangerous goods, or from Diablo Canyon, or from more remote locations.

### ***Public Review Period***

On September 19, 2011, the City distributed an email notification to relevant stakeholders and interested community members based on the contact information received in the survey responses. This notification announced the availability of the Review Draft of this annex for public review and comment on the City's website: [www.cityofgoleta.org](http://www.cityofgoleta.org). On September 21, 2011, the City of Goleta issued a press release advertising the public review period. Additionally, a Notice of Availability was published in the Santa Barbara Daily Sound in both English and Spanish. The public were encouraged to submit comments prior to October 18<sup>th</sup>, for incorporation into this draft. No comments were received by this date. Any comments received after the adoption of this annex will be catalogued for consideration in future updates to this annex. Copies of the website posting, newspaper posting, and press release are included in Section 11.8, Goleta Attachment 2: Outreach Materials.

## **11.3 CAPABILITY ASSESSMENT**

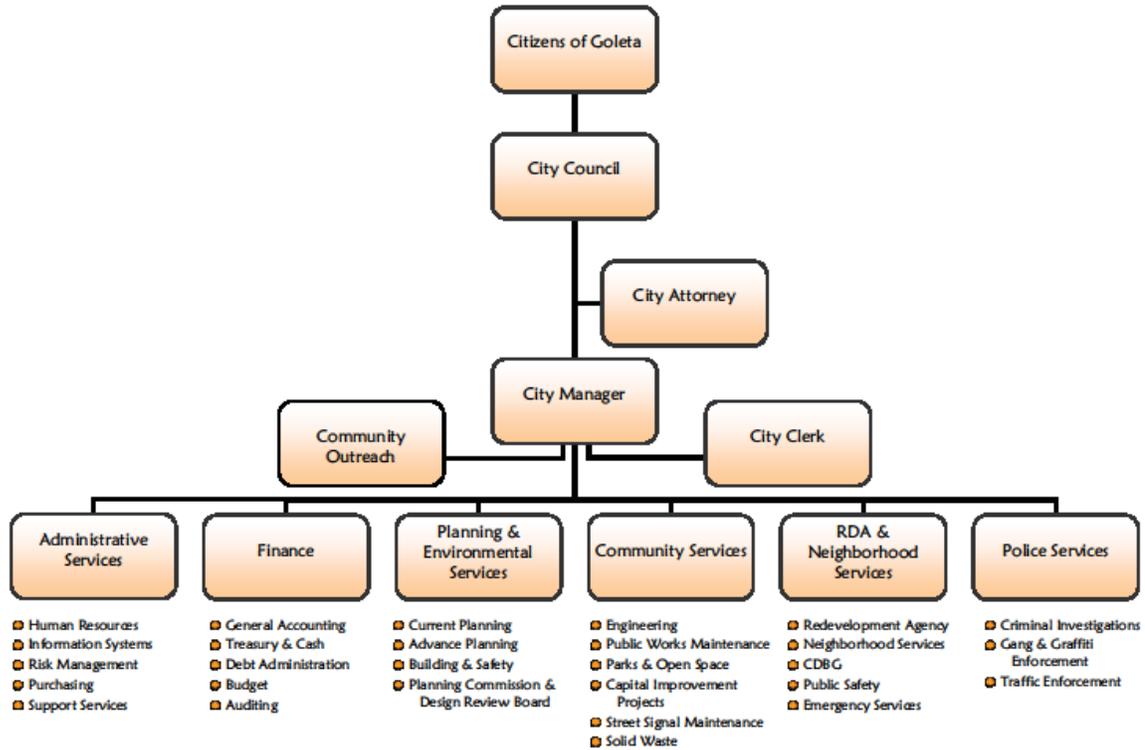
The City identified current capabilities and mechanisms available for implementing hazard mitigation activities. This section presents a discussion of the roles of key departments, administrative and technical capacity, fiscal resources, and summaries of relevant planning mechanisms, codes, and ordinances.

### **11.3.1 Key Departments**

The following is a summary of existing departments in Goleta and their responsibilities related to hazard mitigation planning and implementation, as well as existing planning documents and regulations related to mitigation efforts within the community. Specific resources reviewed include those involving technical personnel such as planners/engineers with knowledge of land development and land management practices, engineers trained in construction practices related to building and infrastructure, planners and engineers with an understanding of natural, floodplain managers, surveyors, personnel with GIS skills and scientists familiar with hazards in the community. The organizational chart below presents the structure of the City's government



## ORGANIZATIONAL CHART By Function



### Goleta City Council

- Provides vision, adopts policies and regulations, and approves funding requests/budgets over all aspects of City government
- Goleta City Council provides vision, adopts policies and facilitates programs focused on the Old Town area, which is one of the more flood prone areas in Goleta and is subject to other hazards.

### Goleta City Manager’s Office (Office of Emergency Services)

- Provides the leadership and supervision that, in turn, implements the policies and decisions of the Goleta City Council, thereby ensuring the delivery of services to the community.
- City Manager serves as OEM Director. As noted above, Goleta is a new city in the process of developing plans and programs including emergency response/management plans. The City RDA, Neighborhood Services and Public Safety Department is responsible for emergency preparedness and EOC operations and will be responsible for the implementation of emergency management (including mitigation) programs for the City. Currently Police and Fire Services are contracted through the County. The Director of RDA, Neighborhood

Services and Public Safety oversees the law enforcement (Sheriff's), fire service and animal control contracts.

- Various staff within the City Manager's Office, Community Services Department and the RDA, Neighborhood Services and Public Safety Department prepare grant applications for the City.

#### City of Goleta Finance Department

The Finance Department will have a role in the implementation of the actions identified in this plan:

Provides services associated with cost tracking and financial management of Grant Funded and other capital improvement projects.

Assures all aspects of City financing, funding, and expenditures are within legal, prescribed guidelines and regulations. The Department tracks and audits expenditures.

#### City of Goleta Planning and Environmental Services Department (includes Building Inspection and GIS)

- The Department is responsible for updating the City's General Plan and Coastal Land Use Plan.
- Guides the physical development of the City through the implementation of the General Plan/Coastal Land Use Plan and Building Codes and is committed to enhancing the quality of life in the community by planning for sound infrastructure and public services, protecting the environment, and promoting high quality social and economic growth.
- Enforces the Goleta Zoning Ordinances and Municipal Code (brush removal, building regulations, fire prevention, flood management, development along watercourses, oil and petroleum wells).
- Regulates land uses and land development in accordance with plans, policies, and regulations adopted by the City Council. Enforces local, State, and federal requirements for land development, building construction, and specific uses. Recommends additions and revisions to existing ordinances, plans, and policies when necessary.

#### City of Goleta Community Services Department (Public Works/Engineering/Parks and Open Space Maintenance)

- Enforces Floodplain Management Ordinance
- Oversee flood control and infrastructure development and improvement projects
- Provides a variety of engineering services including the review and inspection of privately constructed public facilities, infrastructure, and subdivisions; design and inspection of publicly funded infrastructure improvements; management and monitoring of existing and projected traffic conditions throughout the City; preparation of the City's long-term Capital Improvement Program. Engineering also provides fiscal management for the City's Parks and Open Space Maintenance, Community Facility Districts, and Development Impact Fees (currently only transportation impact).
- Implements and enforces programs, plans, policies, and regulations over land development and redevelopment in order to assure adequate and maintainable infrastructure.

- Community Services Department, Public Works Operations is a first responder in disaster emergencies.

City of Goleta Public Safety – Code Enforcement and Police Services

- Through a contract with the County, the Sheriff’s Department protects the community through the enforcement of laws and the analysis/reduction/ elimination of risks and, in times of emergency, provides for the orderly and rapid implementation of emergency plans. The Sheriff’s Department is a first responder in natural and manmade emergencies.
- Implements and/or enforces programs, plans, ordinances, and policies of the City over a wide range of activities related to code enforcement.
- City of Goleta Public Safety - Fire Services
- The City is located within the Santa Barbara County Fire Protection District. The District serves and safeguards the community through a professional, efficient and effective system of fire protection services which protect life, the environment and property.
- Implements programs, policies, and regulations over a wide range to reduce the loss of life, environment, and property. The Fire Department is a first responder in natural and manmade emergencies.

**11.3.2 Administrative and Technical Capacity**

The administrative and technical capabilities of Goleta, as shown in Table 11-3, provides an identification of the staff, personnel, and department resources available to implement the actions identified in the mitigation section of the Plan.

**Table 11-3  
City of Goleta: Administrative and Technical Capacity**

Staff/Personnel Resources	Y/N	Department/Agency and Position
A. Planner(s) or engineer(s) with knowledge of land development and land management practices	Y	Planning & Environmental Services/ All Staff Community Services Dept./ City Engineer, Principal Civil Engineer and CIP Manager RDA, Neighborhood Services, & Public Safety Dept./ Analysts
B. Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Y	Community Services Dept./ City Engineer, Principal Civil Engineer and CIP Manager Planning & Environmental Services/ Building Staff

Staff/Personnel Resources	Y/N	Department/Agency and Position
C. Planners or Engineer(s) with an understanding of natural hazards	Y	Community Services Dept./ City Engineer, Principal Civil Engineer and CIP Manager Planning & Environmental Services/ Advanced Planning Building Staff
D. Floodplain manager	Y	Community Services Dept./ City Engineer
E. Surveyors	Y	Contract Services
F. Staff with education or expertise to assess the community's vulnerability to hazards	Y	Community Services Dept./ City Engineer, Principal Civil Engineer and CIP Manager Planning & Environmental Services/ Advanced Planning and Building Staff RDA, Neighborhood Services and Public Safety Dept./ Director
G. Personnel skilled in GIS	Y	Planning & Environmental Services/General Plan Manager
H. Scientists familiar with the hazards of the community	N	
I. Emergency manager	Y	City Manager and RDA, Neighborhood Services and Public Safety Director
J. Grant writers	Y	City Manager's Office/Admin. Asst. and Management Asst. Community Services Dept./ Project Manager RDA, Neighborhood Services and Public Safety Dept./ Management Analyst

### 11.3.3 Legal and Regulatory Capabilities

The legal and regulatory capabilities of Goleta are shown in Table 11-4, which presents the existing ordinances and codes that affect the physical or built environment of Goleta. Examples of legal and/or regulatory capabilities can include: the City's building codes, zoning ordinances, subdivision ordinances, special purpose ordinances, growth management ordinances, site plan review, General Plans, Coastal Land Use Plans, capital improvement plans, economic development plans, emergency response plans, and real estate disclosure requirements.

**Table 11-4  
City of Goleta: Legal and Regulatory Capability**

Regulatory Tools (ordinances, codes, plans)	Local Authority (Y/N)	Does State Prohibit? (Y/N)
A. Building code	Y	N
B. Zoning ordinance	Y	N
C. Subdivision ordinance or regulations	Y	N
D. Special purpose ordinances (floodplain management, storm water management, hillside or steep slope ordinances, wildfire ordinances, hazard setback requirements)	Y	N
E. Growth management ordinances (also called “smart growth” or anti-sprawl programs)	N	N
F. Site plan review requirements	Y	N
G. General Plan	Y	N
H. Coastal Land Use Plan	N*	N
I. A capital improvements plan	Y	N
J. An economic development plan	Y	N
K. An emergency response plan (Fire, O/G Facilities)	Y	N
L. A post-disaster recovery plan	N	N
M. A post-disaster recovery ordinance	N	N
N. Real estate disclosure requirements (floodplain, airport/noise, contaminated sites)	Y	N

\* California Coastal Commission has authority

### **11.3.4 Fiscal Resources**

Table 11-5 shows specific financial and budgetary tools available to Goleta such as community development block grants; capital improvements project funding; authority to levy taxes for specific purposes; impact fees for homebuyers or developers for new development; ability to incur debt through general obligations bonds and others.

Goleta’s FY 2009-2010 General Fund budget decreased over the prior year’s (2008-2009) budget. The Fiscal Year 2009-2010 General Fund budget included over \$14 million for General Government, Administrative Services, Public Safety Planning and Environmental Services and Community Services. The General Fund balance is an important element that can show Goleta’s financial strength.

**Table 11-5  
City of Goleta: Fiscal Capability**

Financial Resources	Accessible or Eligible to Use
A. Community Development Block Grants (CDBG)	Yes
B. Capital improvements project funding	Yes - With Council approval
C. Authority to levy taxes for specific purposes	Yes - With 2/3 voter approval
D. Fees for water, sewer, gas, or electric service	No – Provided by Special Districts
E. Impact fees for homebuyers or developers for new developments/homes	Yes
F. Incur debt through general obligation bonds	Yes - With 2/3 voter approval
G. Incur debt through special tax and revenue bonds	Yes
H. Redevelopment funding	Yes – With Agency approval
I. Other – Other Grants	Yes

### **11.3.5 Relevant Plans, Policies, and Ordinances**

#### ***11.3.5.1 City of Goleta Economic Development Strategic Plan***

Goleta’s Economic Development Strategic Plan (“EDSP”) seeks to accomplish two primary goals: job creation and job retention. It attempts to leverage local strengths and capitalize on local opportunities. Its goals are to create a diverse employment base and a balanced approach to economic development; to establish a plan to increase tourism; to improve access to financial capital and human resources; to establish the City of Goleta as a green tech and sustainable community; to increase and expand local partnerships; to continue to improve and enhance the City’s permitting process; and to focus economic development on Old Town and update the Old Town Revitalization Plan. The Plan also guides decisions related to land use and economic development and outlines strategies to retain, enhance and expand the City’s business base.

Amongst the many themes within the General Plan, *Protecting Health and Safety* is most relevant toward striving to maintain the environments necessary to minimize health and safety hazards -- including hazardous materials, flooding, geological hazards, and excessive noise. Similar to the Strategic Plan, the Economic Development Plan acknowledges the need to re-invest in order to revitalize Old Town. Its goal is to secure funding to complete the San Jose Creek Flood Control Channel, since the existing infrastructure inhibits economic development efforts. Moreover, it justifies such an investment by proposing that the additional loan, insurance costs, and requirements create a difficult re-investment environment. The Economic Plan also emphasizes the need to work with the County Flood Control District to explore additional funding options to create improvements to the San Jose Flood Control Channel and other similar projects.

In summary, by providing an economic perspective on the need to reduce areas susceptible to hazards – such as floods - greater impetus may be delivered for the funding of such mitigation

projects. This would result in a more attractive economic environment, which would in turn result in the revitalization of Old Town.

### ***11.3.5.2 City of Goleta Emergency Operations Plan and Threat Analysis***

The City of Goleta recognizes that the planning process must address each hazard that threatens the city. There are three broad categories of hazards: natural, technological or man-made and national security. The section of the Goleta NIMS-SEMS Emergency Operations Plan consists of a series of threat assessments, which individually or jointly could require evacuation and/or sheltering of the population. They are:

**Major Earthquake.** Within the larger jurisdictional area of Santa Barbara County - which includes the City of Goleta- there are numerous faults that are located both on- and off-shore. The economic impact on the City would be considerable in terms of loss of employment and loss of tax base. Expected ramifications include long-term homelessness, significant disruptions to business and local commerce, and reduced government resources. Damages are expected along Highway U.S. 101, State Route-154, Highway 150, Santa Barbara airport, local railroads and harbor facilities, and other critical facilities and utilities.

When notified of a short term earthquake prediction, the area at risk is responsible to inform all cities within the County. (A notification procedure is listed in the EOP). Resources would then be concentrated to this area. Agencies would inspect and prepare those facilities and systems which are essential to conduct emergency operations, advise and provide guidance to the public on precautions, and take any other precautions necessary.

**Hazardous Material.** The increasing volume and variety of hazardous materials that are generated, stored, or transported within Santa Barbara County is a problem of great concern to public officials and the community. The threat of a major hazardous material incident in Santa Barbara County exists from four different sources. These are commercial vehicle, rail and air transportation, pipeline, fixed facility, and clandestine dumping. With regards to emergency response actions, the authority is vesting in the Santa Barbara County Fire Department Hazardous Materials Unit (SBCFD HMU), which is the agency responsible for the development and implementation of the Santa Barbara County Hazardous Materials Emergency Response Plan. The Santa Barbara County Area Plan includes information on agency responsibilities, evacuation procedures, cleanup funding, emergency medical resources, as well as an inventory on supplies and communications equipment.

**Flooding.** The Goleta Valley is subject to flooding from overflow of local streams, which along with their respective evacuation routes are identified through flood maps. The threat analysis document also identifies nine major dams in Santa Barbara County with known populations in their inundation areas. General information, maps or potential inundation area, and proposed evacuation routes for dams are included in a separate publication, the Dam Plan for the County of Santa Barbara.

**Transportation.** The document also includes threats involving highways, railroads and air incidents. Highway U.S. 101 and the Union Pacific Railroad are identified as areas at risk. Aircraft crash situations are given special attention due to the high volume of air traffic occurring in the highly populated area near Santa Barbara Airport.

**Wildfire.** Annually, the County experiences fires that often burn "out of control" and can damage the watershed and structures. County, city fire departments and federal agencies have developed emergency response actions associated with wildfire disasters. Copies of these plans are on file in the City of Goleta's Emergency Operating Center.

**Terrorism.** Due to the fact that a terrorist attack is generally sudden and without any prior warning, there are no stages of Emergency Readiness. A copy of the Santa Barbara County Terrorism plan is under development and will be located in each County Department and in the Office of Emergency Services.

**Landslide.** Santa Barbara County landslides have occurred most often on those slopes that are underlain by rocks of the Monterey and Rincon formations. Emergency response actions associated with the above situations are presented in the Standard Operating Procedures. Response procedures for landslides are found in the Urban Search and Rescue (USAR) document.

**Tsunami.** To prepare for a possible tsunami, the City is in the process of adopting the *TsunamiReady* program developed by National Oceanic and Atmospheric Administration (NOAA). The City is also developing Standard Operating Procedures (SOP's) for each critical department to use in time of emergency.

### ***11.3.5.3 City of Goleta Municipal Codes for Flood Risk***

The City of Goleta participates in the National Flood Insurance Program. In an effort to minimize the risk of flooding, the City of Goleta has alerted property owners that the Flood Plain Management Ordinance applies to their property. Its intent is to avoid exposing new development to flood hazards. As part of this strategy, the Flood Hazard Overlay Map is developed, which reflects the boundaries of special flood hazard areas as shown on the current Federal Emergency Management Agency (FEMA) maps on file with the office of the City Clerk. Whether or not any proposed development is subject to the provisions of Chapter 15.10, Floodplain Management, of the Goleta Municipal Code, is determined by the City's Community Services Director.

Various municipal codes refer to flood risk, including:

**GMC 15.10.020 Findings of Fact.** This municipal code acknowledges flood hazard areas and the potential impact on the City of Goleta. It states the potential losses include loss of life and property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base. It also acknowledges that flood losses are caused by the cumulative effect of obstructions in areas of special flood hazards which increase flood heights and velocities.

**GMC 15.10.030 Statement of Purpose.** This refers to the purpose of Chapter 15, which is to promote the public health, safety, general welfare, and to minimize public and private losses due to flood conditions in specific areas by provisions designed: to protect human life and health; to minimize publicly-funded expenditures; to help maintain a stable tax base with minimal interruption to business; and to inform buyers of flood hazard areas.

**GMC 15.10.040 Methods of Reducing Flood Losses.** This section includes provisions for: restricting uses dangerous to health, safety, and property due to water or erosion hazards, which may result in

increases in erosion or flood heights or velocities; requiring that uses vulnerable to floods are protected against flood damage; controlling the alteration of natural floodplains, stream channels, and natural protective barriers which help accommodate or channel flood waters; controlling filling, grading and dredging which may increase flood damage; and preventing or regulating the construction of flood barriers which will unnaturally divert flood water or which may increase flood hazards in other areas.

GMC 15.10.070 Basis for Establishing the Areas of Special Flood Hazard. This section states that all areas of special flood hazard identified by the Federal Insurance Administration of the Federal Emergency Management Agency in the Flood Insurance Study dated September 1978 and the Flood Insurance Rate Map (FIRM), dated March 15, 1979, and all subsequent amendments and/or revisions, are adopted.

GMC 15.10.220 Coastal High Hazard Areas. Requirements for new construction along coastal high hazard areas are listed in this section. Primarily, it states that all new developments and substantial improvements within these areas be elevated on adequately anchored pilings or columns, with the lowest horizontal structural member being at or above the base flood level. Furthermore, it requires that new construction be located landward of the reach of mean high tide; excavation of sand dunes is not permitted; and structural support cannot be defined by fill. The floodplain administrator would obtain and maintain structure certification with section 15.10.220.A.

GMC 15.10.160 Standards of Construction. This section provides details on the structural requirements in order to minimize flooding. They include standards for anchoring and elevations as adopted by the jurisdiction, the Federal Insurance Administration, and the Federal Emergency Management Agency.

#### ***11.3.5.4 Repetitive Loss Properties***

Repetitive loss properties are defined as property that is insured under the NFIP that has filed two or more claims in excess of \$1,000 each within any consecutive 10-year period since 1978. The City is unaware of any repetitive loss properties within the City of Goleta.

#### ***11.3.5.5 City of Goleta Redevelopment Plan***

The Goleta Old Town Revitalization (Redevelopment) Plan guides private and public sector development through a coordinated series of land use designations/regulations, policies, development standards, design guidelines, and public infrastructure improvements for the Planning Area. The purpose of this Plan is to identify and guide construction of physical improvements, stimulate private development, and develop effective funding mechanisms to achieve the revitalization of Goleta Old Town.

The Revitalization Plan was a product of the County's Goleta Community Plan (GCP) and was initially implemented as an attachment to the overall GCP. Upon incorporation the City adopted the Revitalization Plan, but the GCP no longer applied within the City limits. The policies and development standards of the Revitalization Plan guide development within the Redevelopment Area (RDA) boundaries. The RDA Project Area is comprised of 1,006 parcels totaling 595 acres. It includes a variety of commercial, industrial, and residential uses. Existing development includes an

estimated 1,900 residential units and 4.2 million square feet of commercial and industrial development.

Regarding public infrastructure improvements, the Revitalization Plan proposes a number of projects to help stimulate economic revitalization of the area, while at the same time minimizing the risk to floods. Due to the concentration of five creeks -Maria Ygnacia, San Jose, Old San Jose, San Pedro, and Carneros- in the area, and increase runoff associated with more urbanization, the City of Goleta is heavily susceptible to flooding. Chapter 15.10 Floodplain Management of the Goleta Municipal Code (GMC) requires the finish floor elevation of all habitable structures to be a minimum of two feet above the 100-year floodplain. In addition to the GMC requirements, the Goleta General Plan/Coastal Land Use Plan includes Flood Hazard Policies that minimize exposure of development to flood hazards while reducing the need to alter natural creek channels.

Future revitalization efforts are constrained by existing floodway and floodplain restrictions on many vacant and/or underdeveloped parcels within the Project Area. An additional constraint is the inability of existing storm drain facilities to adequately convey runoff during peak and non-peak events. Local drainage problems exist at several intersections will be corrected if the following proposed improvements are approved:

- 1) San Jose Creek Improvements which would increase capacity flows to the 100-year peak flood flow rates. It would involve replacement of the Hollister Bridge, channel improvements along Ekwill Street, and drainage improvements along Fowler Road.
- 2) San Pedro Creek Culvert Improvements at Calle Real which will reduce flooding along Vega Drive, Valdez Avenue and Carlo Drive.
- 3) Construction of new storm drain along Avenida Gorrion between La Patera Lane and Valdez Avenue which would reduce street and intersection flooding during storm events.

These improvement projects will be complemented by policies that minimize off-site runoff and short-term and long-term erosion. Other actions include producing a detailed topography survey of the proposed channels, restoring creek areas with native vegetations, and requiring the development of grading and drainage plans with any discretionary development application.

Hazard mitigation is also addressed in the Revitalization Plan by addressing hazardous materials. Locally, the Santa Barbara County Fire Protection Service Division (PSD) administers the state's Leaking Underground Fuel Tank (LUFT) program. The purpose of the LUFT program is to oversee the proper assessment and remediation of contaminants released from underground storage tanks.

Critical to implementation of hazardous material mitigation are issues such as timing and funding of cleanup, development of projects simultaneously with remediation/monitoring, and overcoming of financial barriers. Under current procedures, closure of contamination sites could range from 4-10 years for assessment, remediation, and monitoring. To achieve the Plan's goals, policies primarily depend on the cooperative efforts between the Community Services Department, Planning and Environmental Services Department, and the County Fire Protection Services Division to resolve issues related to contaminated sites.

The Revitalization Plan concludes with a synopsis of 15 Key Sites, selected based upon a high potential for new development and/or need for redevelopment. Each of the Key Sites describe public and private projects which could be pursued for the revitalization of Old Town.

#### ***11.3.5.6 City of Goleta Stormwater Management Plan***

In the State of California, the State Water Resources Control Board (SWRCB) and the various Regional Water Resource Control Boards (RWRCBs) implement mandates of the Federal Clean Water Act and the National Pollutant Discharge Elimination System (NPDES) permit program. During one of their studies, the SWRCB determined that urban runoff is a leading cause of pollution through the state and a contributor to pollutants of concern (POC), such as nutrients, pathogens, hydrocarbons, metals, trash and pesticides to waterways. In compliance with various federal and state requirements, the City as a municipality and operator of a separate stormwater system (MS4) has prepared the Stormwater Management Plan (SWMP) to guard against the detrimental effects on human health and the surrounding ecosystems.

The City's SWMP was approved by the Central Coast Regional Water Quality Control Board (CCRWQCB) (Water Board) on February 4, 2010. The goal of the SWMP for the City of Goleta is to reduce the discharge of storm water pollutants into water bodies and to protect and improve water quality within the city.

Because several programs and Best Management Practices (BMPs) have not been fully implemented, adequate data is not always available to make strong determinations about the effectiveness of the programs. Many of the effectiveness assessments made in this Annual Report are preliminary and somewhat inchoate, but they provide a general idea of the status, appropriateness, and effectiveness of the measures and identify areas where modifications are needed thus far. In addition, the effectiveness of the City's Storm Water Management Program is difficult to judge given that the success of many of the measures by definition cannot be directly measured in terms of water quality.

The City plans to ramp up efforts in Year 2 by continuing the programs already in place and continuing to implement the objectives of Year 1 and 2. It has recently hired a dedicated storm water program coordinator who will oversee and focus the City's efforts in Year 2.

#### **Public Education and Outreach on Stormwater Impacts**

The Public Education and Outreach Minimum Control Measure (MCM) is intended to ensure greater public support of and compliance with the storm water management program. The selected BMPs are intended to teach the public the importance of protecting storm water quality, both for the benefit of the environment and for human health. The role of each community member, both at home and work, is a particular emphasis. Some initiatives include brochures, education programs for businesses and children, websites, media campaigns, surveys, and annual reports.

