



Section 7. Plan Maintenance Procedures

This section describes the system that Suffolk County and all participating jurisdictions and Tribal Nations have established to monitor, evaluate, and update the mitigation plan; implement the mitigation plan through existing programs; and solicit continued public involvement for plan maintenance.

7.1 Monitoring, Evaluating and Updating the Plan

The procedures for monitoring, evaluating, and updating the plan are provided below.

Each participating jurisdiction and Tribal Nation is expected to maintain a representative on the Mitigation Planning Committee (MPC) who shall fulfill the monitoring, evaluation and updating responsibilities identified in this Section. Table 7-1 identifies the representation of the MPC as of the date of this plan as indicated in each of the annexes in Section 9.

Table 7-1. Mitigation Planning Committee

Organization	Name	Title	POC	Alternate POC
SC FRES	Thomas O'Hara	PDM Project Manager/ HMP Coordinator	X	-
	Robert Sheron	PDM Planning Aide	-	X
SC Department of Planning	TBD		X	-
SC Water Authority	Jeffrey Szabo	Chief Executive Officer	X	-
	Joseph Pokorny	Deputy CEO for Operations	-	X
Town of Babylon	Brian Zitani	Waterways Management Supervisor	X	-
	Gil Hanse	Director, Emergency Management	-	X
Village of Amityville	Diane Sheridan	Administrator / Clerk	X	-
	Andrea Conzo	Deputy Clerk	-	X
Village of Babylon	Charles Gardner	DPW	X	-
	Suzanne Schettino	Administrative Assistant	-	X
Village of Lindenhurst	Douglas Madlon	Deputy Administrator	X	-
	Raymond Fais	Emergency Management Coordinator	-	X
Town of Brookhaven	Dan Sicilian	Safety Officer	X	-
	Peter O'Leary	Commissioner Public Safety	-	X
Village of Bellport	Donald A. Mullins	Dir. of Code Enforcement	X	-
	Katie Mehrkens	Village Clerk	-	X
Village of Belle Terre	Robert Sandak	Trustee	X	-
	Ted Lucki	Village Clerk	-	X
Village of Lake Grove	Lee Hoeffner	Village Administrator	X	-
	Doug Colino	Highway Superintendent	-	X
Village of Mastic Beach	Bill Biondi	Mayor	X	-
	Robert Morrow	Trustee	-	X
Village of Old Field	Lynda Howell	Village Clerk	X	-
	Mike Levine	Mayor	-	X
Village of Patchogue	Paul Pontieri	Mayor	X	-
	P. Sarich	Emergency Manager	-	X
Village of Poquott	Barbara Donovan	Mayor	X	-
	Annette Alfieri	Clerk	-	X
Village of Port Jefferson	Robert Juliano	Village Clerk - Administrator	X	-
	Margot Garant	Mayor	-	X
Village of Shoreham	Cathy Donahue Spier	Village Clerk	X	-
	Roger Pijacki	Mayor	-	X
Town of East Hampton	Bruce Bates	Deputy Emergency Preparedness Coordinator	X	-
	Kimberly Shaw	Environmental Protection Director	-	X