#### **Public Involvement/Participation**

The goal is to foster active community support for developing, reviewing, and implementing the SWMP. Participation by the public ensures that the program reflects community values and priorities, and increases the potential for overall success of the program. The CIG has been formed, and the City intends to attend Intergovernmental Committee meetings (IGC) and CASQA meetings

consistently, a system of tracking creek and road cleaning as well as volunteer water quality monitoring is in place as well as the development of a water quality hotline. The City of Goleta plans to develop a stormwater community interest group which will hold quarterly meetings; they will feature the opportunity for community members to discuss issues of concerns related to stormwater. Other participatory events for the public include community cleanups, water quality hotlines, and the launch of public opinion surveys.

### **Illicit Discharge and Detection and Elimination**

The goal of this control measure is to identify and eliminate sources of illicit discharge and illegal dumping. The BMPs proposed by the City of Goleta include mapping of the storm drainage system and the adoption of a new storm water discharge ordinance that will address all forms of illicit discharges, including all animal waste, and/or waste disposal which affect water quality.

### **Construction Site Runoff Control**

The purpose of construction site runoff controls is to prevent soil and construction waste from entering storm water. The Grading Ordinance specifies several routine inspections shall occur, and the existing Grading Ordinance will be reviewed in year one. The City will require the submittal of SWPPPs on all projects 1 (one) acre or larger. The SWPPP shall be submitted, stamped by a licensed civil engineer, and include the installation and maintenance details of all proposed storm water pollution prevention BMPs to be implemented. Best management practices are proposed, which include inspection of construction sites, staff training of storm water pollution protection guidelines and ongoing general permit compliance.

### **Post-Construction Stormwater Management in New Development and Redevelopment**

One of the most effective ways to reduce the generation of non-point source pollution from urban runoff is through the incorporation of Low Impact Development (LID) design strategies in the planning phase of a project before it is built. Once a project is built, it is complex and expensive to correct runoff problems. This Minimum Control Measure focuses on site planning and design considerations, which are most effective when addressed in the early stages of project development. Effective long-term management and maintenance are critical; therefore, the best design opportunities are those with the least maintenance needs. The goal of the program is to integrate basic and practical storm water management techniques into new development and redevelopment projects to protect water quality.

The City of Goleta will also develop watershed-based hydromodification management plans in cooperation with the Water Board as part of a regional joint effort with other local agencies; its goal is to determine an economically viable and effective set of Goleta-specific hydromodification control standards that will provide protection of water resources to the maximum extent practicable. Other strategies include staff training, early project reviews, and the encouragement of low impact development.

### **Pollution Prevention/Good Housekeeping for Municipal Operation**

The purpose of the Pollution Prevention and Good Housekeeping BMPs are to review and modify, where necessary, the City's delivery of public services that may impact storm water management. In

particular, the City needs to examine any actions that will reduce the amount and type of pollution that 1) collects on public streets, open spaces, storage areas and infrastructure that is discharged into local waterways; and, 2) results from actions that may environmentally damage land development and flood management practices or affect the maintenance of storm sewer systems. In this way the City may serve as a model to the community. In addition, altering the City's own actions may result in a cost savings. Performing proper and timely maintenance on storm water systems may allow the City to avoid costly repairs from age and neglect.

In summary, though these new standards reflect the compliance of water quality standards by the City of Goleta, its effects are also translated into a reduction of flood risk. This is evidenced through stormwater drainage maintenance and repair, public outreach efforts on pollution and overall stormwater events, and the development of new pre- and post- construction regulations. Alongside pollution prevention controls and good housekeeping, it is expected that not only would residents be better protected from contaminated waters, but it would also establish the best management practices that would minimize the risk of flooding.

#### ***11.3.5.7 City of Goleta Strategic Plan and Capital Improvement Plan***

The City of Goleta's Strategic Plan is used as an important organization and management tool to help establish priorities, connect staff actions to Council goals, and inform the public of the City's vision for the community.

With regards to the flood hazard mitigation projects, the Strategic Plan refers to Objectives 10.2 and 13.6 which include the San Jose Creek Flood Control Project, which at the time of the Strategic Plan's publication, was in progress and has defined a completion date of 2016. The San Jose Creek Channel would be increased from a 25 year to a 100 year storm event. The entire channel would be reconstructed and the Hollister Avenue Bridge would be replaced. Another flood mitigation project is the replacement of the San Pedro Creek culvert. This would be redesigned for a storm event greater than the existing 10 year storm event design; under this scenario and present conditions, extensive flooding occurs on Vega Drive, Valdez Avenue and Carlo Drive. Similarly, the Hollister Avenue Bridge over San Jose Creek would be redesigned to satisfy a 100 year storm flow capacity. In all, the flood mitigation projects total approximately \$30 million and would reduce the risk of impacts and losses within Old Town Goleta and other areas of the City.

In fulfillment of Objective 6.13, the City has prepared a Community Wildfire Protection Plan which is pending adoption.

## 11.4 HAZARD ASSESSMENT

*The Hazard Assessment presented here reflects the City's 2011 review and modifications to the updated risk assessment presented in Sections 5 and 6 of the County Plan. Applicable hazard information from the City's 2004 plan was incorporated during the development of this section.*

The City of Goleta's Local Planning Team (LPT) reviewed the hazard ranking worksheet developed by the County MAC. The ranking information was modified by the LPT based on the hazards that impact the City. After reviewing the County's hazard ranking, the LPT for the City of Goleta removed the dam failure, landslide and coastal erosion, and agricultural (pests and diseases) hazards from planning consideration because those hazards do not affect the jurisdiction. The remaining hazards were ranked based on the planning consideration for them, and it was decided that flooding including coastal storm surge, wildfire and earthquakes all required significant planning consideration, while tsunami only requires limited planning consideration. Table 11-6 provides the hazard ranking for the City of Goleta while Table 11-7 provides the ranking worksheet for how the Local Planning Team calculated each specific hazard as impacting the City. It should be noted that transportation related hazards, and oil, chemical and other hazardous materials related hazards are covered in the City's Emergency Operations Plan.

**Table 11-6  
City of Goleta- Hazard Ranking and Planning Consideration 2011**

<b>Hazard Type and Ranking</b>	<b>Planning Consideration Based on Hazard Level</b>
Flooding (including coastal surge)	Significant
Wildfire	Significant
Earthquake	Significant
Tsunami	Limited

**Table 11-7**

**HAZARD RANKING WORKSHEET - City of Goleta**

March 8, 2011

Hazard Type	Probability	Impact			Total Score	Hazard Planning Consideration
		Affected Area	Primary Impact	Secondary Impacts		
<b>Importance Factor:</b>	2	0.8	0.7	0.5		
DAM FAILURE	2	0.8	0.7	0.5	4	None
EARTHQUAKE	6	3.2	2.1	1.5	41	Significant
WILDFIRE	8	2.4	1.4	1.5	42	Significant
FLOODING (include coastal surge)	8	2.4	1.4	2	46	Significant
TSUNAMI	4	0.8	1.4	1	13	Limited
LANDSLIDE/COASTAL EROSION	4	0.8	0.7	0.5	8	None
AGRICULTURE (pests and disease)	4	0.8	1.4	0.5	11	None
<b>Orange cells reflect revisions/changes to the City ranking</b>						
City Revisions: The City decided that Dam Failure, Landslide/Coastal Erosion and Agricultural (pests and disease) were not hazards that impact the City. Also, Tsunami had limited hazard planning consideration. While Wildfire and Flooding (including coastal surge) both remained significant hazards, their total score was adjusted to reflect the City.						

The probability of each hazard is determined by assigning a level, from 1 to 4, based on the likelihood of occurrence from historical data. This ranking is multiplied by an importance factor of 2. The total impact value includes a summed ranking for affected area, primary impact and secondary impact. Each ranking is multiplied by an importance factor as indicated. The probability score is multiplied by the sum of the three impact scores to determine the total score for the hazard. The hazard planning consideration is determined by the total score as indicated by the Hazard Level scale below.

Importance

Based on estimated likelihood of occurrence from historical data

Level	Probability	Score
1	Unlikely	0
2	Somewhat Likely	0
3	Likely	0
4	Highly Likely	0

Affected Area Importance

Based on size of geographical area of community affected by hazard

Level	Affected Area	Score
1	Isolated	0.8
2	Small	1.6
3	Medium	2.4
4	Large	3.2

Primary Impact Importance

Based on percentage of damage to typical facility in community

Level	Impact	Score
1	Negligible - less than 10% damage	0.7
2	Limited - between 10% and 25% damage	1.4
3	Critical - between 25% and 50% damage	2.1
4	Catastrophic - more than 50% damage	2.8

Based on estimated secondary impacts to community at large

Level	Impact	Score
1	Negligible - no loss of function, downtime, and/or evacuation	0.5
2	Limited - minimal loss of function, downtime, and/or evacuation	1
3	Moderate - some loss of function, downtime, and/or evacuation	1.5
4	High - major loss of function, downtime, and/or evacuations	2

Total Score = Probability x Impact, where:

Probability = (Probability Score x Importance)

Impact = (Affected Area + Primary Impact + Secondary Impacts), where:

Affected Area = Affected Area Score x Importance

Primary Impact = Primary Impact Score x Importance

Secondary Impacts = Secondary Impacts Score x Importance

Hazard Level

Total Score	(Range)	Hazard Level
0.0	0.0	1 None
0.1	0.0	0 Limited
0.1	0.0	3 Moderate
0.1	0.0	0 Significant

### **11.4.1 Flood and Coastal Storm Surge**

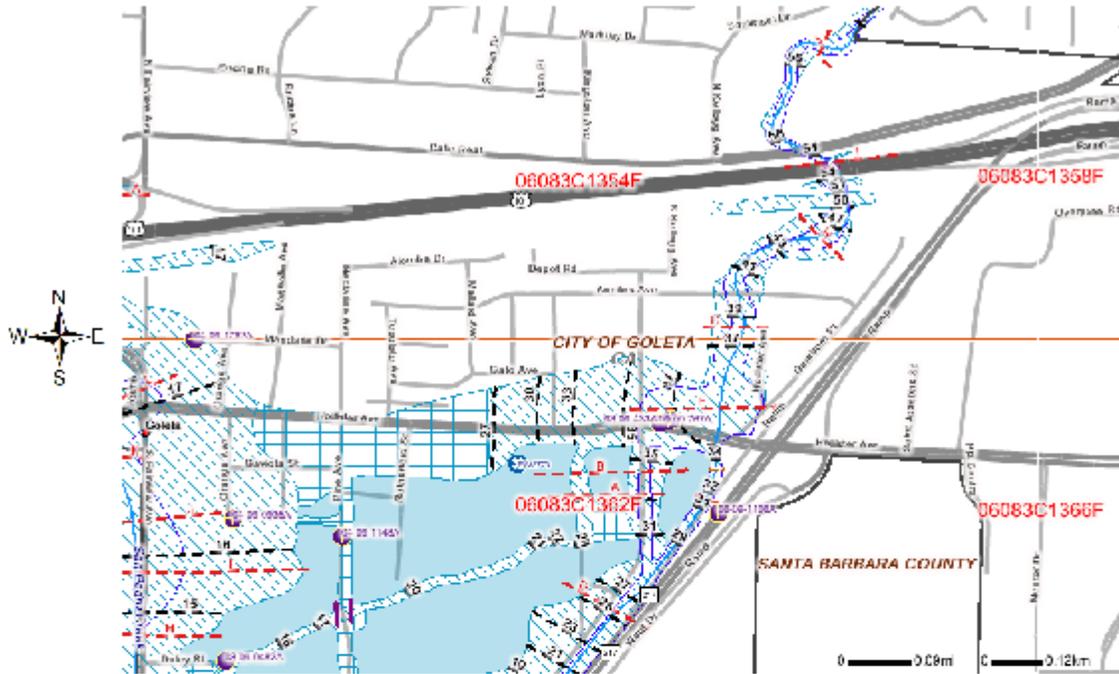
The City of Goleta ranked the flooding and coastal storm surge hazard as being a significant risk to the City. For a complete listing of the flood and coastal storm surge profile, please refer to Section 5.3. The following images are FEMA maps taken from the Mapping Information Platform. They show areas at risk of flooding within Goleta.







This Map Is For Advisory Purposes Only

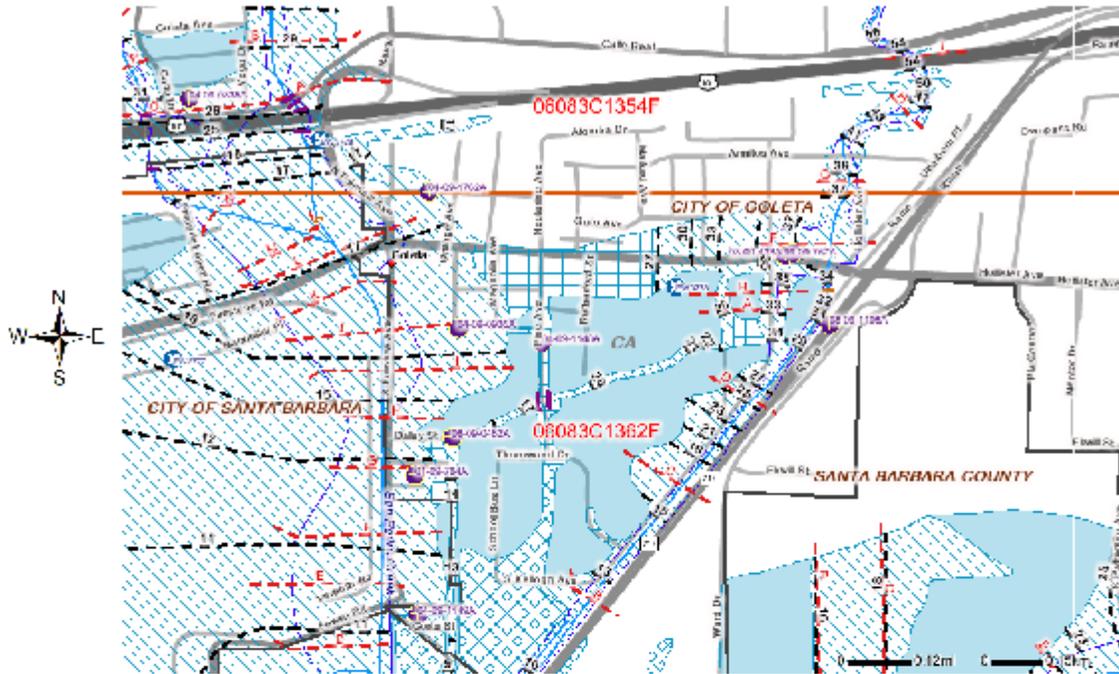


Legend

- |  |  |   |
|--|--|---|
| <ul style="list-style-type: none"> <li>City</li> <li>Old or New</li> <li>Small Cities</li> <li>Large Cities</li> <li>Completed LOMAs</li> <li>FIRM's</li> <li>100-Year Flood</li> <li>Micro Methods</li> <li>General Structures</li> <li>Coastal</li> <li>Rock Bridges</li> <li>Streams</li> <li>Wing Walls</li> <li>River Flood Protection (Levee)</li> </ul> | <ul style="list-style-type: none"> <li>WFL with FEMA/DOJ Action</li> <li>WFL with FEMA/DOJ Action</li> <li>WFL with FEMA/DOJ Action</li> <li>Cross Section Lines</li> <li>Coastal Flood with FEMA/DOJ Action</li> <li>Coastal Flood with FEMA/DOJ Action</li> <li>Coastal Flood with FEMA/DOJ Action</li> <li>Streams</li> <li>Coastal</li> <li>Stream</li> <li>Major Road</li> <li>Highway</li> <li>Major Highway</li> <li>State</li> <li>Lake, Major Dams</li> <li>Levee Areas</li> <li>US (cont)</li> </ul> | <ul style="list-style-type: none"> <li>State</li> </ul> |
|--|--|---|

Tuesday, 13 October 2009 16:29





Legend

- |  |   |  |
|--|---|--|
| <ul style="list-style-type: none"> <li>City</li> <li>City of Goleta</li> <li>Small Cities</li> <li>Large Target Cities</li> <li>Major Cities</li> <li>Completed LOMAs</li> <li>IFMRA</li> <li>IFMRA Projects</li> <li>Micro Methods</li> <li>General Structures</li> <li>Coastal</li> <li>Rock Bridges</li> <li>Streams</li> <li>Wing Walls</li> <li>River Flood Protection (Levee)</li> </ul> | <ul style="list-style-type: none"> <li>WPA with FEMA/USACE Action</li> <li>WPA with FEMA/USACE Action</li> <li>WPA with other Action</li> <li>Cross Section Levees</li> <li>Coastal Protection with FEMA/USACE Action</li> <li>Coastal Protection with other Action</li> <li>Streams</li> <li>Coastal</li> <li>Streets</li> <li>Major Roads</li> <li>Highways</li> <li>Major Highways</li> <li>States</li> <li>Lakes, Major Dams</li> <li>Levee Areas</li> <li>US (4001)</li> </ul> | <ul style="list-style-type: none"> <li>SEA or Sea Lines</li> </ul> |
|--|---|--|

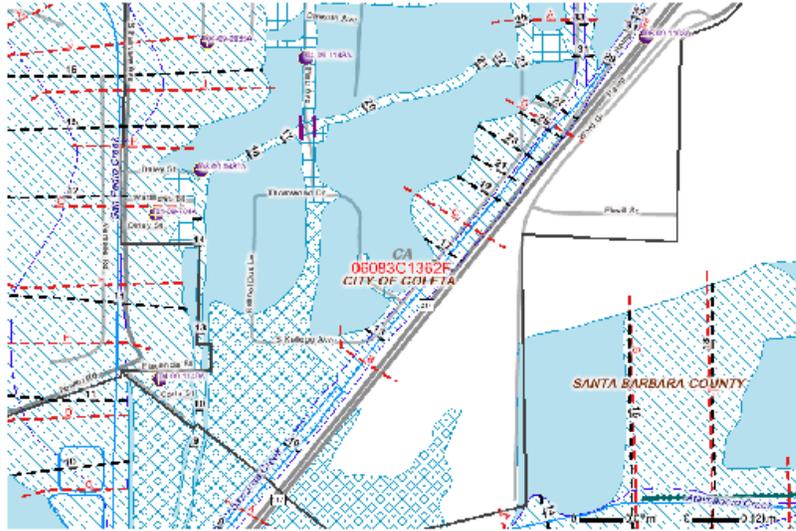
Wednesday, 8 December 2010 14:17



**Goleta Old Town -South**  
 This Map Is For Advisory Purposes Only



Wednesday, 8 December 2010  
 14:19



**Legend**

- |                       |                           |                           |
|-----------------------|---------------------------|---------------------------|
| City                  | Water                     | General Structure         |
| Older than 1950       | Water with 1950-1970 data | Water with 1970-1980 data |
| Small City            | Water with 1980-1990 data | Water with 1990-2000 data |
| City larger than 1000 | Cross Section Lines       | Dam                       |
| Major Cities          | Dam with 1950-1970 data   | Dam with 1970-1980 data   |
| Completed LOMAs       | Dam with 1980-1990 data   | Dam with 1990-2000 data   |
| FEMA 1                | Dam with 2000-2010 data   | Dam with 2010-2020 data   |
| FEMA 2                | Dam with 2020-2030 data   | Dam with 2030-2040 data   |
| FEMA 3                | Dam with 2040-2050 data   | Dam with 2050-2060 data   |
| FEMA 4                | Dam with 2060-2070 data   | Dam with 2070-2080 data   |
| FEMA 5                | Dam with 2080-2090 data   | Dam with 2090-2100 data   |
| FEMA 6                | Dam with 2100-2110 data   | Dam with 2110-2120 data   |
| FEMA 7                | Dam with 2120-2130 data   | Dam with 2130-2140 data   |
| FEMA 8                | Dam with 2140-2150 data   | Dam with 2150-2160 data   |
| FEMA 9                | Dam with 2160-2170 data   | Dam with 2170-2180 data   |
| FEMA 10               | Dam with 2180-2190 data   | Dam with 2190-2200 data   |
| FEMA 11               | Dam with 2200-2210 data   | Dam with 2210-2220 data   |
| FEMA 12               | Dam with 2220-2230 data   | Dam with 2230-2240 data   |
| FEMA 13               | Dam with 2240-2250 data   | Dam with 2250-2260 data   |
| FEMA 14               | Dam with 2260-2270 data   | Dam with 2270-2280 data   |
| FEMA 15               | Dam with 2280-2290 data   | Dam with 2290-2300 data   |
| FEMA 16               | Dam with 2300-2310 data   | Dam with 2310-2320 data   |
| FEMA 17               | Dam with 2320-2330 data   | Dam with 2330-2340 data   |
| FEMA 18               | Dam with 2340-2350 data   | Dam with 2350-2360 data   |
| FEMA 19               | Dam with 2360-2370 data   | Dam with 2370-2380 data   |
| FEMA 20               | Dam with 2380-2390 data   | Dam with 2390-2400 data   |
| FEMA 21               | Dam with 2400-2410 data   | Dam with 2410-2420 data   |
| FEMA 22               | Dam with 2420-2430 data   | Dam with 2430-2440 data   |
| FEMA 23               | Dam with 2440-2450 data   | Dam with 2450-2460 data   |
| FEMA 24               | Dam with 2460-2470 data   | Dam with 2470-2480 data   |
| FEMA 25               | Dam with 2480-2490 data   | Dam with 2490-2500 data   |
| FEMA 26               | Dam with 2500-2510 data   | Dam with 2510-2520 data   |
| FEMA 27               | Dam with 2520-2530 data   | Dam with 2530-2540 data   |
| FEMA 28               | Dam with 2540-2550 data   | Dam with 2550-2560 data   |
| FEMA 29               | Dam with 2560-2570 data   | Dam with 2570-2580 data   |
| FEMA 30               | Dam with 2580-2590 data   | Dam with 2590-2600 data   |
| FEMA 31               | Dam with 2600-2610 data   | Dam with 2610-2620 data   |
| FEMA 32               | Dam with 2620-2630 data   | Dam with 2630-2640 data   |
| FEMA 33               | Dam with 2640-2650 data   | Dam with 2650-2660 data   |
| FEMA 34               | Dam with 2660-2670 data   | Dam with 2670-2680 data   |
| FEMA 35               | Dam with 2680-2690 data   | Dam with 2690-2700 data   |
| FEMA 36               | Dam with 2700-2710 data   | Dam with 2710-2720 data   |
| FEMA 37               | Dam with 2720-2730 data   | Dam with 2730-2740 data   |
| FEMA 38               | Dam with 2740-2750 data   | Dam with 2750-2760 data   |
| FEMA 39               | Dam with 2760-2770 data   | Dam with 2770-2780 data   |
| FEMA 40               | Dam with 2780-2790 data   | Dam with 2790-2800 data   |
| FEMA 41               | Dam with 2800-2810 data   | Dam with 2810-2820 data   |
| FEMA 42               | Dam with 2820-2830 data   | Dam with 2830-2840 data   |
| FEMA 43               | Dam with 2840-2850 data   | Dam with 2850-2860 data   |
| FEMA 44               | Dam with 2860-2870 data   | Dam with 2870-2880 data   |
| FEMA 45               | Dam with 2880-2890 data   | Dam with 2890-2900 data   |
| FEMA 46               | Dam with 2900-2910 data   | Dam with 2910-2920 data   |
| FEMA 47               | Dam with 2920-2930 data   | Dam with 2930-2940 data   |
| FEMA 48               | Dam with 2940-2950 data   | Dam with 2950-2960 data   |
| FEMA 49               | Dam with 2960-2970 data   | Dam with 2970-2980 data   |
| FEMA 50               | Dam with 2980-2990 data   | Dam with 2990-3000 data   |
| FEMA 51               | Dam with 3000-3010 data   | Dam with 3010-3020 data   |
| FEMA 52               | Dam with 3020-3030 data   | Dam with 3030-3040 data   |
| FEMA 53               | Dam with 3040-3050 data   | Dam with 3050-3060 data   |
| FEMA 54               | Dam with 3060-3070 data   | Dam with 3070-3080 data   |
| FEMA 55               | Dam with 3080-3090 data   | Dam with 3090-3100 data   |
| FEMA 56               | Dam with 3100-3110 data   | Dam with 3110-3120 data   |
| FEMA 57               | Dam with 3120-3130 data   | Dam with 3130-3140 data   |
| FEMA 58               | Dam with 3140-3150 data   | Dam with 3150-3160 data   |
| FEMA 59               | Dam with 3160-3170 data   | Dam with 3170-3180 data   |
| FEMA 60               | Dam with 3180-3190 data   | Dam with 3190-3200 data   |
| FEMA 61               | Dam with 3200-3210 data   | Dam with 3210-3220 data   |
| FEMA 62               | Dam with 3220-3230 data   | Dam with 3230-3240 data   |
| FEMA 63               | Dam with 3240-3250 data   | Dam with 3250-3260 data   |
| FEMA 64               | Dam with 3260-3270 data   | Dam with 3270-3280 data   |
| FEMA 65               | Dam with 3280-3290 data   | Dam with 3290-3300 data   |
| FEMA 66               | Dam with 3300-3310 data   | Dam with 3310-3320 data   |
| FEMA 67               | Dam with 3320-3330 data   | Dam with 3330-3340 data   |
| FEMA 68               | Dam with 3340-3350 data   | Dam with 3350-3360 data   |
| FEMA 69               | Dam with 3360-3370 data   | Dam with 3370-3380 data   |
| FEMA 70               | Dam with 3380-3390 data   | Dam with 3390-3400 data   |
| FEMA 71               | Dam with 3400-3410 data   | Dam with 3410-3420 data   |
| FEMA 72               | Dam with 3420-3430 data   | Dam with 3430-3440 data   |
| FEMA 73               | Dam with 3440-3450 data   | Dam with 3450-3460 data   |
| FEMA 74               | Dam with 3460-3470 data   | Dam with 3470-3480 data   |
| FEMA 75               | Dam with 3480-3490 data   | Dam with 3490-3500 data   |
| FEMA 76               | Dam with 3500-3510 data   | Dam with 3510-3520 data   |
| FEMA 77               | Dam with 3520-3530 data   | Dam with 3530-3540 data   |
| FEMA 78               | Dam with 3540-3550 data   | Dam with 3550-3560 data   |
| FEMA 79               | Dam with 3560-3570 data   | Dam with 3570-3580 data   |
| FEMA 80               | Dam with 3580-3590 data   | Dam with 3590-3600 data   |
| FEMA 81               | Dam with 3600-3610 data   | Dam with 3610-3620 data   |
| FEMA 82               | Dam with 3620-3630 data   | Dam with 3630-3640 data   |
| FEMA 83               | Dam with 3640-3650 data   | Dam with 3650-3660 data   |
| FEMA 84               | Dam with 3660-3670 data   | Dam with 3670-3680 data   |
| FEMA 85               | Dam with 3680-3690 data   | Dam with 3690-3700 data   |
| FEMA 86               | Dam with 3700-3710 data   | Dam with 3710-3720 data   |
| FEMA 87               | Dam with 3720-3730 data   | Dam with 3730-3740 data   |
| FEMA 88               | Dam with 3740-3750 data   | Dam with 3750-3760 data   |
| FEMA 89               | Dam with 3760-3770 data   | Dam with 3770-3780 data   |
| FEMA 90               | Dam with 3780-3790 data   | Dam with 3790-3800 data   |
| FEMA 91               | Dam with 3800-3810 data   | Dam with 3810-3820 data   |
| FEMA 92               | Dam with 3820-3830 data   | Dam with 3830-3840 data   |
| FEMA 93               | Dam with 3840-3850 data   | Dam with 3850-3860 data   |
| FEMA 94               | Dam with 3860-3870 data   | Dam with 3870-3880 data   |
| FEMA 95               | Dam with 3880-3890 data   | Dam with 3890-3900 data   |
| FEMA 96               | Dam with 3900-3910 data   | Dam with 3910-3920 data   |
| FEMA 97               | Dam with 3920-3930 data   | Dam with 3930-3940 data   |
| FEMA 98               | Dam with 3940-3950 data   | Dam with 3950-3960 data   |
| FEMA 99               | Dam with 3960-3970 data   | Dam with 3970-3980 data   |
| FEMA 100              | Dam with 3980-3990 data   | Dam with 3990-4000 data   |











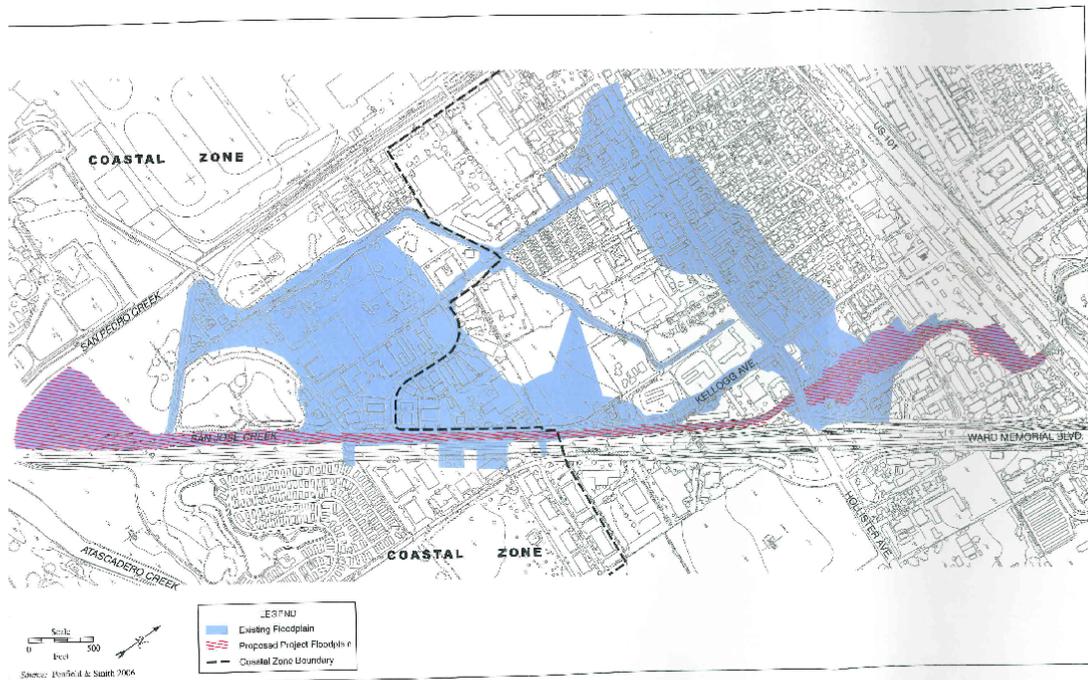
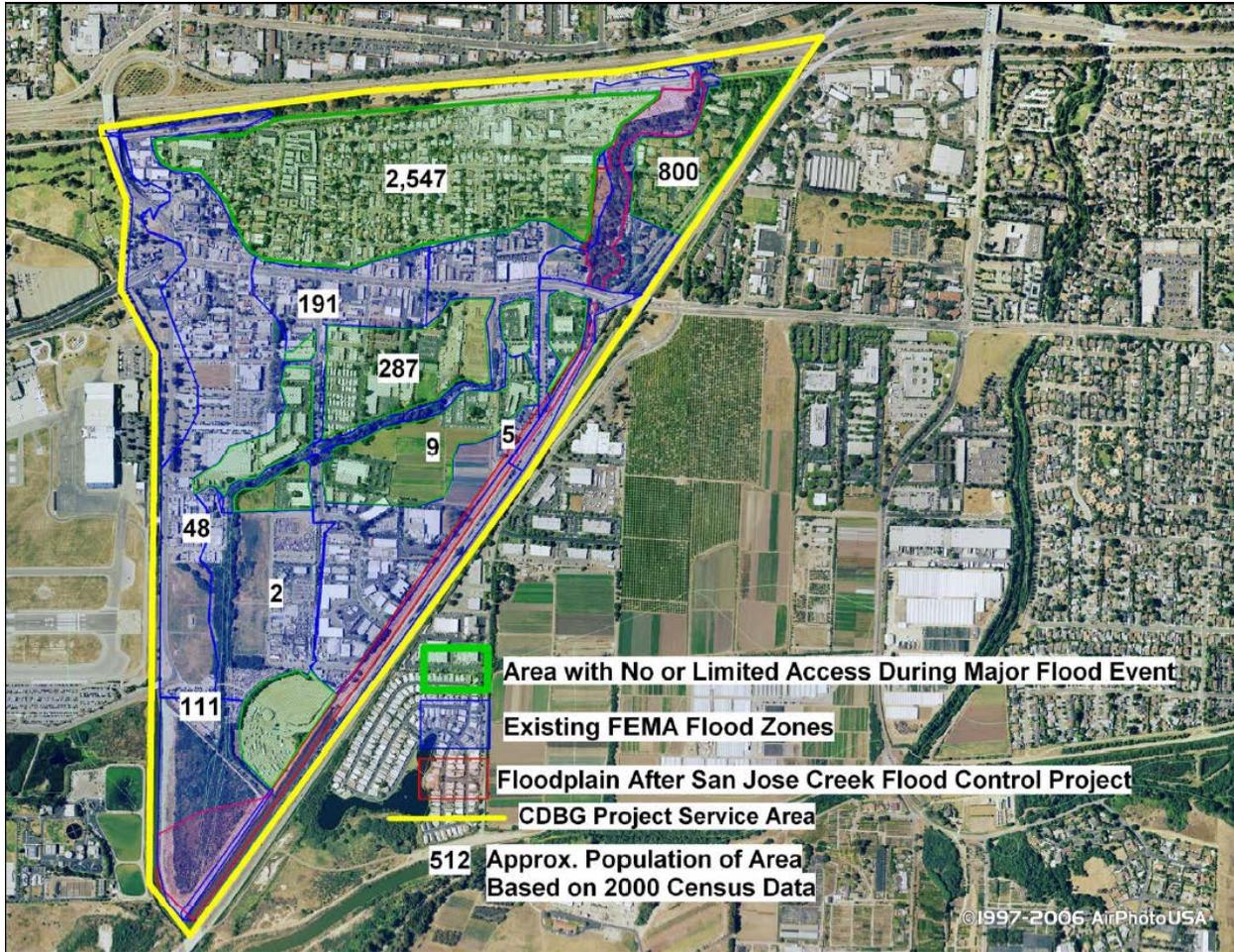


Figure 2. Existing and Proposed Project Floodplains



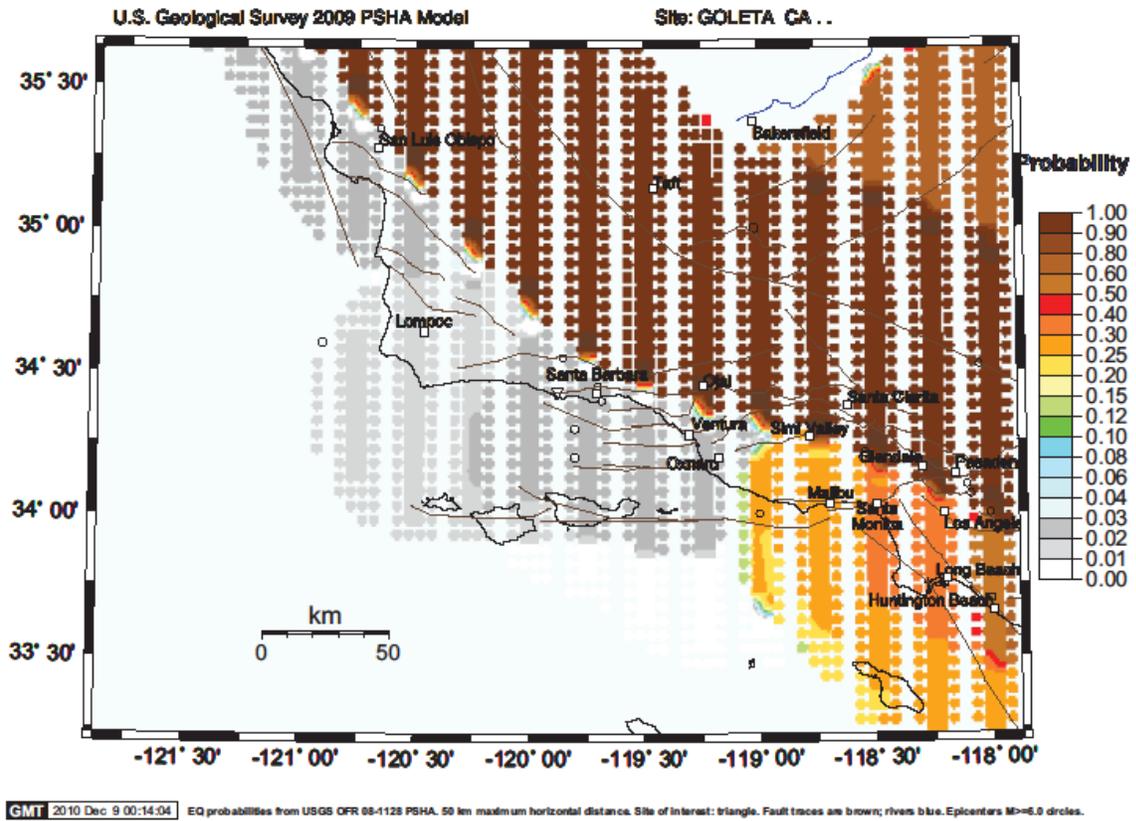
### 11.4.2 Wildfire

The City of Goleta ranked the wildfire hazard as being a significant planning concern for the City. For a complete listing of the wildfire profile, please refer to Section 5.4. The City of Goleta does not have additional city specific information on the risk to wildfire.

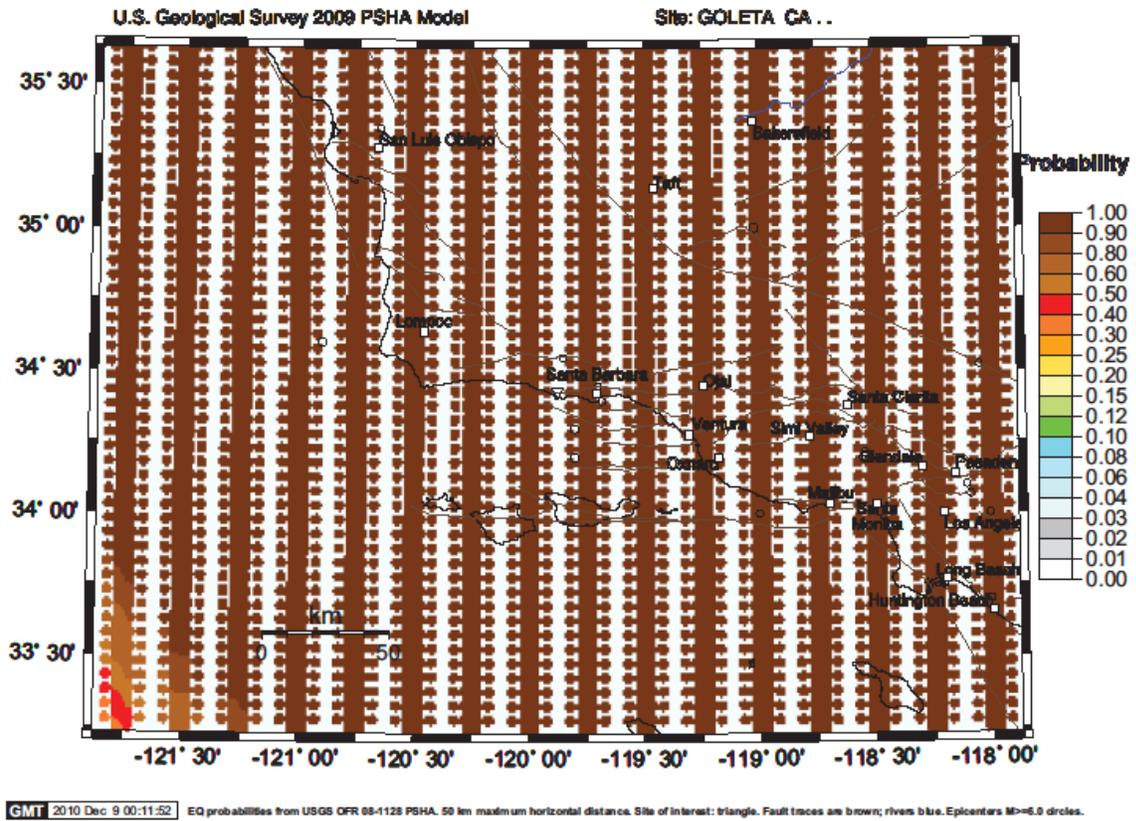
### 11.4.3 Earthquake

The City of Goleta ranked the earthquake hazard as being a significant planning concern for the City. For a complete listing of the earthquake profile, please refer to Section 5.5. The City of Goleta has some additional city specific information on earthquakes. The City of Goleta ran probabilities for 500 year and 2000 year scenarios for various magnitude earthquakes. The strongest earthquake the City of Goleta could experience is 7.6 with only a 3% probability in 2000 years. The figures below show all the resulting earthquake probabilities for the area.

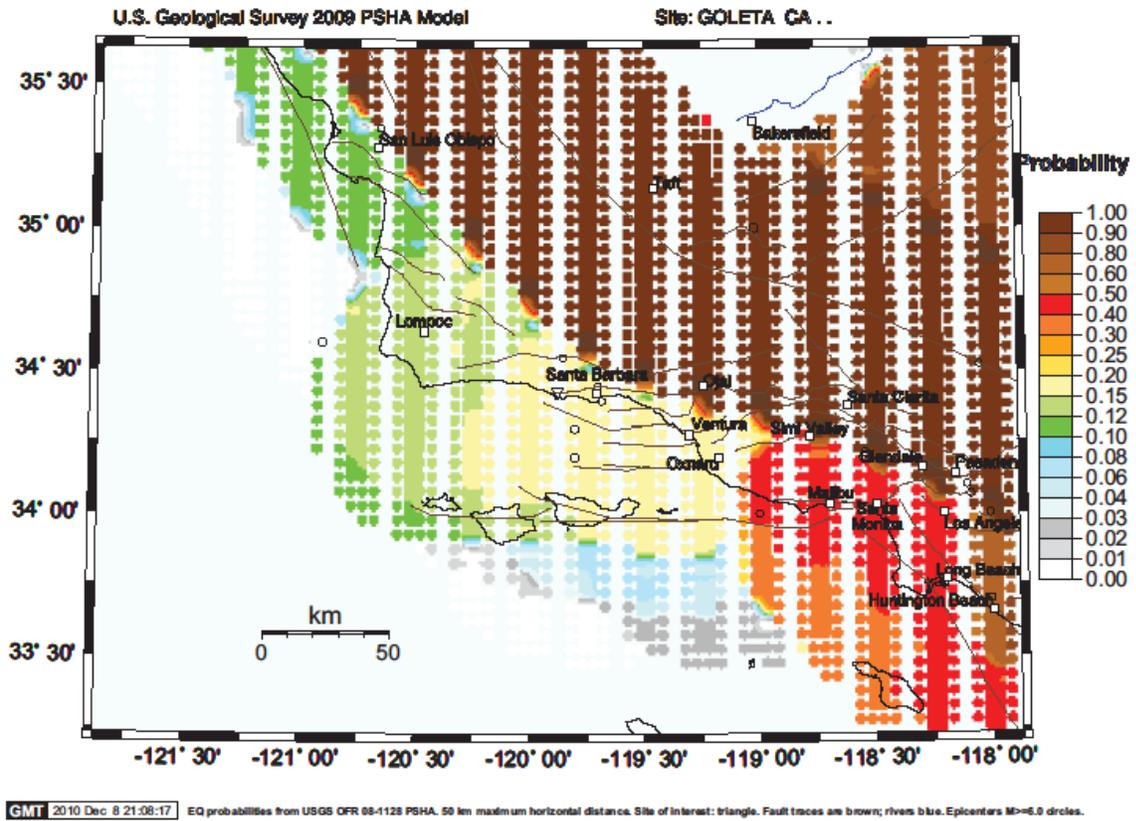
Probability of earthquake with M > 7.6 within 2000 years & 50 km



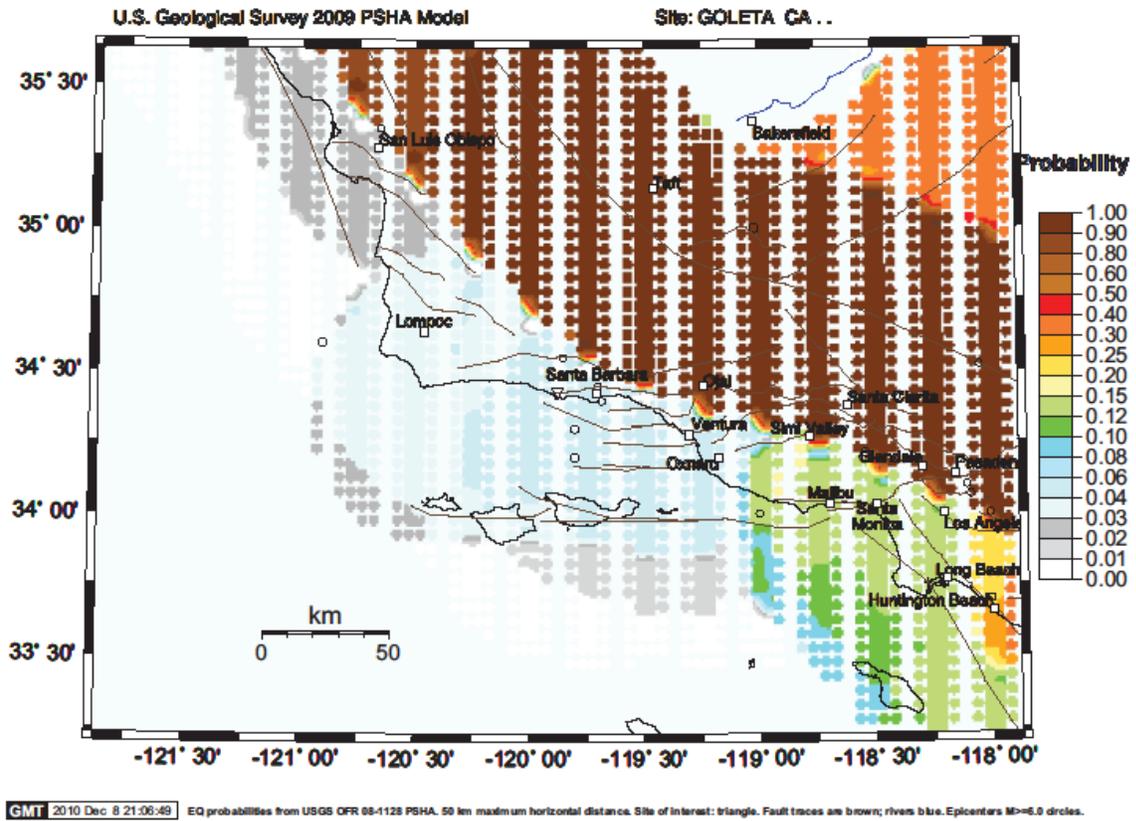
Probability of earthquake with M > 5.0 within 2000 years & 50 km



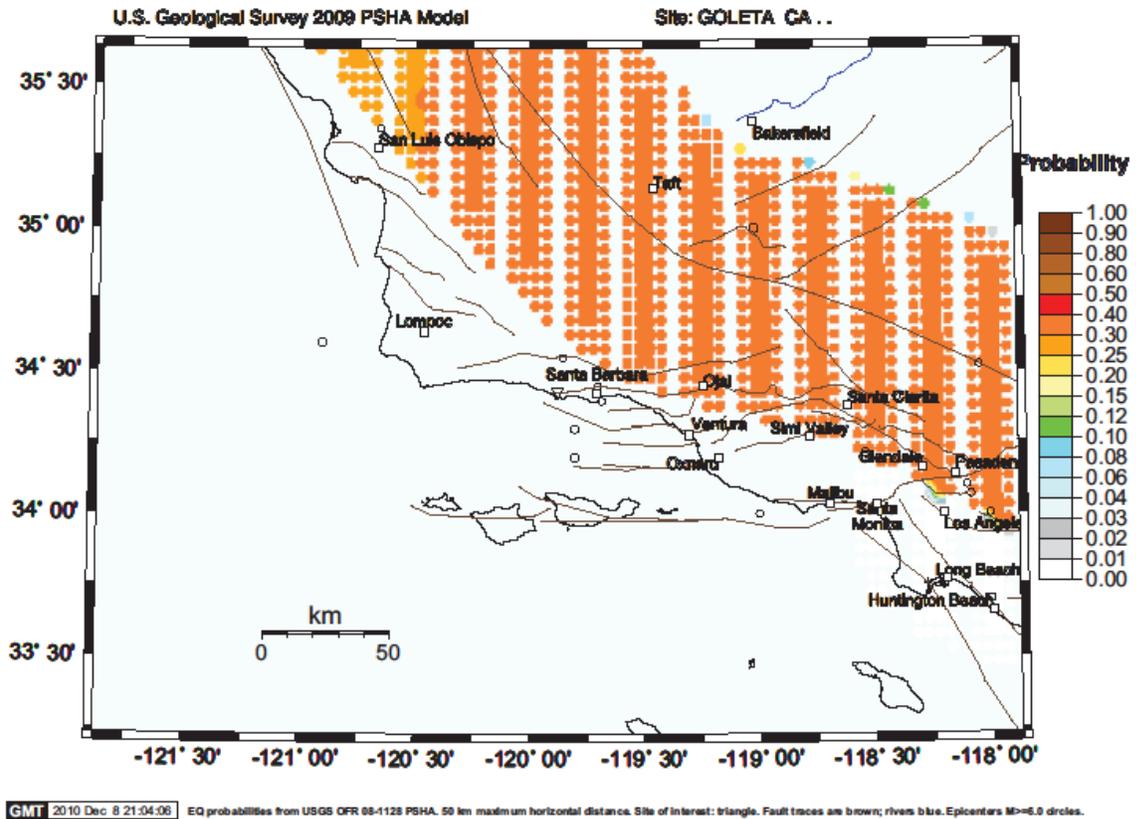
Probability of earthquake with M > 7.5 within 2000 years & 50 km



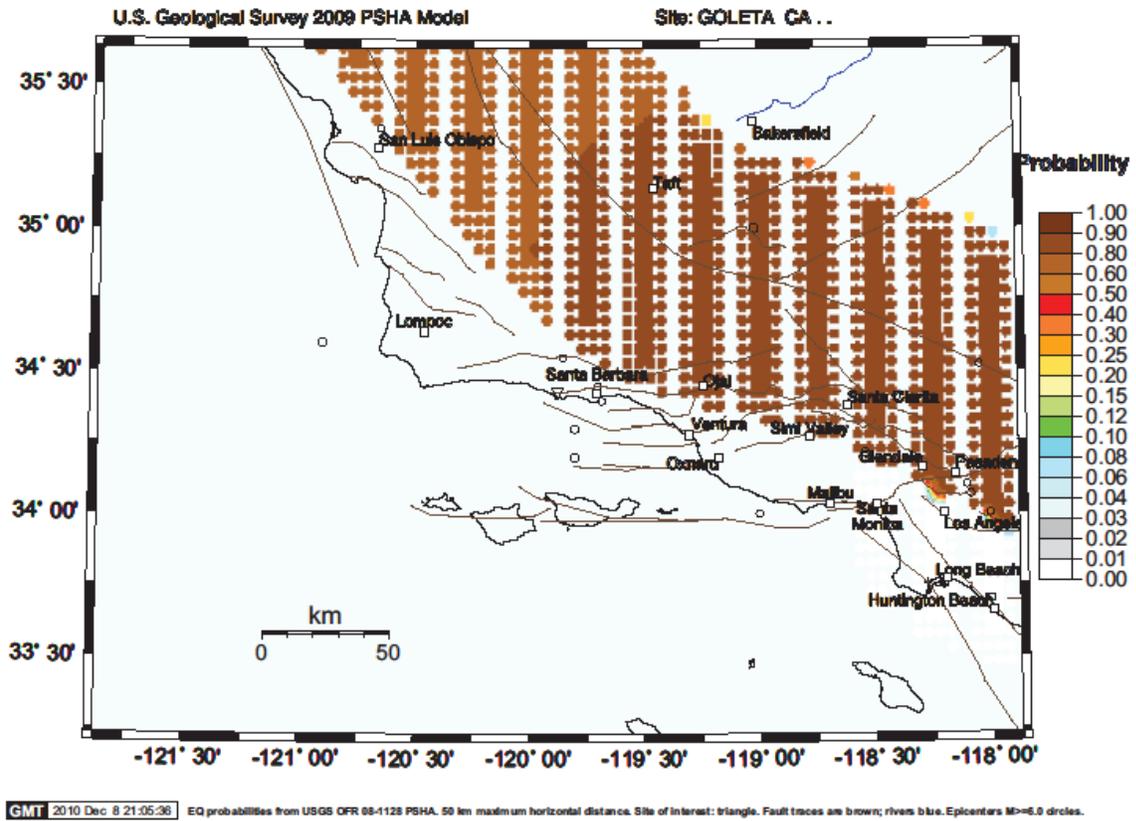
Probability of earthquake with M > 7.5 within 500 years & 50 km