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Organization	Name	Title	POC	Alternate POC
Village of East Hampton	Michael Tracey	Police Captain	X	-
	Gerard Larsen	Police Chief	-	X
Town of Huntington	Betty Walsh	Spec. Asst. to Supervisor	X	-
	Matt Weider	GIS Manager	-	X
Village of Asharoken	Nancy Rittenhouse	Mayor	X	-
	William Raisch	Chairman, Emergency Management Committee	-	X
Village of Huntington Bays	Chris Jack	Chief of Police	X	-
	Gail Devol	Village Clerk	-	X
Village of Lloyd Harbor	Eileen Schulz	Village Clerk	X	-
	Robert Schwarz	Superintendent of Public Works	-	X
Village of Northport	Eric Bruckenthal	Chief of Police	X	-
	Joy Nygren	Emergency Coordinator	-	X
Town of Islip	Anthony D'Amico	Deputy Commissioner of Public Safety	X	-
	Anne Mendes	Public Safety	-	X
Village of Brightwaters	Joseph McNulty	Mayor	X	-
	Denise Gibson	Deputy Mayor	-	X
Village of Islandia	Allan Dorman	Mayor	X	-
	Michael Zaleski	Public Safety	-	X
Village of Ocean Beach	James Mallott	Mayor	X	-
	Kevin Scheling	Emergency Manager	-	X
Village of Saltaire	Mario Posilico	Emergency Manager	X	-
	Donna Lyudmer	Treasurer	-	X
Town of Riverhead	David J. Hegermiller	Program Manager/ Chief of Police	X	-
	Edward Frost	Sergeant	-	X
Town of Shelter Island	James J. Read Jr.	Chief of Police	X	-
	Jennifer Zacha	Police Clerk	-	X
Village of Dering Harbor	Timothy Hogue	Mayor	X	-
	Laura Hildreth	Village Clerk	-	X
Town of Smithtown	John Valentine	Director, Department of Public Safety	X	-
	Richard McKay	Chief Fire Marshall	-	X
Village of The Branch	John Valentine	Director, Department of Public Safety	X	-
	Thomas Keon	TBD	-	X
Village of Head of the Harbor	John Valentine	Director, Department of Public Safety	X	-
	Natale Tartamella	Mayor	-	X
Village of Nissequogue	John Valentine	Director, Department of Public Safety	X	-
	Richard Smith	Mayor	-	X
Town of Southampton	Francis Zappone	Deputy Supervisor	X	-
	Leonard Marchese	Comptroller	-	X
Village of North Haven	Jeffrey Sander	Mayor	X	-
	E. Dianne Skillbred	Deputy Mayor	-	X
Village of Quogue	Peter Sartorius	Mayor	X	-
	Christopher Osborne	Emergency Manager	-	X
Village of Sagaponack	Douglas Louchheim	Mayor	X	-
	Rosemarie (Rhodi)	Clerk	-	X
	Cary Winchell			
Village of Sag Harbor	Thomas Fabiano	Chief of Police	X	-
	Bess Kamper	Village Clerk- Administrator	-	X
Village of Southampton	Mark Epley	Mayor	X	-
	Stephen funsch	Administrator	-	X
Village of Westhampton Beach	Conrad Teller	Mayor	X	-
	Elizabeth Lindbit	Village Clerk	-	X
Village of Westhampton Dunes	Gary Vegliante	Mayor	X	-
	Laura Dalessandro	Village Clerk	-	X
Town of Southold	Lloyd Reisenberg	Network and Systems Administrator	X	-
	Heather Lanza	Director, Planning	-	X





Organization	Name	Title	POC	Alternate POC
Village of Greenport	David Nyce	Mayor	X	-
	David Abatelli	Village Administrator	-	X
Shinnecock Tribal Nation	Daniel Collins	Tribal Council Member	X	-
	Tracey Pace	Emergency Manager	-	X
Unkechaug Tribal Nation	Mary Treadwell	Emergency Management Coordinator and Tribal Trustee	X	-
	Veronica Treadwell	Emergency Manager	-	X
LIPA	Louis DeBrino	Emergency Manager	X	-
	Bob Iberger	Emergency Planning Coordinator	-	X

Notes: FRES = Fire, Rescue and Emergency Services; POC = Point of Contact; SC = Suffolk County
 *TBD = To be determined

It is recognized that individual commitments change over time, and it shall be the responsibility of each jurisdiction and its representatives to inform the HMP Coordinator of any changes in representation. The HMP Coordinator will strive to keep the committee makeup as a uniform representation of planning partners and stakeholders within the planning area.

7.1.1 Monitoring

The MPC shall be responsible for monitoring progress on, and evaluating the effectiveness of, the plan, and documenting annual progress. Each year, beginning one year after plan development, County and local MPC representatives will collect and process information from the departments, agencies and organizations involved in implementing mitigation projects or activities identified in their jurisdictional annexes (Volume II, Section 9) of this plan, by contacting persons responsible for initiating and/or overseeing the mitigation projects.

To standardize and facilitate collection of progress data and information on specific mitigation actions, FRES developed a progress matrix that will continue to be updated and distributed to the MPC members prior to the scheduled annual MPC meeting. FEMA guidance worksheets and the progress matrix are provided in Appendix E. This information shall be provided to the planning area HMP Coordinator prior to the annual MPC meeting to be held approximately one year from the date of local adoption of this update, and successively thereafter.

The information that MPC representatives shall be expected to document, as needed and appropriate include:

- Any grant applications filed on behalf of any of the participating jurisdictions
- Hazard events and losses occurring in their jurisdiction,
- Progress on the implementation of mitigation actions, including efforts to obtain outside funding,
- Obstacles or impediments to implementation of actions,
- Additional mitigation actions believed to be appropriate and feasible,
- Public and stakeholder input.