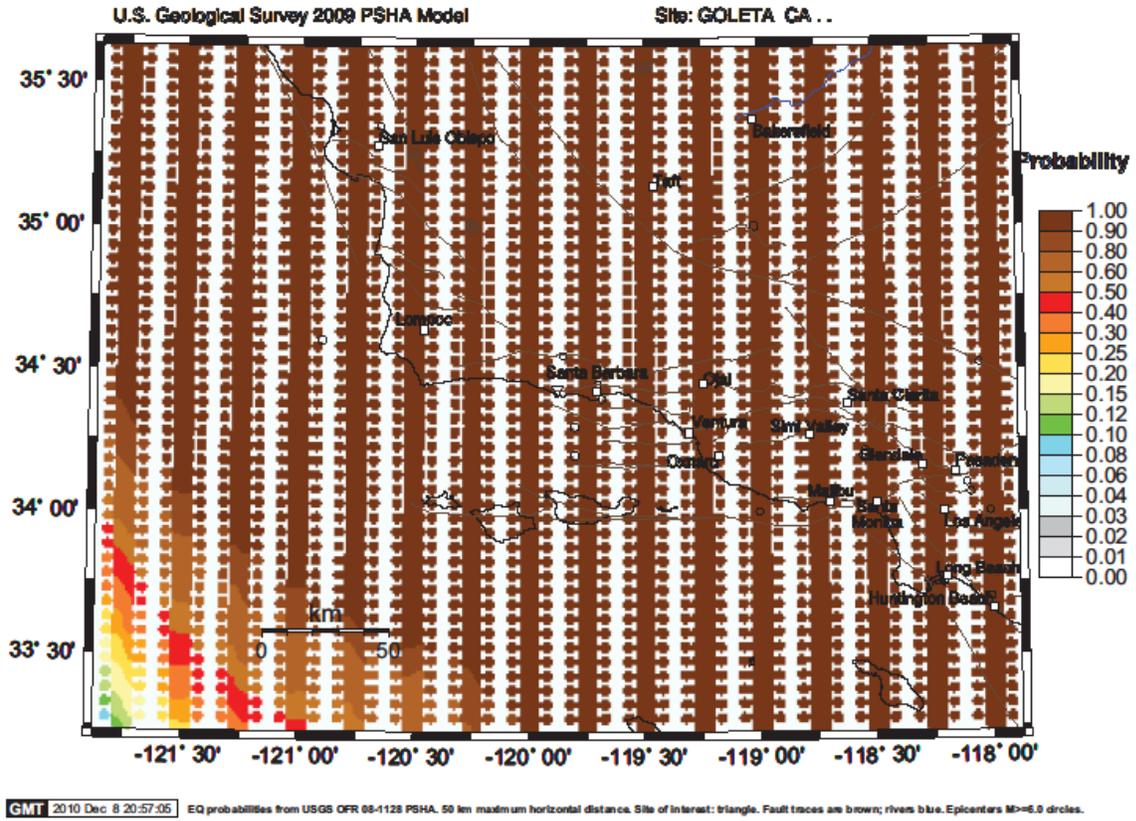
Pr [Crustal Earthquake with M > 8.0 within 500 years & 50 km]



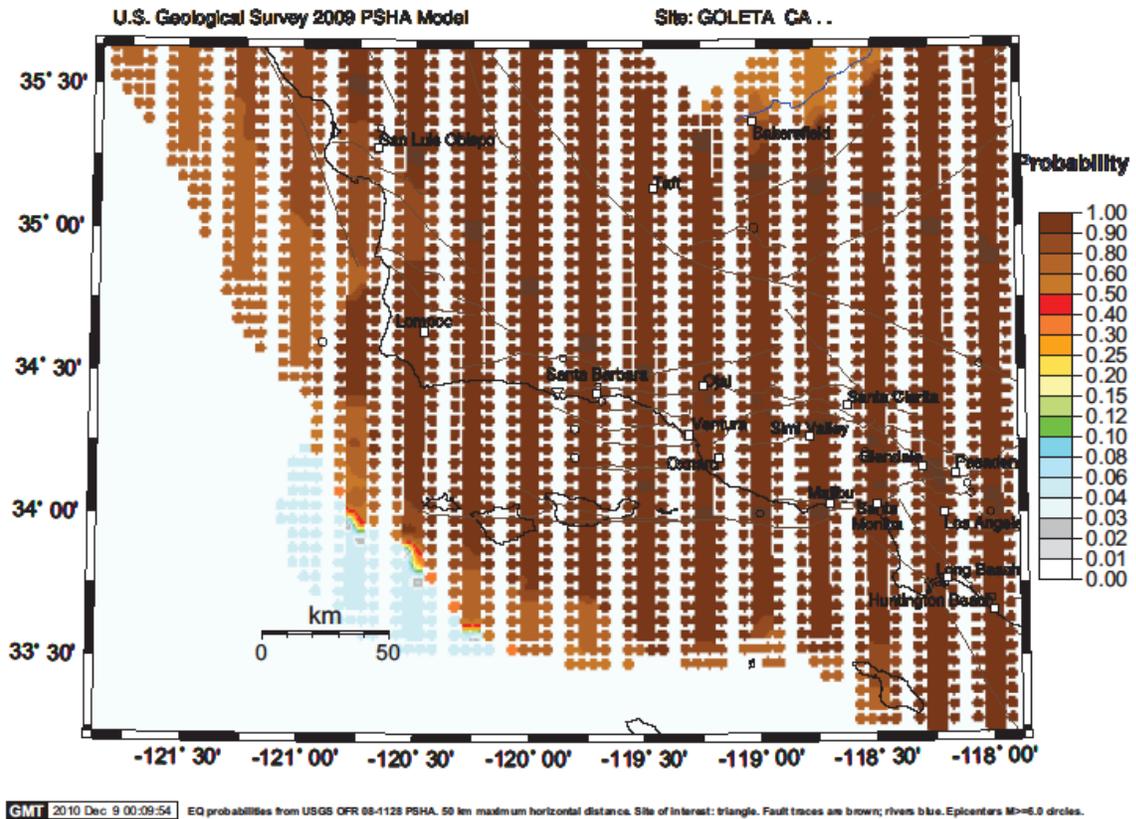
Pr [Crustal Earthquake with M > 8.0 within 2000 years & 50 km]



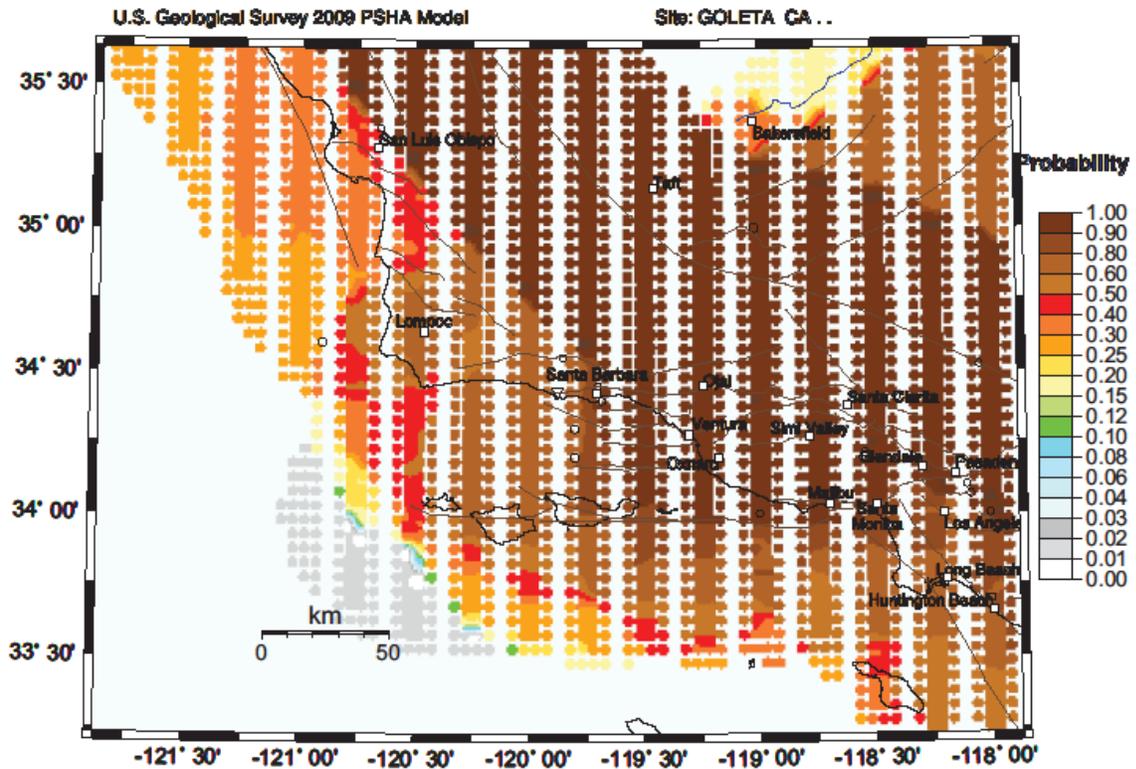
Probability of earthquake with M > 5.0 within 500 years & 50 km



Probability of earthquake with M > 7.0 within 2000 years & 50 km

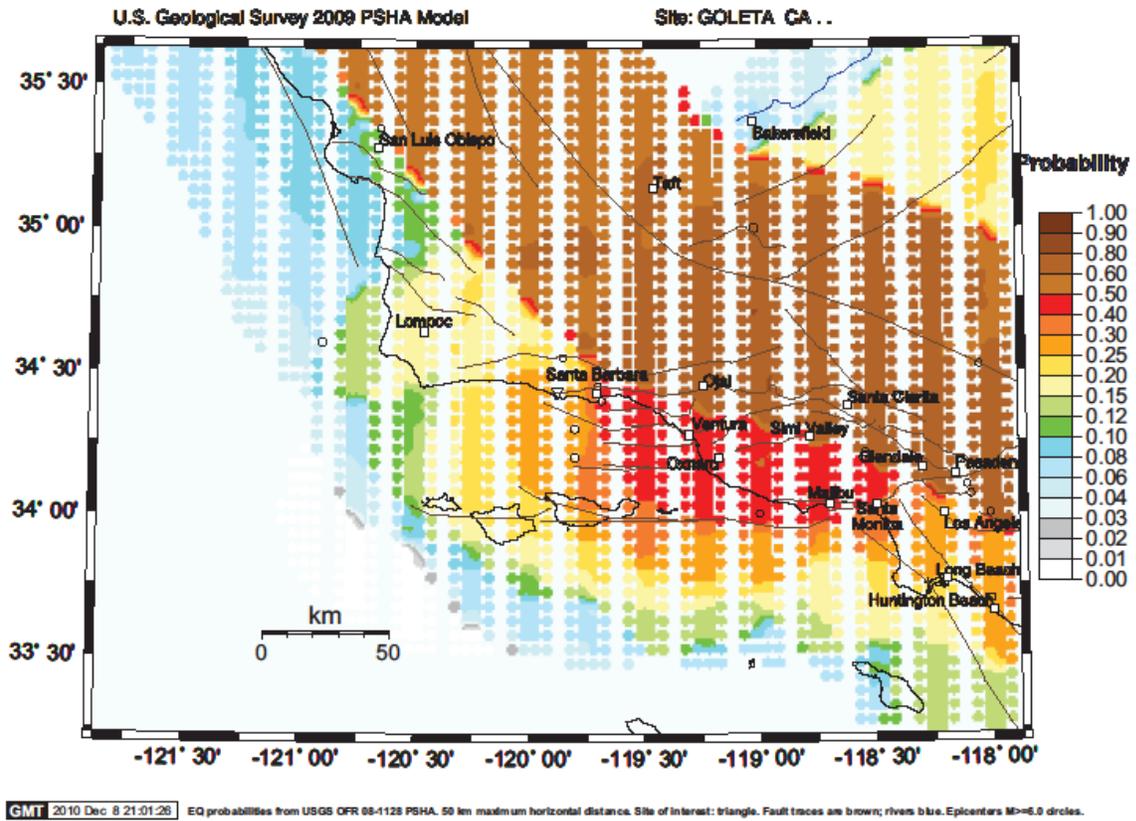


Probability of earthquake with M > 7.0 within 500 years & 50 km



GMT 2010 Dec 8 20:59:37 EQ probabilities from USGS OFR 08-1128 PSHA, 50 km maximum horizontal distance. Site of interest: triangle. Fault traces are brown; rivers blue. Epicenters  $M \geq 6.0$  circles.

Probability of earthquake with M > 7.0 within 100 years & 50 km



#### 11.4.4 Tsunami

The City of Goleta ranked the tsunami hazard as being a limited planning concern for the City. For a complete listing of the tsunami profile, please refer to Section 5.9. The tsunami run-up areas for the City of Goleta are shown in the map below.



## 11.5 VULNERABILITY ASSESSMENT

*The vulnerability assessment has been improved from the previous plan in that this update considers a specific list of critical facilities identified within the City of Goleta. The previous plan (2004) relied on the dataset used in FEMA's HAZUS software as a representation of assets.*

The City of Goleta identified 20 critical facilities to be included in the Vulnerability Assessment portion of the plan. These facilities primarily included bridges and a few government structures. Of the data that was available, it was shown that these buildings are worth approximately \$86 million in structure value.

The results of these facilities shown to be impacted (AT LEAST moderately) from each hazard are shown in the table below:

Hazard Type	Specific Risk	Count or (Average)	% of Critical Facilities Impacted	Exposure*
Flood				
	FEMA Flood Zone	13	65%	\$39,700,000
	Flood Overlay Zone	13	65%	\$39,700,000
Fire				
	Fire Severity Zone	0	0%	\$0
	WUI	8	40%	\$45,600,000
	Fire Threat	19	95%	\$77,700,000
Dam Inundation		3	15%	\$3,700,000
Tsunami Inundation		0	0%	\$0
Landslide Incidence		0	0%	\$0
Earthquake				
	Groundwater/Liquefaction Severity	20	100%	\$86,100,000
	Peak Ground Acceleration	(2.55)	N/A	N/A

It is worth noting that a majority of the City of Goleta's critical facilities evaluated were at least moderately impacted by the following threats:

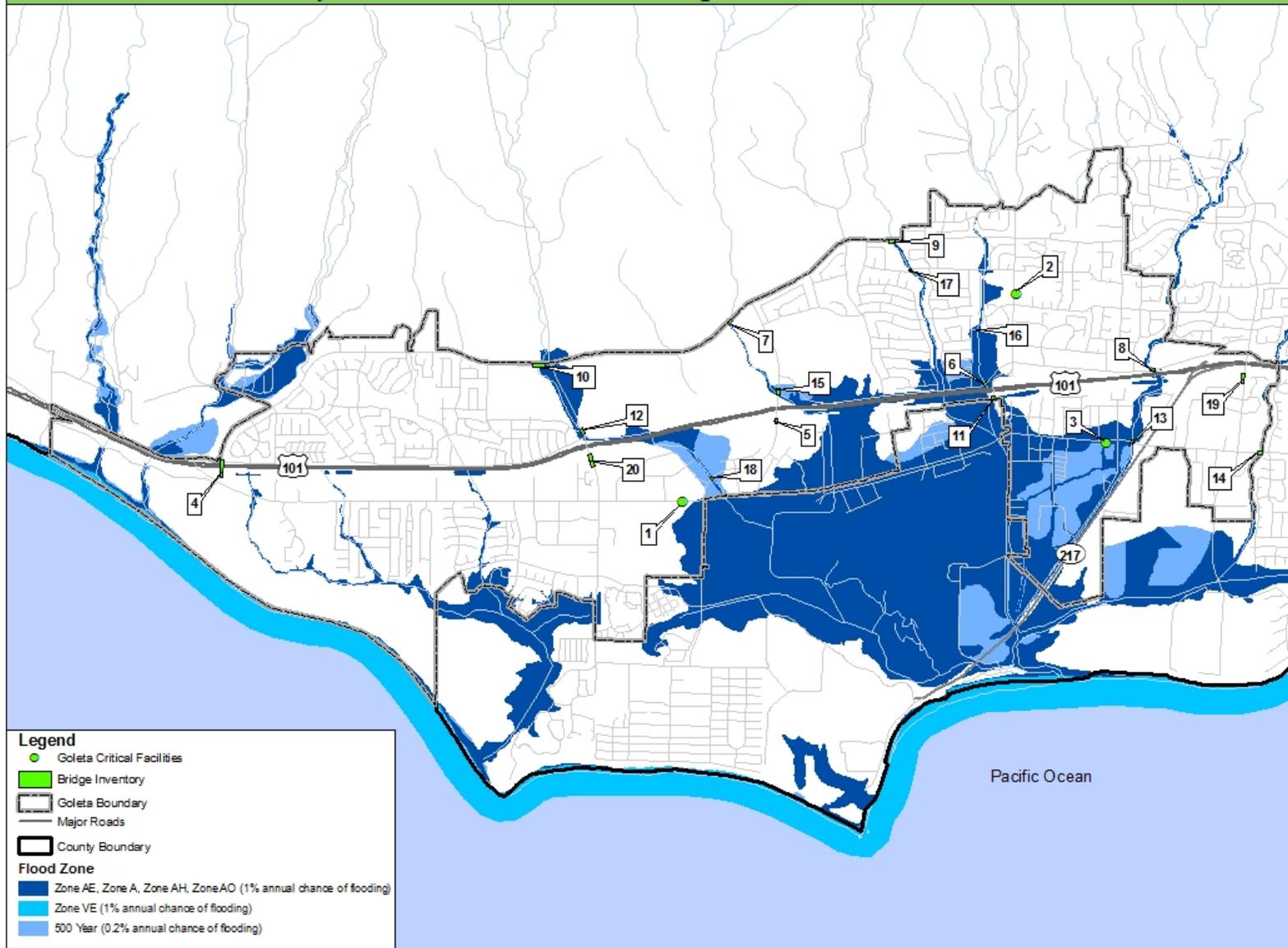
- FEMA Flood Zone
- Flood Overlay Zone
- Fire Threat
- Groundwater/Liquefaction Severity

A full description of the threats in the table above is provided in Section 6 of the countywide mitigation plan. As the City continues to assess its vulnerability the collection of better data will help to improve the risk assessment process in order to direct planning and mitigation decisions.

### 11.5.1 Flood Vulnerability

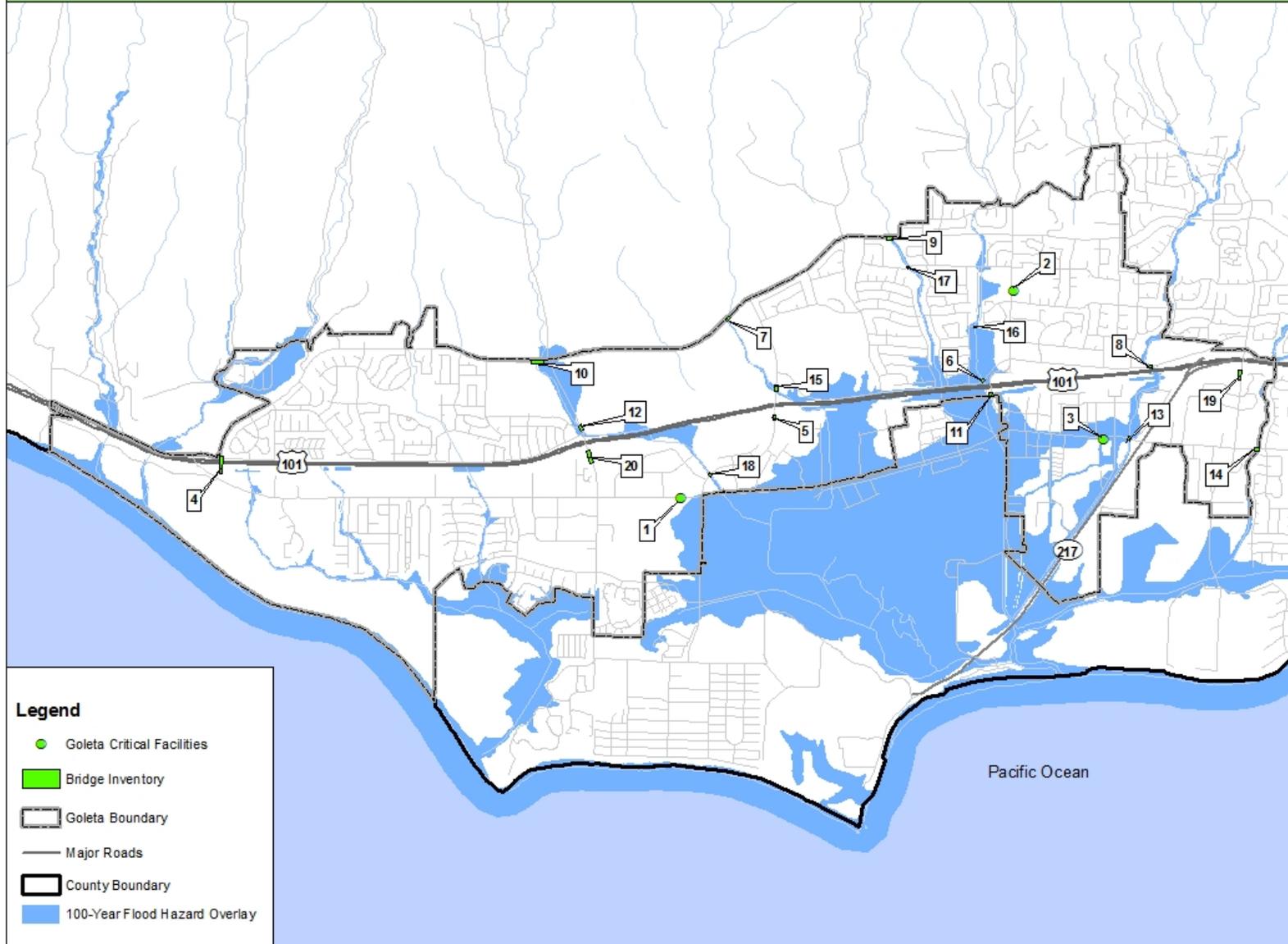
Map ID	Critical Facility	Type	Bldg Value	FEMA Flood Zone	Flood Overlay Zone
1	City of Goleta Corporation Yard Building	Government	\$2,000,000	Outside Floodplain	Outside Flood Overlay Zone
2	Goleta Library		\$5,000,000	Outside Floodplain	Outside Flood Overlay Zone
3	Goleta Valley Community Center		\$15,000,000	100 Year	100 Year Flood Hazard Overlay
4	Ellwood Overhead	Bridge	\$4,000,000	Outside Floodplain	Outside Flood Overlay Zone
5	Los Carneros Road Overhead	Bridge	\$9,000,000	Outside Floodplain	Outside Flood Overlay Zone
6	Las Vegas Creek	Bridge	\$1,500,000	100 Year	100 Year Flood Hazard Overlay
7	Los Carneros Creek	Bridge	\$8,400,000	Outside Floodplain	Outside Flood Overlay Zone
8	San Jose Creek	Bridge	\$1,900,000	100 Year	100 Year Flood Hazard Overlay
9	San Pedro Creek	Bridge	\$1,200,000	100 Year	100 Year Flood Hazard Overlay
10	Glen Annie Creek	Bridge	\$1,000,000	100 Year	100 Year Flood Hazard Overlay
11	Goleta Overhead	Bridge	\$8,000,000	100 Year	100 Year Flood Hazard Overlay
12	Glen Annie Creek	Bridge	\$1,000,000	100 Year	100 Year Flood Hazard Overlay
13	San Jose Creek	Bridge	\$4,500,000	100 Year	100 Year Flood Hazard Overlay
14	Maria Ygnacio Creek	Bridge	\$1,500,000	100 Year	100 Year Flood Hazard Overlay
15	Los Carneros Creek	Bridge	\$1,000,000	100 Year	100 Year Flood Hazard Overlay
16	Las Vegas Creek	Bridge	\$750,000	100 Year	100 Year Flood Hazard Overlay
17	San Pedro Creek	Bridge	\$650,000	100 Year	100 Year Flood Hazard Overlay
18	Tecolotito Creek	Bridge	\$1,700,000	100 Year	100 Year Flood Hazard Overlay
19	Patterson Avenue Overhead	Bridge	\$9,000,000	Outside Floodplain	Outside Flood Overlay Zone
20	Glen Annie Road Overhead	Bridge	\$9,000,000	Outside Floodplain	Outside Flood Overlay Zone
	<b>Exposure</b>		<b>\$86,100,000</b>	<b>\$39,700,000</b>	<b>\$39,700,000</b>

## City of Goleta Critical Facilities and Special Flood Hazard Areas



Source: Flood Insurance Rate Map (FIRM) Boundaries, Santa Barbara County GIS available at <http://www.countyofsb.org/itd/gis/default.aspx?id=2802>, September 15, 2009, prepared by FEMA.

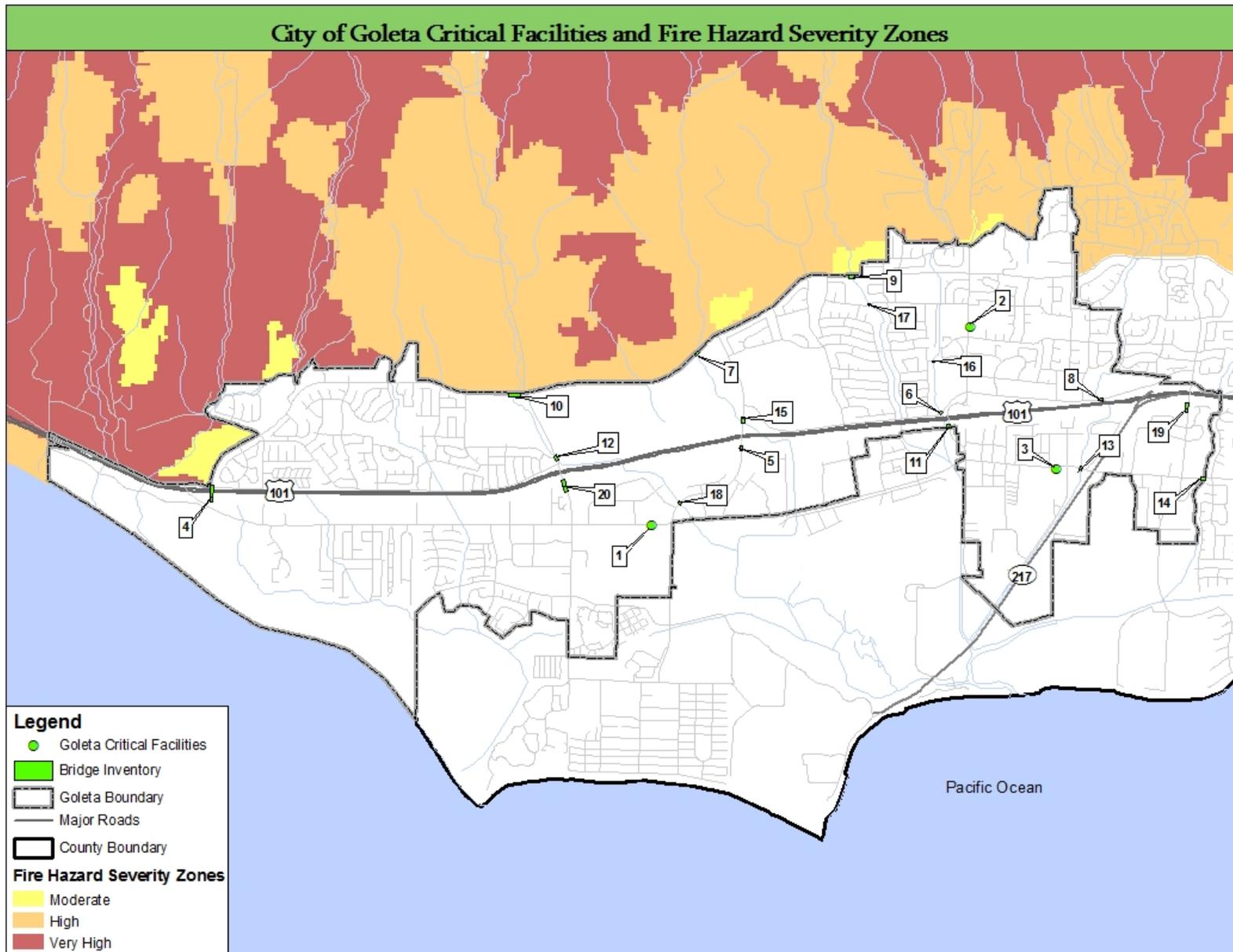
## City of Goleta Critical Facilities and Floodplain



Source: Overlay – Flood Hazard, Santa Barbara County GIS, available at <http://www.countyofsb.org/itd/gis/default.aspx?id=2802>, November 23, 2010

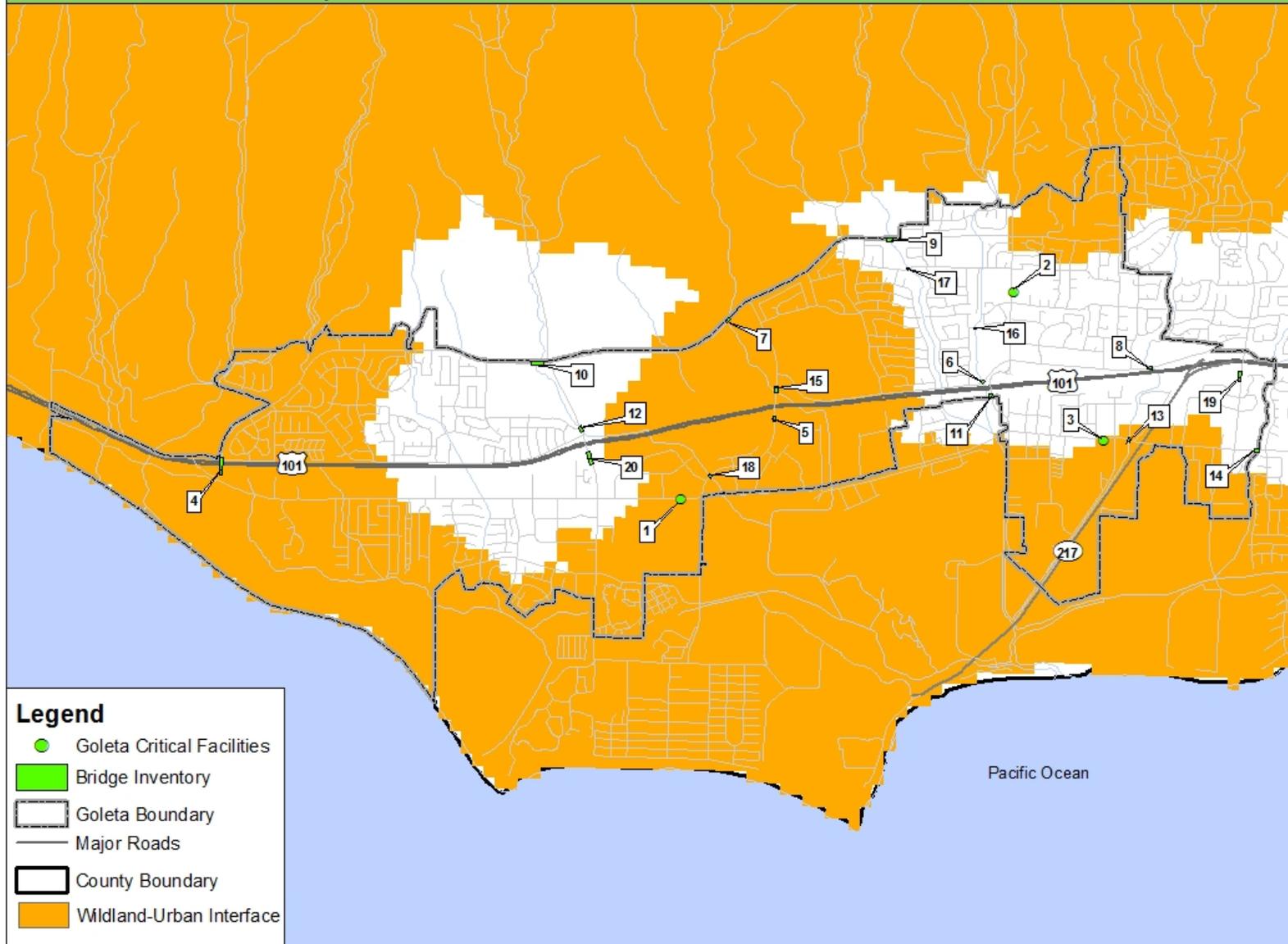
### 11.5.2 Wildfire Vulnerability

Map ID	Critical Facility	Bldg Value	Fire Hazard		
			Fire Severity Zone	WUI Zone	Fire Threat
1	City of Goleta Corporation Yard Building	\$2,000,000	Outside Fire Severity Zone	Within WUI	Moderate
2	Goleta Library	\$5,000,000	Outside Fire Severity Zone	Outside WUI	Moderate
3	Goleta Valley Community Center	\$15,000,000	Outside Fire Severity Zone	Within WUI	Moderate
4	Ellwood Overhead	\$4,000,000	Outside Fire Severity Zone	Within WUI	Moderate
5	Los Carneros Road Overhead	\$9,000,000	Outside Fire Severity Zone	Within WUI	Moderate
6	Las Vegas Creek	\$1,500,000	Outside Fire Severity Zone	Outside WUI	Moderate
7	Los Carneros Creek	\$8,400,000	Outside Fire Severity Zone	Within WUI	Little or No Threat
8	San Jose Creek	\$1,900,000	Outside Fire Severity Zone	Outside WUI	Moderate
9	San Pedro Creek	\$1,200,000	Outside Fire Severity Zone	Outside WUI	Moderate
10	Glen Annie Creek	\$1,000,000	Outside Fire Severity Zone	Outside WUI	Moderate
11	Goleta Overhead	\$8,000,000	Outside Fire Severity Zone	Outside WUI	Moderate
12	Glen Annie Creek	\$1,000,000	Outside Fire Severity Zone	Outside WUI	Moderate
13	San Jose Creek	\$4,500,000	Outside Fire Severity Zone	Within WUI	Moderate
14	Maria Ygnacio Creek	\$1,500,000	Outside Fire Severity Zone	Outside WUI	Moderate
15	Los Carneros Creek	\$1,000,000	Outside Fire Severity Zone	Within WUI	Moderate
16	Las Vegas Creek	\$750,000	Outside Fire Severity Zone	Outside WUI	Moderate
17	San Pedro Creek	\$650,000	Outside Fire Severity Zone	Outside WUI	Moderate
18	Tecolotito Creek	\$1,700,000	Outside Fire Severity Zone	Within WUI	Moderate
19	Patterson Avenue Overhead	\$9,000,000	Outside Fire Severity Zone	Outside WUI	Moderate
20	Glen Annie Road Overhead	\$9,000,000	Outside Fire Severity Zone	Outside WUI	Moderate
<b>Exposure</b>		<b>\$86,100,000</b>	<b>0</b>	<b>\$45,600,000</b>	<b>\$77,700,000</b>

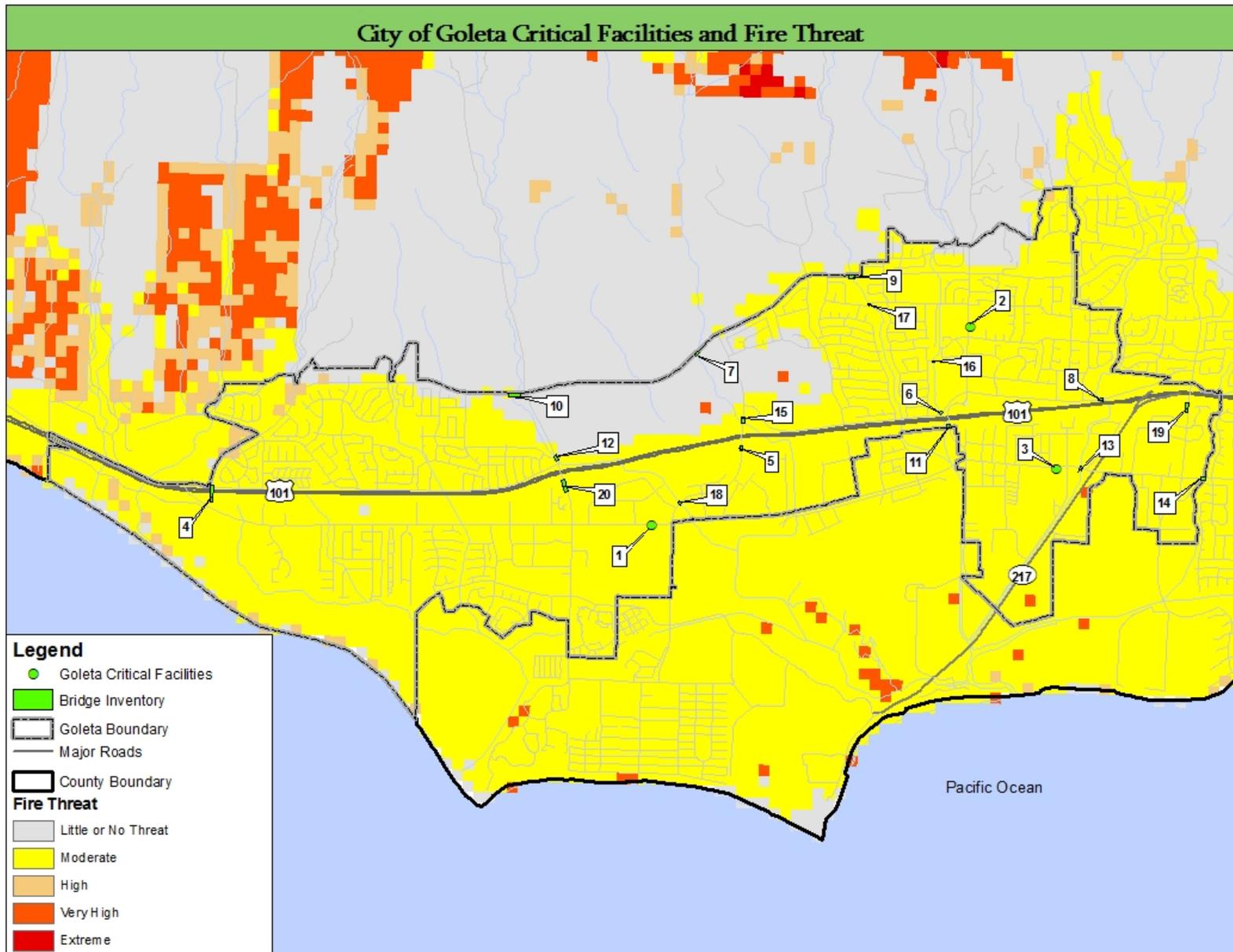


Source: County of Santa Barbara Fire GIS

## City of Goleta Critical Facilities and Wildland Urban Interface



Source: Wildland Urban Interface (WUI) Fire Threat, Fire and Resource Assessment Program (FRAP) available at <http://frap.cdf.ca.gov/data/frapgisdata/select.asp?theme=5>, 2003

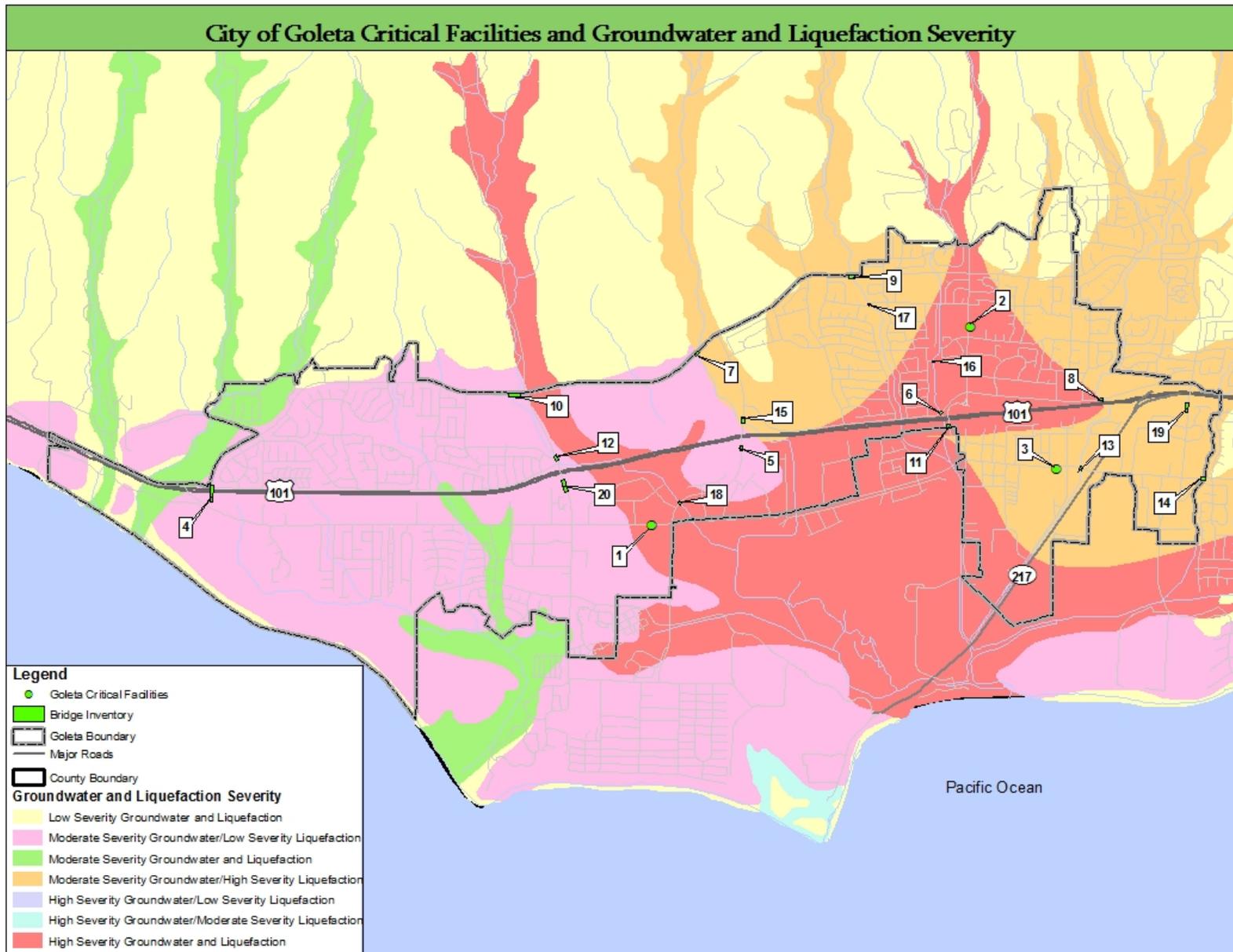


Source: Fire Threat, Fire and Resource Assessment Program (FRAP) available at <http://frap.cdf.ca.gov/data/frapgisdata/select.asp?theme=5>, 2004

### 11.5.3 Earthquake Vulnerability

Map ID	Critical Facility	Type	Bldg Value	Groundwater/Liquefaction Severity	Peak Ground Acceleration
1	City of Goleta Corporation Yard Building	Government	\$2,000,000	High/High	2.55
2	Goleta Library		\$5,000,000	High/High	2.55
3	Goleta Valley Community Center		\$15,000,000	Moderate/High	2.55
4	Ellwood Overhead	Bridge	\$4,000,000	Moderate/Low	2.55
5	Los Carneros Road Overhead	Bridge	\$9,000,000	Moderate/Low	2.55
6	Las Vegas Creek	Bridge	\$1,500,000	High/High	2.55
7	Los Carneros Creek	Bridge	\$8,400,000	Moderate/High	2.55
8	San Jose Creek	Bridge	\$1,900,000	High/High	2.55
9	San Pedro Creek	Bridge	\$1,200,000	Moderate/High	2.45
10	Glen Annie Creek	Bridge	\$1,000,000	Moderate/Low	2.55
11	Goleta Overhead	Bridge	\$8,000,000	High/High	2.55
12	Glen Annie Creek	Bridge	\$1,000,000	Moderate/Low	2.55
13	San Jose Creek	Bridge	\$4,500,000	Moderate/High	2.55
14	Maria Ygnacio Creek	Bridge	\$1,500,000	Moderate/High	2.65
15	Los Carneros Creek	Bridge	\$1,000,000	Moderate/High	2.55
16	Las Vegas Creek	Bridge	\$750,000	High/High	2.55
17	San Pedro Creek	Bridge	\$650,000	Moderate/High	2.55
18	Tecolotito Creek	Bridge	\$1,700,000	High/High	2.55
19	Patterson Avenue Overhead	Bridge	\$9,000,000	Moderate/High	2.55
20	Glen Annie Road Overhead	Bridge	\$9,000,000	Moderate/Low	2.55
<b>Exposure</b>			<b>\$86,100,000</b>	<b>\$86,100,000</b>	<b>2.55</b>



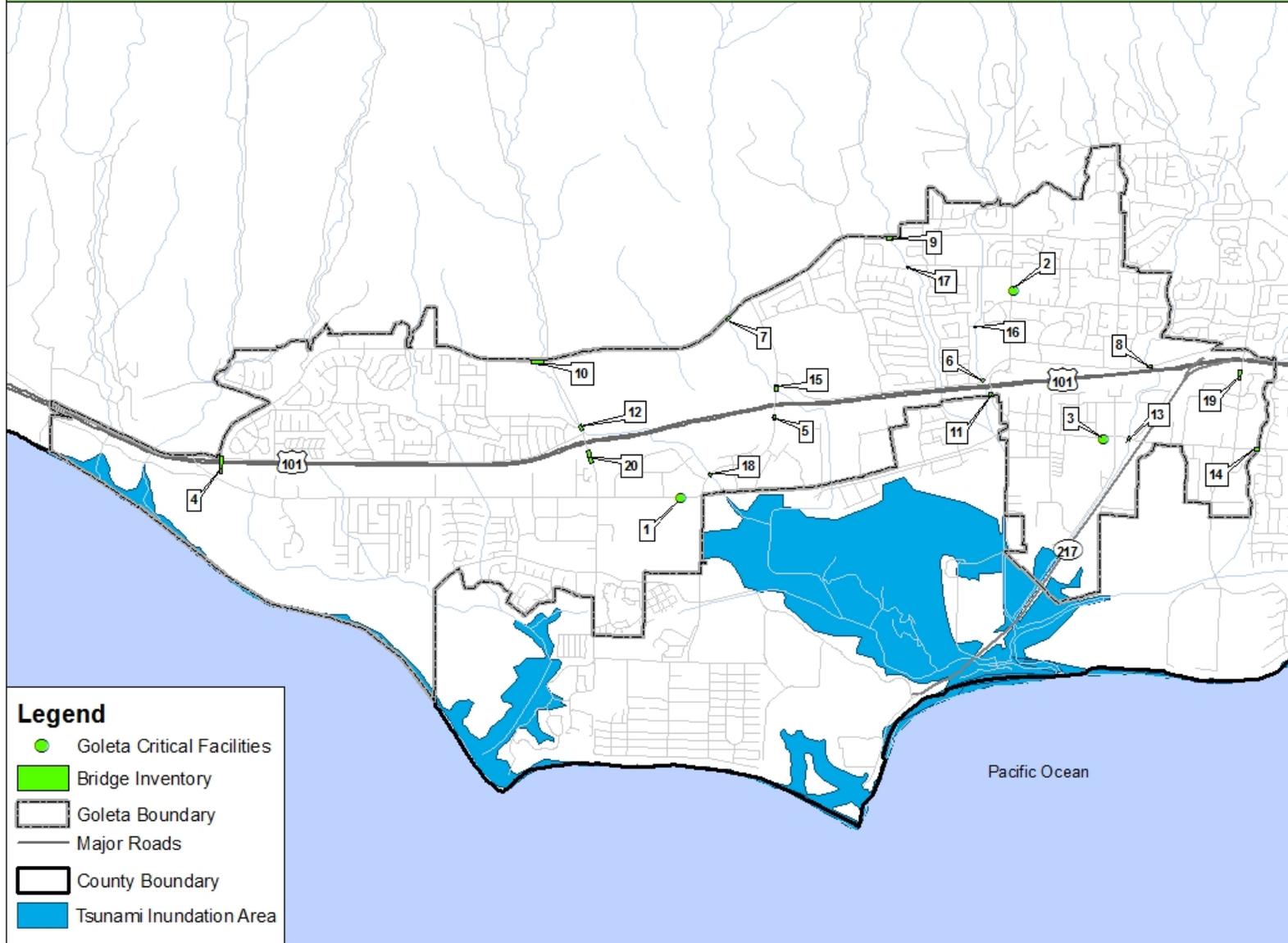


Source: Groundwater Liquefaction, Santa Barbara County GIS, available at <http://www.countyofsb.org/itd/gis/default.aspx?id=2802>, July 15, 2010, originally prepared by Moore and Taber in 1974.

### 11.5.4 Tsunami Vulnerability

Map ID	Critical Facility	Type	Bldg Value	Tsunami Inundation Area
1	City of Goleta Corporation Yard Building	Government	\$2,000,000	Outside Tsunami Inundation Area
2	Goleta Library		\$5,000,000	Outside Tsunami Inundation Area
3	Goleta Valley Community Center		\$15,000,000	Outside Tsunami Inundation Area
4	Ellwood Overhead	Bridge	\$4,000,000	Outside Tsunami Inundation Area
5	Los Carneros Road Overhead	Bridge	\$9,000,000	Outside Tsunami Inundation Area
6	Las Vegas Creek	Bridge	\$1,500,000	Outside Tsunami Inundation Area
7	Los Carneros Creek	Bridge	\$8,400,000	Outside Tsunami Inundation Area
8	San Jose Creek	Bridge	\$1,900,000	Outside Tsunami Inundation Area
9	San Pedro Creek	Bridge	\$1,200,000	Outside Tsunami Inundation Area
10	Glen Annie Creek	Bridge	\$1,000,000	Outside Tsunami Inundation Area
11	Goleta Overhead	Bridge	\$8,000,000	Outside Tsunami Inundation Area
12	Glen Annie Creek	Bridge	\$1,000,000	Outside Tsunami Inundation Area
13	San Jose Creek	Bridge	\$4,500,000	Outside Tsunami Inundation Area
14	Maria Ygnacio Creek	Bridge	\$1,500,000	Outside Tsunami Inundation Area
15	Los Carneros Creek	Bridge	\$1,000,000	Outside Tsunami Inundation Area
16	Las Vegas Creek	Bridge	\$750,000	Outside Tsunami Inundation Area
17	San Pedro Creek	Bridge	\$650,000	Outside Tsunami Inundation Area
18	Tecolotito Creek	Bridge	\$1,700,000	Outside Tsunami Inundation Area
19	Patterson Avenue Overhead	Bridge	\$9,000,000	Outside Tsunami Inundation Area
20	Glen Annie Road Overhead	Bridge	\$9,000,000	Outside Tsunami Inundation Area
<b>Exposure</b>			<b>\$86,100,000</b>	<b>0</b>

## City of Goleta Critical Facilities and Tsunami Inundation Area



Source: Tsunami Runup Limits, Santa Barbara County GIS available at [http://www.countyofsb.org/itd/gis/default.aspx?id=2802&ekmense1=e2f22c9a\\_486\\_496\\_btlink](http://www.countyofsb.org/itd/gis/default.aspx?id=2802&ekmense1=e2f22c9a_486_496_btlink), September 2009.

## 11.6 MITIGATION STRATEGY

*In preparation of the 2011 update of this plan, the City’s Local Planning Team reviewed the Mitigation Priorities from the previous plan and validated them for continued relevance. Additionally, the City made minor revisions to the Countywide goals and objectives to better reflect the needs for the City. This section contains the City’s updated and most current mitigation strategy as of July 2011.*

### 11.6.1 Mitigation Priorities

#### **Goals and Objectives**

The City of Goleta modified the goals and objectives as determined by the County wide Mitigation Advisory Committee to meet the specific needs of the City. These goals and objectives represent a vision of long-term hazard reduction or enhancement of capabilities.

<b>Goal 1: Promote disaster-resistant future development.</b>
<i>Objective 1.A: Facilitate the development or updating of the Comprehensive Plan, City General Plans and zoning ordinances to limit (or ensure safe) development in hazard areas.</i>
<i>Objective 1.B: Facilitate the adoption of building codes and development regulations that protect existing assets and require disaster resistant design for new development in hazard areas.</i>
<i>Objective 1.C: Facilitate consistent enforcement of the comprehensive plan, zoning ordinances, and building and fire codes</i>
<b>Goal 2: Build and support capacity and commitment for existing assets, including people, critical facilities/infrastructure, and public facilities, to become less vulnerable to hazards.</b>
<i>Objective 2.A: Increase awareness and knowledge of hazard mitigation principles and practice among local government officials.</i>
<i>Objective 2.B: Decrease the vulnerability of public infrastructure including facilities, roadways, and utilities.</i>
<i>Objective 2.C: Protect existing structures with the highest relative vulnerability to the effects of identified hazards through structural mitigation projects.</i>
Notes: This goal focuses on the programmatic and structural approaches to reducing risk to existing development. The term “local government” is used to refer to city, county, and special districts.

<b>Goal 3: Enhance hazard mitigation coordination and communication.</b>
<i>Objective 3.A: Educate the public to increase awareness of hazards, potential impact, and opportunities for mitigation actions.</i>
<i>Objective 3.B: Monitor and publicize the effectiveness of mitigation actions implemented countywide.</i>
<i>Objective 3.C: Participate in initiatives that have mutual hazard mitigation benefits for the County, cities, state, tribal, and federal governments, where feasible.</i>
<i>Objective 3.D: Encourage other organizations, within the public, private, and non-profit sectors, to incorporate hazard mitigation activities into their existing programs and plans.</i>
<i>Objective 3.E: Encourage partnerships between the state, local, and tribal governments to identify, prioritize, and implement mitigation actions.</i>
<i>Objective 3.F: Support a coordinated permitting activities process and consistent enforcement.</i>
Note: This goal focuses on communication and coordination required for successful mitigation of risk.

### **11.6.2 Mitigation Progress**

The City’s Local Planning Team reviewed the mitigation actions listed in the 2004 plan to determine the status of each action. This following table includes only the actions that have been completed or were underway as of June 2011.

Ultimately, all of these projects will be completed and are no longer necessary for consideration by the LPT regarding implementation approaches. Mitigation actions identified for future implementation are presented in the following section.

**Table 11-8 Completed and In-Progress Mitigation Actions**

<b>2004 Plan Action #</b>	<b>Mitigation Action Description</b>	<b>Status</b>	<b>Completion Date</b>	<b>Comments</b>	<b>Prioritization</b>
GEN 2	Comprehensive Emergency Response Plan	<b>Completed</b>	Sept. 30, 2006	Comprehensive Update Completed in 2011	0
GEN 4	Voluntary Critical Facility Audits	<b>Completed</b>	ongoing	bridge inventory; Caltrans conducts regular inspections	0
FLD 3	Thornwood Drive Storm Drainage Improvements	<b>Completed</b>	2008		0
EQ 1	Partnership to Evaluate Earthquake Risk Related to the Venoco Oil and Gas Processing Facility	<b>Completed</b>	2010	Venoco Ellwood Onshore Facility Emergency Action Plan Approved 2010	0
WDF-1	Site Selection for New Fire Station	<b>Completed</b>	11/16/2010		0
TSN/CS-1	Re-evaluate Tsunami Hazard Identification and Risk Assessment In Subsequent Updates to this Plan	<b>Completed</b>	2010	General Plan Map Update 2010	0
FLD-3	Thornwood Drive Storm Drainage Improvements	<b>Completed</b>	2008		
GEN 1	Increase GIS Capabilities and Hazard Related Applications and Support Santa Barbara County's Multi-Hazard Disaster Management Information System	<b>In Progress</b>		JDL Mapping Contract	0
GEN 3	Obtain better data on the impacts of hazards on future development	<b>In Progress</b>		Coordination with Fire Dept., Venoco, Gen. Plan. Hazard Map updates.	0
GEN 6	Community Emergency Response Team (CERT) Training	<b>In Progress</b>		On-going	0
FLD 2	San Jose Creek/Hollister Avenue Bridge Replacement Project	<b>In Progress</b>	2016	Design Completed and Phase I Contract Awarded - 2011	0
WDF-2	Perform a Comprehensive Evaluation of all Wildfire Hazard Reduction Programs	<b>In Progress</b>		Work being performed by Geo Elements, LLC	0
WDF-3	Firewise Community Planning and Prevention Techniques	<b>In Progress</b>		Work being performed by Geo Elements, LLC	0
WDF-4	Develop New Fire Station in Western Goleta	<b>In Progress</b>		Execution of MOU with County and Design Contract expected by the end of 2011	

The following table presents mitigation actions identified in the 2004 plan that have not been completed and are being removed from consideration.

<b>Table 11-9 Deleted Mitigation Actions</b>			
<b>2004 Plan Action #</b>	<b>Mitigation Action Description</b>	<b>Status</b>	<b>Comments</b>
GEN 5	Development Impact Fee Incorporation of Mitigation Projects	Deleted	DELETE
FLD 1	Enhance Floodplain Management Ordinance	Deleted	DELETE
EQ 3	Inventory of Un-reinforced Masonry Structures in Goleta	Deleted	not City
EQ 4	Seismic Safety and Mitigation Outreach and Education	Deleted	not City

### 11.6.3 Mitigation Approach

The City of Goleta’s Local Planning Team used the STAPLE/E Criteria (Social, Technical, Administrative, Political, Legal, Economic, and Environmental) to evaluate the mitigation actions identified in the 2004 plan which have not been completed or implemented (noted as deferred) in addition to newly identified mitigation actions. The social, technical, administrative, political, legal, economic, and environmental aspects of each project were ranked using the following scale:

- 0 = Poor (negative impacts)
- 1 = Fair (neutral or no impacts)
- 2 = Good (positive impacts)
- 3 = Excellent (very favorable impacts)

This process was used to help ensure that the most equitable and feasible actions would be undertaken based on available resources. Table 11-10 presents the STAPLE/E criteria.

<b>TABLE 11-10 — STAPLE/ E REVIEW AND SELECTION CRITERIA FOR ALTERNATIVES</b>	
<b>SOCIAL</b>	
<ul style="list-style-type: none"> <li>IS THE PROPOSED ACTION SOCIALLY ACCEPTABLE TO THE COMMUNITY?</li> <li>ARE THERE EQUITY ISSUES INVOLVED THAT WOULD MEAN THAT ONE SEGMENT OF THE COMMUNITY ARE TREATED UNFAIRLY?</li> <li>WILL THE ACTION CAUSE SOCIAL DISRUPTION?</li> </ul>	
<b>TECHNICAL</b>	
<ul style="list-style-type: none"> <li>WILL THE PROPOSED ACTION WORK?</li> <li>WILL IT CREATE MORE PROBLEMS THAN IT SOLVES?</li> <li>DOES IT SOLVE A PROBLEM OR ONLY A SYMPTOM?</li> <li>IS IT THE MOST USEFUL ACTION IN LIGHT OF OTHER COMMUNITY GOALS?</li> </ul>	
<b>ADMINISTRATIVE</b>	
<ul style="list-style-type: none"> <li>CAN THE COMMUNITY IMPLEMENT THE ACTION?</li> <li>IS THERE SOMEONE TO COORDINATE AND LEAD THE EFFORT?</li> <li>IS THERE SUFFICIENT FUNDING, STAFF, AND TECHNICAL SUPPORT AVAILABLE?</li> <li>ARE THERE ONGOING ADMINISTRATIVE REQUIREMENTS THAT NEED TO BE MET?</li> </ul>	
<b>POLITICAL</b>	

**TABLE 11-10 — STAPLE/ E REVIEW AND SELECTION CRITERIA FOR ALTERNATIVES**

- IS THE ACTION POLITICALLY ACCEPTABLE?
- IS THERE PUBLIC SUPPORT BOTH TO IMPLEMENT AND TO MAINTAIN THE PROJECT?

**LEGAL**

- IS THE COMMUNITY AUTHORIZED TO IMPLEMENT THE PROPOSED ACTION? IS THERE A CLEAR LEGAL BASIS OR PRECEDENT FOR THIS ACTIVITY?
- ARE THERE LEGAL SIDE EFFECTS? COULD THE ACTIVITY BE CONSTRUED AS A TAKING?
- IS THE PROPOSED ACTION ALLOWED BY THE GENERAL PLAN, OR MUST THE GENERAL PLAN BE AMENDED TO ALLOW THE PROPOSED ACTION?
- WILL THE COMMUNITY BE LIABLE FOR ACTION OR LACK OF ACTION?
- WILL THE ACTIVITY BE CHALLENGED?

**ECONOMIC**

- WHAT ARE THE COSTS AND BENEFITS OF THIS ACTION?
- DO THE BENEFITS EXCEED THE COSTS?
- ARE INITIAL, MAINTENANCE, AND ADMINISTRATIVE COSTS TAKEN INTO ACCOUNT?
- HAS FUNDING BEEN SECURED FOR THE PROPOSED ACTION? IF NOT, WHAT ARE THE POTENTIAL SOURCES (PUBLIC, NON-PROFIT, AND PRIVATE)?
- HOW WILL THIS ACTION AFFECT THE FISCAL CAPABILITY OF THE COMMUNITY?
- WHAT BURDEN WILL THIS ACTION PLACE ON THE TAX BASE OR LOCAL ECONOMY?
- WHAT ARE THE BUDGET AND REVENUE EFFECTS OF THIS ACTIVITY?
- DOES THE ACTION CONTRIBUTE TO OTHER COMMUNITY GOALS, SUCH AS CAPITAL IMPROVEMENTS OR ECONOMIC DEVELOPMENT?
- WHAT BENEFITS WILL THE ACTION PROVIDE?

**ENVIRONMENTAL**

- HOW WILL THE ACTION AFFECT THE ENVIRONMENT?
  - WILL THE ACTION NEED ENVIRONMENTAL REGULATORY APPROVALS?
  - WILL IT MEET LOCAL AND STATE REGULATORY REQUIREMENTS?
- ARE ENDANGERED OR THREATENED SPECIES LIKELY TO BE AFFECTED?

The following table presents the six actions to be considered and implemented during the life of this plan update (as of June 2011) and their priority score based on the STAPLEE analysis.

**Table 11-11 Mitigation Actions for Future Implementation**

<b>2011 Plan Action #</b>	<b>Mitigation Action Description</b>	<b>Status</b>	<b>Responsible Dept.</b>	<b>Comments</b>	<b>Priority Score</b>	<b>S</b>	<b>T</b>	<b>A</b>	<b>P</b>	<b>L</b>	<b>E</b>	<b>E</b>
2011-1	San Jose Creek/Hollister Avenue Bridge Replacement Project	In Progress	Community Services Dept.	Construction phase to begin late 2011 or early 2012 - target completion is 2016	18	3	3	3	3	1	2	3
2011-2	Lake Los Carneros Outlet Structure Rehabilitation	Initiation Pending	Community Services Dept.	Target completion - 2015	10	1	2	2	1	1	1	2
2011-3	Join the NFIP Community Rating System (CRS)	Initiation Pending	Community Services Dept.	Target completion - 2013	8	1	1	1	1	1	2	1
2011-4	San Pedro Creeks Culvert Modifications	Initiation Pending	Community Services Dept.		11	1	2	2	1	1	2	2
<b>2011 Plan Action #</b>	<b>New Mitigation Action</b>											
2011-5	Develop New Fire Station in Wester Goleta	New in 2011	RDA/NS/Public Safety; CSD; Co Fire District	MOU executed with County and Award Contract for Design by end of 2011.	18	3	3	2	3	2	2	3
2011-6	Avenida Gorrion New Storm Drain	New in 2011	Community Services Dept.		11	1	2	2	1	1	2	2

### 11.6.4 Implementation Plan

<b>Mitigation Action # 2011 – 1</b>		In progress – FLD-2 from 2004
<p><b>Project Description:</b> San Jose Creek/Hollister Avenue Bridge Replacement Project</p> <p>This project will construct capacity improvements to the San Jose Creek Channel that will increase the design storm from a 25 year to a 100 year storm event. The new channel will be 50 feet wide with vertical walls and an articulated concrete revetment bottom. The revetment will include fish passage. The project will require the reconstruction of the entire channel and the replacement of the Hollister Avenue Bridge over San Jose Creek. The bridge project will begin after the channel portion is completed. This second phase of the project will replace the Hollister Avenue Bridge over San Jose Creek. The new bridge will have a 100 year storm flow capacity and will be designed to fit with the San Jose Creek project.</p> <p>The project will reduce flooding and related impacts within Old Town Goleta by increasing the capacity of the channel to accommodate a 100 year storm event. The project will result in a redrawing of the FEMA flood plain maps to remove approximately 200 parcels from the flood plain. Identify funding</p> <ul style="list-style-type: none"> <li>• Construction contract awarded Summer 2011</li> <li>• Obtain permits</li> <li>• Construct mitigation project</li> </ul>		
<b>Applicable Hazards</b>		
<p><b><u>Significant</u></b></p> <p><input checked="" type="checkbox"/> Flooding (including coastal surge)</p> <p><input type="checkbox"/> Wildfire</p> <p><input type="checkbox"/> Agriculture (pests and disease)</p> <p><input type="checkbox"/> Earthquake</p>	<p><b><u>Moderate</u></b></p> <p><input type="checkbox"/> Landslide / Coastal Erosion</p>	<p><b><u>Limited</u></b></p> <p><input type="checkbox"/> Dam Failure</p> <p><input type="checkbox"/> Tsunami</p>
<p><b>Existing and Potential Resources:</b> Funding for this project is a combination of Redevelopment Agency (RDA), Santa Barbara County Flood Control District, Goleta Valley Land Trust and California Fish and Game Fisheries Restoration Grant (FRGP) funds. Proposition 84 and Habitat Conservation Grants are also expected to be awarded.</p>		
<p><b>Responsible Department:</b> Community Services Department – Engineering, Public Works Maintenance, with cooperation from County Flood Control District</p>		
<p><b>Target Completion Date:</b> 2016</p>		
<p><b>Additional Comments / Status Report:</b></p> <p>The threat to public safety, infrastructure, commerce and residential and commercial properties in terms of dollars, in the event of a failure is expected to significantly exceed the cost of this project.</p>		

**Project Description:** Lake Los Carneros Outlet Structure Rehabilitation

Previous storm events have damaged the outlet works potentially threatening the integrity of the structure. The City would like to perform a geotechnical/structural analysis of the existing outlet works to determine what measures are necessary to protect the integrity of the structure in futures storm or seismic events. Failure of the outlet structure would impact adjacent developed residential and commercial properties and Calle Real.

- Identify funding
- Obtain Engineering Consultant to perform geotechnical/structural analysis and recommend mitigation alternatives
- Obtain permits
- Construct mitigation project

**Applicable Hazards**

**Significant**

- Flooding (including coastal surge)
- Wildfire
- Agriculture (pests and disease)
- Earthquake

**Moderate**

- Landslide / Coastal Erosion

**Limited**

- Dam Failure
- Tsunami

**Existing and Potential Resources:** Cal EMA, General Funds, FEMA (HMGP, PDM-C or PA 401)

**Responsible Department:** Community Services Department – Engineering, Public Works Maintenance, Parks & Open Space

**Target Completion Date:** December 2015

Analysis within 1 year of identifying funds. Construct within 3 years.

**Additional Comments / Status Report:**

The threat to public safety, infrastructure, commerce and residential and commercial properties in terms of dollars, in the event of a failure is expected to significantly exceed the cost of this project.

**Project Description:** Join the NFIP Community Rating System (CRS)

The NFIP/CRS program is a points based program. Fixed numbers of points are assigned for eligible floodplain management and mitigation activities which exceed the minimum standards of NFIP participation (e.g. development of this plan, more restrictive floodplain ordinance, outreach, etc.). A community accumulates points based on activities it undertakes and as the points accumulate, the community’s rating moves down by classes. Each class level the City obtains results in an additional 5% reduction on all flood insurance premiums for policies held by citizens and businesses in Goleta. Goleta will join the CRS program.

- Arrange a meeting with FEMA Region IX and its CRS servicing contractor, ISO Commercial Services to review Goleta’s programs and establish how many points it is eligible for and at what class it could enter the program.
- Make application to FEMA to join.

**Applicable Hazards**

**Significant**

- Flooding (including coastal surge)
- Wildfire
- Agriculture (pests and disease)
- Earthquake

**Moderate**

- Landslide / Coastal Erosion

**Limited**

- Dam Failure
- Tsunami

**Existing and Potential Resources:** Departmental Budgets

**Responsible Department:** Community Services Department – Engineering  
 Planning and Environmental Services Department – Building and Safety

**Target Completion Date:** December 2013

**Additional Comments / Status Report:**

Relatively inexpensive measure that can be expected to result in long term mitigation benefits

**Project Description: San Pedro Creek Culvert Modifications**

This project will construct capacity improvements to San Pedro Creek at Calle Real, Route 101, and at Union Pacific Railroad (UPRR) by replacing the existing culvert with a larger volume bridge structure. The City's portion of the funding is for culvert capacity beneath Calle Real.

The existing culvert has capacity rated for a 10 year storm event. These areas have been flooded several times, and the flood waters also cover HWY 101. Replacing this culvert will increase capacity to a 25 year storm event and reduce flood events north of Calle Real in the City of Goleta.

- Identify funding
- Design and construct project

**Applicable Hazards**

<u>Significant</u>	<u>Moderate</u>	<u>Limited</u>
<input checked="" type="checkbox"/> Flooding (including coastal surge) <input type="checkbox"/> Wildfire <input type="checkbox"/> Agriculture (pests and disease) <input type="checkbox"/> Earthquake	<input type="checkbox"/> Landslide / Coastal Erosion	<input type="checkbox"/> Dam Failure <input type="checkbox"/> Tsunami

**Existing and Potential Resources:** Funding for this project is a combination of Measure A (City share), State Highway Operations and Protection Program (SHOPP) and the Santa Barbara County Flood Control District.

**Responsible Department:** Caltrans is the lead agency working with Santa Barbara County Flood Control and the City of Goleta – Community Services Department.

**Target Completion Date:** Within 4 years, funding dependent

**Project Description:** Develop New Fire Station in Western Goleta

This is a joint City/County project. It has long been documented that fire service in Western Goleta does not meet the National Fire Protection Association (NFPA) guidelines for emergency response time and population to firefighter ratio. Guidelines for response time specify a maximum of 5 minutes and the maximum recommended population to firefighter ratio is 4,000:1. Fire Station 11 which currently serves Western Goleta cannot meet the 5-minut response threshold. In addition, the existing population to firefighter ratio is 7,198:1 which well exceed the recommended maximum ratio.

The project consists of the design and construction of a new fire station, approximately 9,000 square feet in size, with associated landscaping and appurtenant facilities on a City-owned parcel located at 7952 Hollister Avenue. The site is adjacent to the new Cathedral Oaks Interchange. It is anticipated that the new fire station will be a three-bay, single-story building. Site improvements are expected to include an emergency generator and an above-ground fueling facility.

- Initiate and complete design phase
- Identify funding for construction
- Obtain permits

**Applicable Hazards**

**Significant**

- Flooding (including coastal surge)
- Wildfire
- Agriculture (pests and disease)
- Earthquake

**Moderate**

- Landslide / Coastal Erosion

**Limited**

- Dam Failure
- Tsunami

**Existing and Potential Resources:** County Fire Facility DIF funds; City of Goleta Development Agreements with Developers

**Responsible Department:** City of Goleta – RDA, Neighborhood Services and Public Safety Department with assistance from Community Services Department in coordination with the County Fire Protection District

**Target Completion Date:** Within 4 years, funding dependent

**Mitigation Action # 2011 – 6**

New for 2011

**Project Description:** Avenida Gorrion Storm Drain

This is a City flood control project proposed. Insufficient capacity of existing storm drain system causes repeated flooding along Avenida Gorrion between La Patera Lane and Valdez Avenue putting homes on the street at risk. Installation of a new storm drain line will reduce or eliminate flooding during storm events.

- Identify funding
- Design and construct project

**Applicable Hazards**

**Significant**

- Flooding (including coastal surge)
- Wildfire
- Agriculture (pests and disease)
- Earthquake

**Moderate**

- Landslide / Coastal Erosion

**Limited**

- Dam Failure
- Tsunami

**Existing and Potential Resources:** FEMA grants; City CIP funding;

**Responsible Department:** The City of Goleta Community Services Department will be the responsible for this project.

**Target Completion Date:** Within 5 years, funding dependent

## **11.7 PLAN MAINTENANCE**

Since the last Hazard Mitigation Plan written in 2004, there has not been an official monitoring or maintenance program set in place. Even so, the City of Goleta was very successful in implementing many mitigation actions. Numerous mitigation actions set forth in the 2004 plan were in progress or completed by the time of this Update.

The City of Goleta Department of Redevelopment, Neighborhood Services and Public Safety will be responsible for ensuring that this annex is monitored on an on-going basis. The City will continue to participate in the countywide Mitigation Advisory Committee and attend the annual meeting organized by the County Office of Emergency Management to discuss items to be updated/added in future revisions of this plan.

Major disasters affecting the City of Goleta's community, legal changes, notices from Santa Barbara County (lead agency for the County-wide Plan), and other significant events may trigger revisions to this plan or a convening of the Local Planning Team. The City of Goleta's local planning team, in collaboration with Santa Barbara County, will determine how often and when the plan should be updated. In order to remain eligible for mitigation grant funding from FEMA, the City is committed to revising the plan in conjunction with the County's update at a minimum of every five years.

The City's Emergency Services Manager will contact the County four years after this plan is approved to ensure that the county plans to undertake the plan update process. The jurisdictions within Santa Barbara County should continue to work together on updating this multi-jurisdictional plan.

The public will continue to be involved whenever the plan is updated and as appropriate during the monitoring and evaluation process. Prior to adoption of updates, the City will provide the opportunity for the public to comment on the updates. A public notice will be published prior to the meeting to announce the comment period and meeting logistics. Moreover, the City will engage stakeholders in community emergency planning.

### **11.7.1 Point of Contact**

Comments or suggestions regarding this plan may be submitted at any time to the City of Goleta, Attn: Claudia Dato, RDA, Neighborhood Services & Public Safety Department, 130 Cremona Drive, Ste. B, Goleta, CA 93117.

Contact information: [cdato@cityofgoleta.org](mailto:cdato@cityofgoleta.org), 805.961.7554

## **11.8 CITY OF GOLETA APPENDIX**

### **11.8.1 Goleta Attachment 1: Meeting Documentation**

This attachment includes documentation of the meetings conducted within Goleta's Local Planning Team separately from the County Mitigation Advisory Committee.

**Santa Barbara County Operational Area  
2011 Hazard Mitigation Plan Update  
Meeting Log**

**Agenda & Notes**

**City of Goleta**

**Date: 11/30/10**

**Time: 2:30 – 3:30 pm**

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**Attendees: Claudia Dato, Anne Wells, Patty Miller, Greg Nordyke, Vyto Adomaitis and Cindy Moore**

**Discussion Topics:**

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This meeting included Planning and Environmental Services staff as well as RDA/Public Safety staff. The 5-year update to County Hazard Mitigation Plan of which Goleta is a part was discussed, including what input, data, maps and other documents needed to be provided. Reviewed Data Collection Checklist provided by consultant and assigned items as applicable.

**Meeting Outcomes:**

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**Santa Barbara County Operational Area  
2011 Hazard Mitigation Plan Update  
Meeting Log**

**Agenda & Notes**

City of Goleta

Date: 11/30/10

Time: 3:30 – 4:30 pm

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**Attendees:** Claudia Dato, Steve Wagner, Rosemarie Gaglione, Greg Nordyke,  
Vyto Adomaitis

**Discussion Topics:**

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This meeting included the Community Services Department Director (City Engineer) and Capital Improvement Program Manager as well as RDA/Public Safety staff. The 5-year update to County Hazard Mitigation Plan of which Goleta is a part was discussed, including what input, data, maps and other documents needed to be provided. Reviewed Data Collection Checklist provided by consultant and assigned items as applicable.

**Meeting Outcomes:**

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**Santa Barbara County Operational Area  
2011 Hazard Mitigation Plan Update  
Meeting Log**

**Agenda & Notes**

**City of Goleta**

**Date: 12/1/10**

**Time: 3:00 – 4:00 pm**

---

**Attendees: Claudia Dato, Steve Wagner, Rosemarie Gaglione, Greg Nordyke, Vyto Adomaitis, Anne Wells and Cindy Moore (Goleta Planning Team)**

**Discussion Topics:**

---

As a follow-up to our meetings the previous day, on the Multi-Jurisdictional Hazard Mitigation Plan Update, we are meeting with Richard Abrams from County OES who is leading the effort. He will answer any questions we have and provide clarifications regarding the information that we have been asked to provide.

**Meeting Outcomes:**

---

**Santa Barbara County Operational Area  
2011 Hazard Mitigation Plan Update  
Meeting Log**

**Agenda & Notes**

**City of Goleta Mitigation Planning Committee**

**Date: December 1, 2010**

**Time: 3:00 pm**

---

**Attendees:** Richard Abrams, SB Co OES

City of Goleta Mitigation Planning Committee Members:  
Claudia Dato, RDA, Neighborhood Services & Public Safety  
Greg Nordyke, Code Enforcement/Emergency Services  
Steve Wagner, Community Services Director  
Rosemarie Gaglione, Capital Improvement Program Manager  
Anne Wells, Advance Planning Manager  
Cindy Moore, Senior Planner, Current Planning Division  
Dennis Loyst, JDL Mapping, City's GIS Consultant

**Discussion Topics:**

---

Critical Facilities  
Data submittals  
Mitigation project identification and previous mitigation project evaluation

**Meeting Outcomes:**

---

Discussed critical facilities and the selection of assets for the HMP

Discussion of the previous mitigation projects (which were identified primarily by County Public Works) and evaluation and selection of future projects.

Goleta will review and evaluate the previous projects. Specific questions regarding Flood Control projects should be directed to Jon Frye, SB Co Flood Control.

Goleta will provide Dewberry updated GIS information.

Goleta will review and develop a critical facilities list/map.

**Santa Barbara County Operational Area  
2011 Hazard Mitigation Plan Update  
Meeting Log**

**Agenda & Notes**

**City of Goleta**

**Date: 3/7/11**

**Time: 3:30-4:30 pm**

---

**Attendees: Greg Nordyke  
Claudia Dato**

**Discussion Topics:**

---

**Revisions to the Hazard Ranking Worksheet to make them specific to Goleta.  
Review of Goals and Objectives to make them specific to Goleta.  
Discussion of additions to Critical Facilities List.  
Discussion of additions the Mitigation Action List.  
Review of the County Hazard Mitigation Plan Survey.**

**Meeting Outcomes:**

---

**Revisions were made to these documents in preparation of a 3/8/11 meeting with the entire City Planning Team. The entire Team will review changes proposed by Greg and Claudia.**

**Santa Barbara County Operational Area  
2011 Hazard Mitigation Plan Update  
Meeting Log**

**Agenda & Notes**

**City of Goleta**

**Date: 3/8/11** \_\_\_\_\_

**Time: 4:00-5:00 pm** \_\_\_\_\_

---

**Attendees:** Greg Nordyke      Vyto Adomaitis      Steve Wagner  
                 Claudia Dato      Anne Wells      Rosemarie Gaglione

**Discussion Topics:**

---

**Final revisions to the Hazard Ranking Worksheet to make them specific to Goleta.**  
**Final review of Goals and Objectives to make them specific to Goleta.**  
**Final discussion of additions to Critical Facilities List.**  
**Final discussion of additions and changes to the Mitigation Action List.**

**Meeting Outcomes:**

---

**Revisions were made to these documents for transmission to Dewberry and the County.**

**Santa Barbara County Operational Area  
2011 Hazard Mitigation Plan Update  
Meeting Log**

**Agenda & Notes**

**City of Goleta**

**Date: 4/26/11**

**Time: 2:30 – 1:00 pm**

---

**Attendees: Claudia Dato and Greg Nordyke**

**Discussion Topics:**

---

Review revised mitigation goals, objectives and mitigation actions/projects.

**Meeting Outcomes:**

---

Organized comments to be sent to Dewberry.

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**Santa Barbara County Operational Area  
2011 Hazard Mitigation Plan Update  
Meeting Log**

**Agenda & Notes**

**City of Goleta**

**Date: 5/26/11**

**Time: 3:00-4:00 pm**

---

**Attendees:** Greg Nordyke  
Claudia Dato  
Vyto Adomaitis

**Discussion Topics:**

Go through the list of action mitigation measures and determine the rankings for each per the STAPLE criteria (i.e. Social, Technical, Administrative, Political, Legal, Economic and Environmental).

**Meeting Outcomes:**

The team ranked each action on a scale of 0-3 with 0 being poor (negative impacts) and 3 being excellent (very favorable impacts).

## 11.8.2 Goleta Attachment 2: Outreach Materials

This attachment includes documentation demonstrating the City's efforts to engage public and interested stakeholders in the mitigation planning process.

## Bartshire, Corinne

---

**From:** Claudia Dato [cdato@cityofgoleta.org]  
**Sent:** Monday, April 04, 2011 9:26 AM  
**To:** Bartshire, Corinne; Abrams, Richard  
**Cc:** Greg Nordyke; Vyto Adomaitis  
**Subject:** FW: Multi-Jurisdictional Hazard Mitigation Plan Survey/Plan de Mitigación de Riesgo del Condado de Santa Bárbara  
**Attachments:** Spanish\_LHMPSurvey.pdf; English\_LHMPSurvey.pdf

Hi Corinne and Richard – please see the below email that went out to all the past graduates of the Goleta CERT program as well as to new enrollees.

### Claudia Dato

*Management Analyst*

#### City of Goleta

RDA, Neighborhood Services & Public Safety

130 Cremona Drive, Suite B

Goleta, CA 93117

(805) 961-7554 Fax (805) 961-8084

Email: [cdato@cityofgoleta.org](mailto:cdato@cityofgoleta.org)



Please consider the environment before printing this e-mail.

---

**From:** Rubayi Srivastava [mailto:rubayi.srivastava@gmail.com]  
**Sent:** Friday, March 25, 2011 4:18 PM  
**To:** 'Rubayi Srivastava'  
**Cc:** Claudia Dato; Michelle Greene  
**Subject:** Multi-Jurisdictional Hazard Mitigation Plan Survey/Plan de Mitigación de Riesgo del Condado de Santa Bárbara

Dear Goleta CERTs and New Students:

The Santa Barbara County Office of Emergency Services (OES) is gathering emergency preparedness data, and has asked the City of Goleta to participate in the survey. Your responses will greatly help OES develop a more accurate picture of the community's current level of preparedness, and enable them to focus their efforts on enhancing the overall preparedness of the County.

### What is the Hazard Mitigation Plan?

With a grant from the Federal Emergency Management Agency (FEMA), the Santa Barbara County Office of Emergency Services is leading a local effort to update the county's Hazard Mitigation Plan. This plan identifies natural hazards throughout Santa Barbara County. The plan includes all eight cities and presents an assessment of critical facilities vulnerable to these hazards. The plan lists potential actions needed to reduce risk and future damage.

### Where can I find the plan?

Although the plan enables the County and cities to be eligible for various assistance grants, the plan's value really lies in the identification of hazards and helps emergency managers and residents better prepare for disasters. The current hazard mitigation plan is available online at OES' web site: <http://countyofsb.org/ceo/oes>

### How do I give input?

- The preferred method is an online survey. Your responses to this survey will inform the plan update. This survey is available online in both English and Spanish at <http://countyofsb.org/ceo/oes>

- The City of Goleta also has also made it available on their site:  
<http://www.cityofgoleta.org/index.aspx?page=23&recordid=618&returnURL=%2findex.aspx>
  - Hard copies of the Survey are available at and may be turned in at: City of Goleta City Hall, 130 Cremona Drive, Suite B, Goleta, CA 93117

Thank you for your time and I really appreciate your participation,  
Rubayi

---

**Rubayi Srivastava**

*PangeaRéseau PPP Project Management*

Email. [rubayi.srivastava@gmail.com](mailto:rubayi.srivastava@gmail.com)

Mobile. +1 408 4101109



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City of Goleta : Home - Windows Internet Explorer

http://www.cityofgoleta.org/

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Photos Courtesy Goleta Valley Historical Society



**IN FOCUS**

COMING SOON  
Community Videos

Government Meetings

Goleta City Alert

City Assist

Go Green Goleta

Emergency Preparedness

**In the News**

- Multi-Jurisdictional Hazard Mitigation Plan Survey
- Register Now for Community Emergency Response Team Training
- 2011 Old Town Bulletin - First Publication

**Upcoming Events**

- City Council Strategic Plan Workshop  
March 28, 2011 1:30 PM - 5:00 PM
- Planning Commission Meeting  
March 28, 2011 6:00 PM
- CalRecycle Green Roads Workshop  
April 5, 2011 8:30 AM - 12:30 PM

Internet 125%

City of Goleta : View News & Announcements : Multi-Jurisdictional Hazard Mitigation Plan Survey - Windows Internet Explorer

http://www.cityofgoleta.org/index.aspx?page=238&recordid=618&returnURL=%2findex.aspx

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Newsroom

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**Multi-Jurisdictional Hazard Mitigation Plan Survey**  
Plan de Mitigación de Riesgo del Condado de Santa Bárbara  
Posted Date: 3/24/2011

**The City of Goleta Want Your Input!**

Participate in the Santa Barbara County Multi-Jurisdictional Hazard Mitigation Plan Update by completing the survey below to give your feedback on the identification of hazards in our area and your opinions regarding emergency preparation and priorities.

[Santa Barbara County Multi-Jurisdictional Hazard Mitigation Plan Survey 3.21.11](#)

[Plan de Mitigación de Riesgo del Condado de Santa Bárbara Encuesta Pública 3.21.11](#)

Done Internet 125%

## Bartshire, Corinne

---

**To:** Claudia Dato  
**Subject:** RE: Santa Barbara County LHMP Public Survey: Ready for Dissemination

---

**From:** Claudia Dato [mailto:cdato@cityofgoleta.org]

**Sent:** Friday, March 25, 2011 10:51 AM

**To:** Bartshire, Corinne; rabrams@countyofsb.org; Drickar@co.santa-barbara.ca.us; mharris@countyofsb.org; marc@cityofbuellton.com; Lindar@cityofbuellton.com; kristinm@ci.carpinteria.ca.us; daved@ci.carpinteria.ca.us; Vyto Adomaitis; Greg Nordyke; jackowen@ci.guadalupe.ca.us; rc@ci.guadalupe.ca.us; r\_kovach@ci.lompoc.ca.us; l\_white@ci.lompoc.ca.us; A\_ubaldo@ci.lompoc.ca.us; ymcglinchey@santabarbaraca.gov; jjones@ci.santa-maria.ca.us; mvandekamp@ci.santa-maria.ca.us; rdugger@ci.santa-maria.ca.us; maryellenr@cityofsolvang.com; rick.joyner@sbcfire.com; robert.tanner@sbcfire.com; tracy@cosbpw.net; mparker@cosbpw.net; jbeltranena@sbparks.org; tfayram@cosbpw.net; neady@countyofsb.org; pclementi@countyofsb.org; gtingos@co.santa-barbara.ca.us; James.Caesar@ehs.ucsb.edu; Jeri.siegel@calema.ca.gov

**Cc:** Newman, Janna; Melton, Ginni

**Subject:** RE: Santa Barbara County LHMP Public Survey: Ready for Dissemination

The City of Goleta also has an announcement about the survey on our main page at <http://www.cityofgoleta.org/> with a link under the heading "In the News" which leads to <http://www.cityofgoleta.org/index.aspx?page=23&recordid=618&returnURL=%2findex.aspx>

Both the English and Spanish versions of the survey can be accessed from the above website/page.

### **Claudia Dato**

*Management Analyst*

#### **City of Goleta**

RDA, Neighborhood Services & Public Safety

130 Cremona Drive, Suite B

Goleta, CA 93117

(805) 961-7554 Fax (805) 961-8084

Email: [cdato@cityofgoleta.org](mailto:cdato@cityofgoleta.org)



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**Santa Barbara County**  
**County Executive Office/Office of Emergency Services**  
105 East Anapamu Street, Suite 3 • Santa Barbara, CA 93101  
(805) 560-1081 • FAX (805) 560-1032  
[www.countyofsb.org/ceo/oes](http://www.countyofsb.org/ceo/oes)

21 March 2011

## **Santa Barbara County Hazard Mitigation Plan** **Public Survey**

**County OES Contact:**

Richard Abrams, Emergency Manager  
(805) 560-1081, or [rabrams@countyofsb.org](mailto:rabrams@countyofsb.org)

**Dewberry Contact:**

Corinne Bartshire, Planning Consultant  
(415) 295-7116, or [cbartshire@dewberry.com](mailto:cbartshire@dewberry.com)

**City of Goleta Contact:**

**Department of Redevelopment, Neighborhood Services and Public Safety**

Greg Nordyke (805) 961-7566 or email: [gnordyke@cityofgoleta.org](mailto:gnordyke@cityofgoleta.org)

Claudia Dato (805) 961-7554 or email: [cdato@cityofgoleta.org](mailto:cdato@cityofgoleta.org)

**Hard copies of the Survey are available at and may be turned in at:  
City of Goleta City Hall, 130 Cremona Drive, Suite B, Goleta, CA 93117**

Dear Community Member,

Is your home or office building susceptible to damage from earthquakes, wildfires, or floods? Do you want to recover more quickly from disasters and prevent future damage from these and other natural hazards? Your participation can make our communities more resilient. We know you are busy and respectfully request a few moments of your time to respond to the brief survey below.

With a grant from the Federal Emergency Management Agency (FEMA), the Santa Barbara County Office of Emergency Services is leading a local effort to update the county's Hazard Mitigation Plan. This plan identifies natural hazards throughout Santa Barbara County. The plan includes all eight cities and presents an assessment of critical facilities vulnerable to these hazards. The plan lists potential actions needed to reduce risk and future damage.

Although the plan enables the County and cities to be eligible for various assistance grants, the plan's value really lies in the identification of hazards and helps emergency managers and residents better prepare for disasters. The current hazard mitigation plan is available online at OES' web site: <http://countyofsb.org/ceo/oes>.

Your responses to this survey will inform the plan update. This survey is also available online in both English and Spanish at <http://countyofsb.org/ceo/oes>. Thank you for your time and cooperation.

1.	Please mark the jurisdiction in which you live.																				
	<p>Santa Barbara County Jurisdictions:</p> <table border="0"> <tr> <td><input type="checkbox"/> Buellton</td> <td><input type="checkbox"/> Santa Barbara City</td> </tr> <tr> <td><input type="checkbox"/> Carpinteria</td> <td><input type="checkbox"/> Santa Maria</td> </tr> <tr> <td><input type="checkbox"/> Goleta</td> <td><input type="checkbox"/> Solvang</td> </tr> <tr> <td><input type="checkbox"/> Guadalupe</td> <td><input type="checkbox"/> Unincorporated Santa Barbara County</td> </tr> <tr> <td><input type="checkbox"/> Lompoc</td> <td></td> </tr> </table>	<input type="checkbox"/> Buellton	<input type="checkbox"/> Santa Barbara City	<input type="checkbox"/> Carpinteria	<input type="checkbox"/> Santa Maria	<input type="checkbox"/> Goleta	<input type="checkbox"/> Solvang	<input type="checkbox"/> Guadalupe	<input type="checkbox"/> Unincorporated Santa Barbara County	<input type="checkbox"/> Lompoc											
<input type="checkbox"/> Buellton	<input type="checkbox"/> Santa Barbara City																				
<input type="checkbox"/> Carpinteria	<input type="checkbox"/> Santa Maria																				
<input type="checkbox"/> Goleta	<input type="checkbox"/> Solvang																				
<input type="checkbox"/> Guadalupe	<input type="checkbox"/> Unincorporated Santa Barbara County																				
<input type="checkbox"/> Lompoc																					
2.	What is the ZIP code of your home?																				
	_____																				
3.	The Mitigation Advisory Committee identified the following hazards as having a potential to impact Santa Barbara County. Please mark the THREE (3) hazards that are of most concern to your neighborhood or home.																				
	<table border="0"> <tr> <td><input type="checkbox"/> Agriculture (pests and disease)</td> <td><input type="checkbox"/> Landslide/Coastal Erosion</td> </tr> <tr> <td><input type="checkbox"/> Dam Failure</td> <td><input type="checkbox"/> Tsunami</td> </tr> <tr> <td><input type="checkbox"/> Earthquake</td> <td><input type="checkbox"/> Wildfire</td> </tr> <tr> <td><input type="checkbox"/> Flooding (including coastal surge)</td> <td></td> </tr> </table> <p>Please list any additional hazards that present a threat to your neighborhood or home.</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> Agriculture (pests and disease)	<input type="checkbox"/> Landslide/Coastal Erosion	<input type="checkbox"/> Dam Failure	<input type="checkbox"/> Tsunami	<input type="checkbox"/> Earthquake	<input type="checkbox"/> Wildfire	<input type="checkbox"/> Flooding (including coastal surge)													
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<input type="checkbox"/> Earthquake	<input type="checkbox"/> Wildfire																				
<input type="checkbox"/> Flooding (including coastal surge)																					
4.	What are you doing on your property or within your home to reduce future damage from the identified hazards in Question #3? (choose all that apply)																				
	<ul style="list-style-type: none"> <li><input type="checkbox"/> Seismic retrofit of the structure and / or foundation</li> <li><input type="checkbox"/> House elevation or first floor modification to prevent flood damage</li> <li><input type="checkbox"/> Installed backflow prevention device(s)</li> <li><input type="checkbox"/> Defensible space landscaping (clear vegetation around house to reduce wildfire risk)</li> <li><input type="checkbox"/> Roof retrofit using fire resistant material</li> <li><input type="checkbox"/> Installation of fire sprinklers</li> <li><input type="checkbox"/> Installation of fire hydrant or above ground water storage tank</li> <li><input type="checkbox"/> Strengthened openings (Doors, windows, and/or garage door to reduce high-hazard wind risk)</li> </ul> <p>Other (please specify):</p> <p>_____</p> <p>_____</p>																				
5.	If a severe hazard event occurred today (large earthquake or dam failure) such that all services were cut off from your home (power, gas, water, sewer) and you were unable to leave or access a store for 72 hours, which of these items do you have readily available?																				
	<table border="0"> <tr> <td><input type="checkbox"/> Potable Water (3 gallons per person)</td> <td><input type="checkbox"/> Extra Clothes and Shoes</td> </tr> <tr> <td><input type="checkbox"/> Cooking and eating utensils</td> <td><input type="checkbox"/> Blanket(s)/ Sleeping Bag(s)</td> </tr> <tr> <td><input type="checkbox"/> Can Opener</td> <td><input type="checkbox"/> Cash</td> </tr> <tr> <td><input type="checkbox"/> Canned / Non-perishable Foods (ready to eat)</td> <td><input type="checkbox"/> Flashlight (with batteries)</td> </tr> <tr> <td><input type="checkbox"/> Gas grill / Camping stove</td> <td><input type="checkbox"/> Gasoline</td> </tr> <tr> <td><input type="checkbox"/> Extra Medications</td> <td><input type="checkbox"/> Telephone (with batteries)</td> </tr> <tr> <td><input type="checkbox"/> First Aid Kit/Supplies</td> <td><input type="checkbox"/> Pet Supplies</td> </tr> <tr> <td><input type="checkbox"/> Portable AM/FM Radio (solar powered, hand crank, or batteries)</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Handheld "Walkie-Talkie" Radios (with batteries)</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Important Family Photos/Documentation in a water and fire proof container</td> <td></td> </tr> </table> <p>What else do you have in your emergency kit?</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> Potable Water (3 gallons per person)	<input type="checkbox"/> Extra Clothes and Shoes	<input type="checkbox"/> Cooking and eating utensils	<input type="checkbox"/> Blanket(s)/ Sleeping Bag(s)	<input type="checkbox"/> Can Opener	<input type="checkbox"/> Cash	<input type="checkbox"/> Canned / Non-perishable Foods (ready to eat)	<input type="checkbox"/> Flashlight (with batteries)	<input type="checkbox"/> Gas grill / Camping stove	<input type="checkbox"/> Gasoline	<input type="checkbox"/> Extra Medications	<input type="checkbox"/> Telephone (with batteries)	<input type="checkbox"/> First Aid Kit/Supplies	<input type="checkbox"/> Pet Supplies	<input type="checkbox"/> Portable AM/FM Radio (solar powered, hand crank, or batteries)		<input type="checkbox"/> Handheld "Walkie-Talkie" Radios (with batteries)		<input type="checkbox"/> Important Family Photos/Documentation in a water and fire proof container	
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<input type="checkbox"/> Important Family Photos/Documentation in a water and fire proof container																					
<p>For more information on preparing an emergency kit, please visit:  <a href="http://www.ready.gov/america/getakit/index.html">http://www.ready.gov/america/getakit/index.html</a></p>																					

6.	Do you have a plan for evacuating large animals and/or pets? (please select all that apply)
	<input type="checkbox"/> Yes, I have a plan for evacuating my pets (cats, dogs, etc). <input type="checkbox"/> Yes, I have a plan for evacuating my large animals (horses, cows, etc). <input type="checkbox"/> No, I have pets but have not planned for their evacuation. <input type="checkbox"/> No, I have large animals but have not planned for their evacuation. <input type="checkbox"/> Not Applicable, I have no large animals or pets
7.	Are you familiar with the special needs of your neighbors in the event of a disaster situation (special needs may include limited mobility, severe medical conditions, memory impairments, etc)?
	<input type="checkbox"/> Yes <span style="margin-left: 300px;"><input type="checkbox"/> No</span>
8.	Are you a trained member of your Community Emergency Response Team (CERT)? (Note: your community may use a different name than CERT)
	<input type="checkbox"/> Yes <input type="checkbox"/> No, I would like to learn more about CERT. <input type="checkbox"/> No, I am not interested in being a trained CERT member.  <p style="text-align: center;"><i>For more information about CERT, please visit: <a href="http://www.citizencorps.gov/cert">www.citizencorps.gov/cert</a>. Please share with us why you are a trained CERT member or why you are not yet part of CERT.</i></p> <hr/> <hr/>
9.	What are the most important things local government can do to help communities be more prepared for a disaster? (choose all that apply)
	<input type="checkbox"/> Disseminate effective emergency notifications and communication <input type="checkbox"/> Provide training and education to residents and business owners on how they can reduce future damage <input type="checkbox"/> Community outreach regarding emergency preparedness <input type="checkbox"/> Being aware of special needs and vulnerable populations <input type="checkbox"/> Make a plan to use volunteer residents to help in a disaster Other (please specify): <hr/> <hr/>
10.	Do you live in an apartment building or home with living space above a garage or parking area?
	<input type="checkbox"/> Yes <span style="margin-left: 300px;"><input type="checkbox"/> No</span>
11.	If yes, please describe your level of concern for the building to collapse in a large earthquake event.
	<input type="checkbox"/> Extremely Concerned <span style="margin-left: 300px;"><input type="checkbox"/> Little</span> <input type="checkbox"/> High <span style="margin-left: 300px;"><input type="checkbox"/> No Concern, I feel safe in my home.</span> <input type="checkbox"/> Moderate <span style="margin-left: 300px;"><input type="checkbox"/> Not Applicable</span>
12.	If you are a homeowner, do you have adequate basic homeowners insurance to cover the hazards that could impact your home?
	<input type="checkbox"/> Yes, my insurance coverage should be adequate <input type="checkbox"/> No, I don't believe my insurance coverage would be adequate for a major disaster <input type="checkbox"/> Unsure <input type="checkbox"/> I do not have an insurance policy <input type="checkbox"/> Not applicable, I rent my current residence
13.	If you rent your residence, do you have renter's insurance?
	<input type="checkbox"/> Yes <span style="margin-left: 100px;"><input type="checkbox"/> No</span> <span style="margin-left: 150px;"><input type="checkbox"/> Not Applicable, I own my residence</span>



23.	Please recommend any companies or local associations that should be involved in the Santa Barbara County hazard mitigation planning process.
	<p><b>#1 Company/Association Name:</b> _____  <b>Contact Name:</b> _____  <b>Contact Email:</b> _____  <b>Contact Phone Number:</b> _____</p> <p><b>#2 Company/Association Name:</b> _____  <b>Contact Name:</b> _____  <b>Contact Email:</b> _____  <b>Contact Phone Number:</b> _____</p>
24.	<p>Would you like to review and comment on a draft of your jurisdiction's annex to the Multi-Jurisdictional Multi-Hazard Mitigation Plan?</p> <p><input type="checkbox"/> Yes, please notify me using my contact information in the next question.  <input type="checkbox"/> No</p>
25.	<p>Please provide your name and email address in order to be notified of future opportunities to participate in hazard mitigation and resiliency planning. If you do not have an email address, please provide your mailing address.</p> <p><b>Full Name:</b> _____  <b>E-Mail Address:</b> _____  <b>Street Address:</b> _____  <b>City, State and Zip:</b> _____  <b>Jurisdictions of Interest:</b> _____</p>
26.	<p>Please provide us with any additional comments/suggestions/questions that you have regarding your risk to future hazard events.</p> <p>_____  _____  _____</p>

*Thank you for taking the time to complete this survey. If you have any questions regarding this survey you may contact Corinne Bartshire at [cbartshire@dewberry.com](mailto:cbartshire@dewberry.com) or 415.295.7116.*



Santa Barbara County  
County Executive Office/Office of Emergency Services  
105 East Anapamu Street, Suite 3 • Santa Barbara, CA 93101  
(805) 560-1081 • FAX (805) 560-1032  
[www.countyofsb.org/ceo/oes](http://www.countyofsb.org/ceo/oes)

9 de Marzo de 2011

## Plan de Mitigación de Riesgo del Condado de Santa Bárbara

### Encuesta Pública

#### Contacto en la oficina de OES

Richard Abrams, Emergency Manager  
(805) 560-1081, or [rabrams@countyofsb.org](mailto:rabrams@countyofsb.org)

#### Contacto en Dewberry

Corinne Bartshire, Planning Consultant  
(415) 295-7116, or [cbartshire@dewberry.com](mailto:cbartshire@dewberry.com)

#### Ciudad de Goleta Contacto:

#### Departamento de Redesarrollo, Servicios Vecindarios, y Seguridad Pública

Greg Nordyke (805) 961-7566 or email: [gnordyke@cityofgoleta.org](mailto:gnordyke@cityofgoleta.org)

Claudia Dato (805) 961-7554 or email: [cdato@cityofgoleta.org](mailto:cdato@cityofgoleta.org)

**Las copias imprimidas de la encuesta están disponibles en y se puede enviar a:  
City of Goleta City Hall, 130 Cremona Drive, Suite B, Goleta, CA 93117**

Estimado Miembro de la Comunidad,

Son susceptibles su hogar o edificio de oficinas a daños causados por terremotos, fuegos o inundaciones? Quiere recuperarse mas rápidamente de un desastre y prevenir daños causados por esos y otros riesgos naturales? Su participación puede hacer nuestras comunidades más resistentes a estos riesgos. Sabemos que usted esta ocupado, y por ello, respetuosamente solicitamos unos minutos de su valioso tiempo para llenar esta breve encuesta.

Con una donación de la Agencia Federal de Manejo de Emergencias (FEMA), la Oficina de Servicios de Emergencias del condado esta llevando acabo un actualización del Plan de Mitigación de Riesgos (HMP). Este plan identifica los riesgos naturales en todo el Condado de Santa Bárbara. El plan incluye a las ocho ciudades del condado y presenta una evaluación de las instalaciones críticas vulnerables a estos riesgos. El plan lista las acciones potenciales que son necesarias para reducir el riesgo y los daños futuros.

Aunque el plan permite que Condado y las ciudades a sean elegibles para donaciones de asistencia, el valor del plan radica en la identificación de los riesgos, y ayuda a los residentes y encargados del manejo de las emergencias a prepararse mejor para los desastres naturales. El plan de mitigación actual esta disponible en el Web site de OES: <http://countyofsb.org/ceo/oes>.

Sus respuestas a este cuestionario (encuesta) informaran la actualización del plan. Esta encuesta esta disponible en línea en Ingles y español en <http://countyofsb.org/ceo/oes>. Gracias por su tiempo y su cooperación.

1.	<p>Por favor marque la jurisdicción donde usted vive.</p>																				
	<p>Jurisdicciones en el Condado de Santa Bárbara:</p> <table border="0"> <tr> <td><input type="checkbox"/> Buellton</td> <td><input type="checkbox"/> Ciudad de Santa Bárbara</td> </tr> <tr> <td><input type="checkbox"/> Carpinteria</td> <td><input type="checkbox"/> Santa Maria</td> </tr> <tr> <td><input type="checkbox"/> Goleta</td> <td><input type="checkbox"/> Solvang</td> </tr> <tr> <td><input type="checkbox"/> Guadalupe</td> <td><input type="checkbox"/> Condado de Santa Bárbara no incorporado</td> </tr> <tr> <td><input type="checkbox"/> Lompoc</td> <td></td> </tr> </table>	<input type="checkbox"/> Buellton	<input type="checkbox"/> Ciudad de Santa Bárbara	<input type="checkbox"/> Carpinteria	<input type="checkbox"/> Santa Maria	<input type="checkbox"/> Goleta	<input type="checkbox"/> Solvang	<input type="checkbox"/> Guadalupe	<input type="checkbox"/> Condado de Santa Bárbara no incorporado	<input type="checkbox"/> Lompoc											
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2.	<p>Cual es el código postal de su domicilio?</p> <p>_____</p>																				
3.	<p>El comité de mitigación de riesgo identificó los siguientes riesgos como teniendo el potencial de tener impactos en el Condado de Santa Bárbara. Favor marcar los tres (3) que sean de mayor preocupación en su vecindario o domicilio.</p>																				
	<table border="0"> <tr> <td><input type="checkbox"/> Agricultura (pestes y enfermedad)</td> <td><input type="checkbox"/> Derrumbes/Erosión Costera</td> </tr> <tr> <td><input type="checkbox"/> Falla de la Represa o embalse</td> <td><input type="checkbox"/> Maremoto</td> </tr> <tr> <td><input type="checkbox"/> Terremoto</td> <td><input type="checkbox"/> Incendios Forestales</td> </tr> <tr> <td><input type="checkbox"/> Inundación (incluyendo áreas costeras)</td> <td></td> </tr> </table> <p>Por favor liste cualquier otro riesgo adicional que amenace su vecindario u hogar.</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> Agricultura (pestes y enfermedad)	<input type="checkbox"/> Derrumbes/Erosión Costera	<input type="checkbox"/> Falla de la Represa o embalse	<input type="checkbox"/> Maremoto	<input type="checkbox"/> Terremoto	<input type="checkbox"/> Incendios Forestales	<input type="checkbox"/> Inundación (incluyendo áreas costeras)													
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4.	<p>Que medidas ha tomado usted para proteger su residencia contra los riesgos identificados en la pregunta #3? (escoja todas la que apliquen)</p>																				
	<table border="0"> <tr> <td><input type="checkbox"/> Refuerzo estructural sísmico y/o de los cimientos</td> </tr> <tr> <td><input type="checkbox"/> Modificaciones al primer piso para proteger contra inundación</td> </tr> <tr> <td><input type="checkbox"/> Instalación de válvulas de cheque</td> </tr> <tr> <td><input type="checkbox"/> Area defendible alrededor de su residencia (quitar la vegetación alrededor de la casa para reducir el riesgo de incendio)</td> </tr> <tr> <td><input type="checkbox"/> Reconversión usando materiales resistentes al fuego</td> </tr> <tr> <td><input type="checkbox"/> Instalación de rociadores contra incendios</td> </tr> <tr> <td><input type="checkbox"/> Instalación de una boca de incendio o un tanque de agua a flor de tierra</td> </tr> <tr> <td><input type="checkbox"/> Aperturas reforzadas (Puertas, ventanas y/o puerta del garaje para reducir riesgos altos de viento)</td> </tr> </table> <p>Otros (por favor especifique)</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> Refuerzo estructural sísmico y/o de los cimientos	<input type="checkbox"/> Modificaciones al primer piso para proteger contra inundación	<input type="checkbox"/> Instalación de válvulas de cheque	<input type="checkbox"/> Area defendible alrededor de su residencia (quitar la vegetación alrededor de la casa para reducir el riesgo de incendio)	<input type="checkbox"/> Reconversión usando materiales resistentes al fuego	<input type="checkbox"/> Instalación de rociadores contra incendios	<input type="checkbox"/> Instalación de una boca de incendio o un tanque de agua a flor de tierra	<input type="checkbox"/> Aperturas reforzadas (Puertas, ventanas y/o puerta del garaje para reducir riesgos altos de viento)												
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5.	<p>Si un evento severo ocurriera hoy (terremoto, o falla de la represa) tal que todos los servicios fuesen interrumpidos en su casa (electricidad, gas, agua, drenajes) y usted no pudiera alejarse o tener acceso a una tienda por 72 horas, cuales de estas cosas tiene usted disponibles?</p>																				
	<table border="0"> <tr> <td><input type="checkbox"/> Agua Potable (3 galones por persona)</td> <td><input type="checkbox"/> Ropa Extra y Zapatos</td> </tr> <tr> <td><input type="checkbox"/> Utensilios para cocinar y comer</td> <td><input type="checkbox"/> Cobijas / Bolsas de Dormir</td> </tr> <tr> <td><input type="checkbox"/> Abrelatas</td> <td><input type="checkbox"/> Efectivo</td> </tr> <tr> <td><input type="checkbox"/> Comida enlatada / Alimentos no perecederos</td> <td><input type="checkbox"/> Linterna (con baterías)</td> </tr> <tr> <td><input type="checkbox"/> Hornilla de Gas o Estufa de acampar</td> <td><input type="checkbox"/> Gasolina</td> </tr> <tr> <td><input type="checkbox"/> Medicamentos Extras</td> <td><input type="checkbox"/> Teléfono (con baterías)</td> </tr> <tr> <td><input type="checkbox"/> Kit de Primeros Auxilios</td> <td><input type="checkbox"/> Alimento para mascotas</td> </tr> <tr> <td><input type="checkbox"/> Radio AM FM portátil con baterías/ energía solar/ o de manivela)</td> <td></td> </tr> <tr> <td><input type="checkbox"/> "Walkie-Talkie" Radios de mano (con baterías)</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Documentos importantes en un contenedor a prueba de agua y fuego</td> <td></td> </tr> </table> <p>Que otras cosas tiene Ud. en su Kit de Emergencia?</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> Agua Potable (3 galones por persona)	<input type="checkbox"/> Ropa Extra y Zapatos	<input type="checkbox"/> Utensilios para cocinar y comer	<input type="checkbox"/> Cobijas / Bolsas de Dormir	<input type="checkbox"/> Abrelatas	<input type="checkbox"/> Efectivo	<input type="checkbox"/> Comida enlatada / Alimentos no perecederos	<input type="checkbox"/> Linterna (con baterías)	<input type="checkbox"/> Hornilla de Gas o Estufa de acampar	<input type="checkbox"/> Gasolina	<input type="checkbox"/> Medicamentos Extras	<input type="checkbox"/> Teléfono (con baterías)	<input type="checkbox"/> Kit de Primeros Auxilios	<input type="checkbox"/> Alimento para mascotas	<input type="checkbox"/> Radio AM FM portátil con baterías/ energía solar/ o de manivela)		<input type="checkbox"/> "Walkie-Talkie" Radios de mano (con baterías)		<input type="checkbox"/> Documentos importantes en un contenedor a prueba de agua y fuego	
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<p style="text-align: right;"><i>Para más información acerca de la preparación de un Kit de Emergencia, por favor visite:</i>  <a href="http://www.ready.gov/america/getakit/index.html">http://www.ready.gov/america/getakit/index.html</a></p>																					

6.	<b>Tiene usted un plan para evacuar a sus animales mayores y/o sus mascotas? (marque todas las que apliquen)</b>
	<input type="checkbox"/> Si, tengo un plan para evacuar mis mascotas (perros, gatos, etc.). <input type="checkbox"/> Si, tengo un plan para evacuar animales mayores (caballos, vacas, etc.). <input type="checkbox"/> No, aunque tengo mascotas, no he planeado para su evacuación. <input type="checkbox"/> No, tengo animales mayores, pero no he planeado para su evacuación. <input type="checkbox"/> No aplica, no tengo animales mayores ni mascotas.
7.	<b>Esta Usted familiarizado con las necesidades especiales de sus vecinos en la eventualidad de una situación de desastre (necesidades especiales pueden incluir movilidad limitada, condiciones medicas severas, problemas de memoria, etc.)?</b>
	<input type="checkbox"/> Si <span style="margin-left: 300px;"><input type="checkbox"/> No</span>
8.	<b>Es usted un miembro entrenado de su Equipo de Respuesta a Emergencias de su Comunidad (CERT)? (Nota: Pueda ser que su comunidad utilice un nombre diferente de CERT.)</b>
	<input type="checkbox"/> Si <input type="checkbox"/> No, quisiera saber más acerca de CERT. <input type="checkbox"/> No, no estoy interesado en entrenamiento como miembro de CERT.  <p style="text-align: center;"><i>Para mayor información acerca de CERT, por favor visite: <a href="http://www.citizencorps.gov/cert">www.citizencorps.gov/cert</a>. Por favor comparta con nosotros por que aun no es usted miembro de CERT</i></p> <hr/> <hr/>
9.	<b>Cuales son las cosas mas importantes que su gobierno local puede hacer para ayudar a las comunidades estar mejor preparadas para enfrentar un desastre? (Escoja las que apliquen)</b>
	<input type="checkbox"/> Diseminar notificaciones de emergencias y comunicaciones en forma efectiva <input type="checkbox"/> Proveer de entrenamiento y educación a los residentes y a los propietarios de negocios acerca de como pueden reducir los daños futuros <input type="checkbox"/> Proyección a la comunidad acerca de preparativos para una emergencia. <input type="checkbox"/> Conciencia de las necesidades especiales de la población vulnerable <input type="checkbox"/> Elaboración de planes para usar voluntarios para ayudar en un desastre  Otros (por favor sea específico): <hr/> <hr/>
10.	<b>Vive usted en un edificio de apartamentos o vivienda con habitaciones sobre el garaje o área de parqueo?</b>
	<input type="checkbox"/> Si <span style="margin-left: 300px;"><input type="checkbox"/> No</span>
11.	<b>Si es así, describa su nivel de preocupación acerca de que el edificio colapse en un terremoto grande.</b>
	<input type="checkbox"/> Extremadamente preocupado <span style="margin-left: 150px;"><input type="checkbox"/> Poco</span> <input type="checkbox"/> Alto <span style="margin-left: 150px;"><input type="checkbox"/> No tengo preocupación, me siento seguro en mi casa.</span> <input type="checkbox"/> Moderado <span style="margin-left: 150px;"><input type="checkbox"/> No aplica</span>
12.	<b>Si es usted propietario, tiene usted aseguranza contra terremotos adecuada para cubrir los riesgos que pudieran impactar su vivienda?</b>
	<input type="checkbox"/> Si, mi aseguranza es adecuada <input type="checkbox"/> No, no creo que la cobertura de mi aseguranza sea adecuada para cubrir un desastre mayor <input type="checkbox"/> No estoy seguro <input type="checkbox"/> No tengo aseguranza <input type="checkbox"/> No se aplica, soy inquilino

13.	Si es usted un inquilino, tiene seguridad para inquilinos?
	<input type="checkbox"/> Si <input type="checkbox"/> No <input type="checkbox"/> No aplica, soy dueño de mi residencia.
14.	Tiene seguridad contra terremotos para su residencia?
	<input type="checkbox"/> Si, soy dueño de mi residencia y tengo saeguranza contra terremotos. Si, Alquilo mi residencia y tengo aseguranza contra terremotos. <input type="checkbox"/> No, pero estoy interesado en revisar las opciones para aseguranza contra terremotos ( <a href="http://www.earthquakeauthority.com/">http://www.earthquakeauthority.com/</a> ). <input type="checkbox"/> No, la aseguranza contra terremotos es muy cara. <input type="checkbox"/> No, no necesito aseguranza contra terremotos.
15.	Tiene aseguranza contra inundación para su residencia?
	<input type="checkbox"/> Si, soy propietario de mi residencia y tengo saeguranza contra inundación. <input type="checkbox"/> Alquilo mi casa y tengo aseguranza contra inundación. <input type="checkbox"/> No, pero estoy interesado en revisar opciones para aseguranza contra inundación. ( <a href="http://www.floodsmart.gov/floodsmart/">http://www.floodsmart.gov/floodsmart/</a> ). <input type="checkbox"/> No, no necesito seguridad contra inundación.
16.	Por favor note cualquier otra aseguranza que tenga para su residencia o propiedad.
	<hr/> <hr/>
17.	Trabaja usted en el Condado de Santa Bárbara?
	<input type="checkbox"/> Si <input type="checkbox"/> No <input type="checkbox"/> Si es así, por favor indique su código postal (zip code): _____
18.	Su lugar de trabajo, se encuentra en un área susceptible a riesgos naturales? (escoja todos los que apliquen)
	<input type="checkbox"/> Área de inundación de alto riesgo <input type="checkbox"/> Área de peligro de derrumbes <input type="checkbox"/> Zona de fallas de terremotos <input type="checkbox"/> Áreas forestales en la interfase urbana (peligro de incendios forestales) <input type="checkbox"/> Zona de licuefacción <input type="checkbox"/> No se  Otros (por favor especifique): <hr/> <hr/>
19.	Tiene su patrono o empresa un plan para recuperación de desastres?
	<input type="checkbox"/> Si <input type="checkbox"/> No <input type="checkbox"/> No se
20.	Tiene su patrono o empresa un plan de comunicaciones entre los empleados que se implementaría enseguida de un desastre natural para ponerse en contacto con usted?
	<input type="checkbox"/> Si <input type="checkbox"/> No <input type="checkbox"/> No se
21.	Por favor liste cualquier estudio que usted sepa que se haya elaborado en su comunidad o en el condado en relación a los peligros debidos a futuros eventos de riesgo (i.e. edificios de mampostería sin reforzar, o inventarios de edificios no reforzados, análisis de inundación de represas, etc.)
	<hr/> <hr/>

22.	<p>Que recomendaciones tiene para el Condado de Santa Bárbara y las ciudades incorporadas para mejorar la identificación, priorización e implementación de acciones diseñadas a reducir futuros daños e incrementar la resistencia (i.e. reconversión en infraestructura, actualización de códigos de construcción)?</p>
	<p><input type="checkbox"/> Llevar a cabo alcances para asegurar que las personas estén consientes de su entorno y los riesgos inherentes</p> <p><input type="checkbox"/> Proveer entrenamiento y materiales acerca de como pueden prepararse los residentes para afrontar los riesgos identificados</p> <p><input type="checkbox"/> Imponer/actualizar los códigos de construcción</p> <p>Otros (por favor especifique):</p> <p>_____</p> <p>_____</p>
23.	<p>Por favor recomiende cualquier compañía o asociaciones locales que deberían estar involucradas en el plan de mitigación de riesgos del Condado de Santa Bárbara</p>
	<p><b>#1 Nombre de la Compañía/Asociación:</b> _____</p> <p><b>Nombre del contacto:</b> _____</p> <p><b>Dirección electrónica del contacto:</b> _____</p> <p><b>Numero de teléfono del contacto:</b> _____</p> <p><b>#2 Nombre de la Compañía/Asociación:</b> _____</p> <p><b>Nombre del contacto:</b> _____</p> <p><b>Dirección electrónica del contacto:</b> _____</p> <p><b>Numero de teléfono del contacto:</b> _____</p>
24.	<p>Quisiera usted revisar y hacer comentarios sobre un borrador del anexo del Plan Multi-Jurisdiccional de Mitigación de Múltiples-Riesgos de su jurisdicción?</p>
	<p><input type="checkbox"/> Si, por favor notifíqueme usando mi información de contacto en la siguiente pregunta.</p> <p><input type="checkbox"/> No</p>
25.	<p>Por favor indíquenos su nombre, número de teléfono y dirección para que podamos notificarle de futuras oportunidades para participar en la planificación de resistencia a riesgos naturales y mitigación de riesgos. Si no tiene una dirección electrónica, por favor denos su dirección de correo.</p>
	<p><b>Nombre completo:</b> _____</p> <p><b>Dirección electrónica:</b> _____</p> <p><b>Dirección:</b> _____</p> <p><b>Ciudad, Estado y Código Postal:</b> _____</p> <p><b>Jurisdicción en la que esta interesado:</b> _____</p>
26.	<p>Por favor proporciónennos cualquier comentario/sugerencia/pregunta adicional que usted tenga acerca de su riesgo a futuros desastres naturales.</p>
	<p>_____</p> <p>_____</p> <p>_____</p>

Gracias por tomarse el tiempo para responder a esta encuesta. Si usted tiene preguntas acerca de esta encuesta, puede usted ponerse en contacto con **Corinne Bartshire** at [cbartshire@dewberry.com](mailto:cbartshire@dewberry.com) or **415.295.7116**.

## Bartshire, Corinne

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**From:** Claudia Dato [cdato@cityofgoleta.org]  
**Sent:** Monday, September 19, 2011 3:39 PM  
**To:** Claudia Dato  
**Cc:** Bartshire, Corinne  
**Subject:** Notice of Availability - Goleta Annex to Hazard Mitigation Plan 2011 Update

Dear Community Member,

On behalf of the City of Goleta, I am pleased to invite you to review the attached Draft of the [Goleta Annex to the Santa Barbara County Hazard Mitigation Plan 2011 Update](#). Input from you or your organization will be invaluable to increasing disaster resiliency in our community.

This plan is currently under review by Cal EMA and FEMA to ensure compliance with the Disaster Mitigation Act of 2000, allowing the City to maintain eligibility to receive federal mitigation grant funding. This plan identifies the primary natural hazards of risk and presents measures to increase resiliency throughout Santa Barbara County and the City of Goleta. The complete Santa Barbara County Local Hazard Mitigation Plan may also be viewed at [www.countyofsb.org/ceo/oes](http://www.countyofsb.org/ceo/oes)

If you are unable to open and/or view the attached PDF version of the draft annex, then beginning on Wednesday, September 21, 2011, it may be downloaded from the City's website at: [www.cityofgoleta.org](http://www.cityofgoleta.org). Public comments on the Goleta annex are encouraged. Comments received prior to October 18, 2011, will be considered for incorporation in the plan prior to adoption by the City Council (tentatively scheduled for November 1, 2011). Comments received after this date will be held for consideration in future updates to this plan. Please direct any questions or comments to the City's consultant: Corinne Bartshire at [cbartshire@dewberry.com](mailto:cbartshire@dewberry.com) or 916-380-3776.

*Please forward this message to fellow residents and community members of Goleta. We sincerely appreciate your time and cooperation in helping our community become more resilient.*

***Thank you for your participation!***

### **Claudia Dato**

*Management Analyst*

#### **City of Goleta**

RDA, Neighborhood Services & Public Safety

130 Cremona Drive, Suite B

Goleta, CA 93117

(805) 961-7554 Fax (805) 961-8084

Email: [cdato@cityofgoleta.org](mailto:cdato@cityofgoleta.org)



Please consider the environment before printing this e-mail.



**News Media Contact:**  
Valerie Kushnerov  
Public Information Officer  
805.961.7507; 805.689.8044 (cell)  
[vkushnerov@cityofgoleta.org](mailto:vkushnerov@cityofgoleta.org)

**PRESS RELEASE**  
FOR IMMEDIATE RELEASE  
September 21, 2011

**CITY COUNCIL**  
Margaret Connell  
*Mayor*

Edward Easton  
*Mayor Pro Tempore*

Roger S. Aceves  
*Councilmember*

Michael T. Bennett  
*Councilmember*

Paula Perotte  
*Councilmember*

**CITY MANAGER**  
Daniel Singer

## **City of Goleta Seeks Public Input on Draft Hazard Mitigation Plan**

**Goleta, CA** – Is your home or office building susceptible to damage from earthquakes, wildfires, floods, or utility service interruption? Do you want to increase the chances that you can recover from disasters and prevent future damage from these and other natural hazards?

Public review and comment is being solicited for the Review Draft of the Goleta annex to the Santa Barbara County Local Hazard Mitigation Plan 2011 Update. This annex is currently under review by Cal EMA and FEMA to ensure compliance with the Disaster Mitigation Act of 2000 allowing the City to maintain eligibility to receive federal mitigation grant funding. This plan identifies the primary natural hazards of risk and presents measures to increase resiliency throughout Santa Barbara County.

The Goleta annex may be viewed and downloaded at the City's website: [www.cityofgoleta.org](http://www.cityofgoleta.org). The entire Santa Barbara County Local Hazard Mitigation Plan may be viewed at [www.countyofsb.org/ceo/oes](http://www.countyofsb.org/ceo/oes).

Public comments are encouraged. Please direct any questions or comments to the City's consultant, Corinne Bartshire, at [cbartshire@dewberry.com](mailto:cbartshire@dewberry.com) or 916-380-3776. Comments received prior to October 18<sup>th</sup> will be considered for incorporation in the plan prior to adoption by the City Council. Comments received after this date will be held for consideration in future updates to this plan.

For additional information, please contact Valerie Kushnerov, Public Information Officer, City of Goleta, at 961-7507.



**NOTICE OF AVAILABILITY FOR PUBLIC REVIEW:  
DRAFT GOLETA ANNEX TO SANTA BARBARA COUNTY  
HAZARD MITIGATION PLAN UPDATE**

**NOTICE IS HEREBY GIVEN** that the City of Goleta is conducting public review and comment period for the Review Draft of the Goleta Annex to the Santa Barbara County Local Hazard Mitigation Plan 2011 Update. This Annex is currently under review by Cal EMA and FEMA to ensure compliance with the Disaster Mitigation Act of 2000 allowing the City to maintain eligibility to receive federal mitigation grant funding. This plan identifies the primary natural hazards of risk and presents measures to increase resiliency throughout Santa Barbara County, including the City of Goleta.

The Goleta annex may be viewed and downloaded at the City's website: [www.cityofgoleta.org](http://www.cityofgoleta.org). The entire Santa Barbara County Local Hazard Mitigation Plan may be viewed at [www.countyofsb.org/ceo/oes](http://www.countyofsb.org/ceo/oes)

Public comments are encouraged. Please direct any questions or comments to the City's consultant: Corinne Bartshire at [cbartshire@dewberry.com](mailto:cbartshire@dewberry.com) or 916-380-3776. Comments received prior to October 18, 2011, will be considered for incorporation in the plan prior to adoption by the City Council. Comments received after this date will be held for consideration in future updates to this plan.

**Publish: Thursday, September 22, 2011  
Santa Barbara Daily Sound**



**AVISO DE DISPONIBILIDAD DE REVISIÓN PÚBLICA:  
PROPUESTO ANEXO DE GOLETA A LA ACTUALIZACIÓN DEL PLAN DE  
MITIGACIÓN DEL RIESGO DEL CONDADO DE SANTA BÁRBARA**

**EL AVISO SE DA** que la Ciudad de Goleta está llevando a cabo revisión y comentarios públicos para la Revisión Preliminar del Anexo de Goleta al 2011 Actualización del Plan Local de Mitigación de Riesgos para el Condado de Santa Bárbara. Este Anexo se encuentra actualmente en revisión por Cal EMA y FEMA para asegurar el cumplimiento con la Ley de Mitigación de Desastres de 2000 permitiendo que la Ciudad mantenga la elegibilidad para recibir subvenciones federales para mitigación. Este plan identifica los principales riesgos naturales de riesgo y presenta medidas para aumentar la resiliencia en todo el Condado de Santa Bárbara, incluyendo la Ciudad de Goleta.

El Propuesto Anexo de Goleta se puede ver y descargar en la página web de la Ciudad: [www.cityofgoleta.org](http://www.cityofgoleta.org). El Plan Local de Mitigación de Riesgos del Condado de Santa Bárbara se puede ver en su totalidad en la página de web: [www.countyofsb.org/CEO/oes](http://www.countyofsb.org/CEO/oes)

Solicitamos los comentarios del público. Por favor dirija sus preguntas o comentarios al consultor del Condado: Corinne Bartshire al [cbartshire@dewberry.com](mailto:cbartshire@dewberry.com) o por teléfono al 916.380.3776. Los comentarios recibidos antes del 18 de octubre de 2011, se tomarán en cuenta para incorporación en el Plan antes de su aprobación por el Concejo Municipal. Los comentarios recibidos después de esta fecha se llevarán a cabo para su consideración en futuras actualizaciones de este plan.

**Publique:           Jueves, 22 de septiembre de 2011  
                          Santa Barbara Daily Sound**

**2X4.6**

**AVISO DE DISPONIBILIDAD DE REVISIÓN PÚBLICA:  
PROPUESTO ANEXO DE GOLETA A LA  
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**Publique: Jueves, 22 de septiembre de 2011  
Santa Barbara Daily Sound**

**2X4.1**

**NOTICE OF AVAILABILITY FOR PUBLIC REVIEW:  
DRAFT GOLETA ANNEX TO SANTA BARBARA  
COUNTY  
HAZARD MITIGATION PLAN UPDATE**

**NOTICE IS HEREBY GIVEN** that the City of Goleta is conducting public review and comment period for the Review Draft of the Goleta Annex to the Santa Barbara County Local Hazard Mitigation Plan 2011 Update. This Annex is currently under review by Cal EMA and FEMA to ensure compliance with the Disaster Mitigation Act of 2000 allowing the City to maintain eligibility to receive federal mitigation grant funding. This plan identifies the primary natural hazards of risk and presents measures to increase resiliency throughout Santa Barbara County, including the City of Goleta.

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Public comments are encouraged. Please direct any questions or comments to the City's consultant: Corinne Bartshire at [cbartshire@dewberry.com](mailto:cbartshire@dewberry.com) or 916-380-3776. Comments received prior to October 18, 2011, will be considered for incorporation in the plan prior to adoption by the City Council. Comments received after this date will be held for consideration in future updates to this plan.

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## View News & Announcements

Caltrans Road Closures in Goleta  
Posted Date: 10/14/2011

Council to Consider Oversized Vehicle Ordinance  
Posted Date: 10/14/2011

UPDATED: Public Notice - Inviting Applications for Committee  
Vacancies  
Posted Date: 10/5/2011

Halloween Public Safety Community Meeting  
Posted Date: 10/5/2011

Public Service Announcements - October 2011  
Posted Date: 10/4/2011

Agencies Recognized for Beach Hazard and Open Space Clean Up  
Posted Date: 10/4/2011

Request for Statement of Qualifications - Stormwater Business  
Outreach and Inspection Services  
Posted Date: 10/3/2011

City of Goleta Seeks Public Input on Draft Hazard Mitigation Plan  
Posted Date: 9/30/2011

Save the Date! San Jose Creek Project Open House  
Posted Date: 9/30/2011

Request for Qualifications/Request for Proposals for Hollister/Kellogg  
Neighborhood Park Design  
Posted Date: 9/19/2011

Public Service Announcements - September 2011  
Posted Date: 9/14/2011

Ekwill Fowler Draft Environmental Impact Report Now Available for  
Review  
Posted Date: 9/13/2011

Fall 2011 Edition of the Monarch Press City Newsletter  
Posted Date: 8/30/2011

Public Service Announcements - August 2011  
Posted Date: 8/2/2011

Press Conference on State Budget Bills AB 1x 26 and AB 1x 27  
Posted Date: 7/19/2011 1:00 PM

## View News & Announcements

### **City of Goleta Seeks Public Input on Draft Hazard Mitigation Plan**

Deadline for Comment October 18th, 2011

**Posted Date:** 9/30/2011

The City of Goleta has participated with Santa Barbara County in updating its Local Hazard Mitigation Plan. This plan is an annex to the Santa Barbara County Hazard Mitigation Plan which is available for download at [www.countyofsb.org/ceo/oes](http://www.countyofsb.org/ceo/oes). Please review the Goleta annex and submit your comments and questions to Corinne Bartshire at (916)380-3776 or [cbartshire@dewberry.com](mailto:cbartshire@dewberry.com).

Comments received prior to October 18th will be considered for incorporation in the plan prior to adoption by the City Council. Comments received after this date will be held for consideration in future updates to this plan.

City of Goleta Seeks Public Input on Draft Hazard Mitigation Plan  
*press release 9.21.11*

Follow link to review City of Goleta Annex to SB County Multi-Hazard Mitigation Plan Update 2011

### 11.8.3 References

City of Goleta General Plan/Coastal Land Use Plan

City of Goleta Economic Development Strategic Plan

City of Goleta Emergency Operations Plan and Threat Analysis

City of Goleta Municipal Code

City of Goleta Inland and Coastal Zoning Codes

Goleta Old Town Revitalization Plan (Redevelopment Plan)

City of Goleta Stormwater Management Plan

City of Goleta Strategic Plan

City of Goleta Capital Improvement Plan