7.1.2 Evaluating

The evaluation of the mitigation plan is an assessment of whether the planning process and actions have been effective, if the Plan goals are being reached, and whether changes are needed. The Plan will be evaluated on an annual basis to determine the effectiveness of the programs, and to reflect changes that may affect mitigation priorities or available funding.



The status of the HMP will be discussed and documented at an annual plan review meeting of the Mitigation Planning Committee, to be held approximately one year from the date of local adoption of this update, and successively thereafter. At least two weeks before the annual plan review meeting, the Suffolk County HMP Coordinator will advise MPC members of the meeting date, agenda and expectations of the members.

The Suffolk County HMP Coordinator will be responsible for calling and coordinating the annual plan review meeting, and assessing progress toward meeting plan goals and objectives. These evaluations will assess whether:

- Goals and objectives address current and expected conditions.
- The nature or magnitude of the risks has changed.
- Current resources are appropriate for implementing the HMP and if different or additional resources are now available.
- Actions were cost effective.
- Schedules and budgets are feasible.
- Implementation problems, such as technical, political, legal or coordination issues with other agencies are presents.
- Outcomes have occurred as expected.
- Changes in County, town, village, Tribal or special purpose district resources impacted plan implementation (e.g., funding, personnel, and equipment)
- New agencies/departments/staff should be included, including other local governments as defined under 44 CFR 201.6 (201.7 in the case of Tribal governments).

Specifically, the MPC will review the mitigation goals, objectives, and activities using performance based indicators, including:

- New agencies/departments
- Project completion
- Under/over spending
- Achievement of the goals and objectives
- Resource allocation
- Timeframes
- Budgets
- Lead/support agency commitment
- Resources
- Feasibility

Finally, the MPC will evaluate how other programs and policies have conflicted or augmented planned or implemented measures, and shall identify policies, programs, practices, and procedures that could be modified to accommodate hazard mitigation actions (see the “Implementation of Mitigation Plan through Existing Programs” subsection later in this Section). Other programs and policies can include those that address:

- Economic Development
- Environmental Preservation
- Historic Preservation
- Redevelopment



- Health and/or safety
- Recreation
- Land use/zoning
- Public Education and Outreach
- Transportation

The MPC may refer to the evaluation forms, Worksheets #2 and #4 in the FEMA 386-4 guidance document, to assist in the evaluation process. Further, the MPC may refer to the process and plan review deliverables developed during the formal review of the original plan conducted in 2009.

The MPC Coordinator shall be responsible for preparing an Annual HMP Progress Report, based on the provided local annual progress reports from each participant, information presented at the annual MPC meeting, and other information as appropriate and relevant. These annual reports will provide data for the 5-year update of this HMP and will assist in pinpointing implementation challenges. By monitoring the implementation of the Plan on an annual basis, the MPC will be able to assess which projects are completed, which are no longer feasible, and what projects may require additional funding.

This report shall apply to all planning partners, and as such, shall be developed according to an agreed format and with adequate allowance for input and comment of each planning partner prior to completion and submission to the State Hazard Mitigation Officer. Each planning partner will be responsible for providing this report to its governing body for their review. During the annual MPC meeting, the planning partners shall establish a schedule for the draft development, review, comment, amendment and submission of the Annual HMP Progress Report to NYSOEM.

The Annual HMP Progress Report shall be posted on the Suffolk County Hazard Mitigation Plan website (<http://www.suffolkcountyny.gov/RESPOND/>) to keep the public apprised of the plan's implementation. For communities who may chose to join or recertify themselves in the NFIP Community Rating System (CRS) program, this report will also be provided to each CRS participating community in order to meet annual CRS recertification requirements. To meet this recertification timeline, the MPC will strive to complete the review process and prepare an Annual HMP Progress Report by the end of September.

The plan will also be evaluated and revised following any major disasters, to determine if the recommended actions remain relevant and appropriate. The risk assessment will also be revisited to see if any changes are necessary based on the pattern of disaster damages or if data listed in the Section 5.4 (Hazard Profiles) of this plan has been collected to facilitate the risk assessment. This is an opportunity to increase the community's disaster resistance and build a better and stronger community.

7.1.3 Updating

44 CFR 201.6.d.3 requires that local hazard mitigation plans be reviewed, revised as appropriate, and resubmitted for approval in order to remain eligible for benefits awarded under DMA 2000. It is the intent of the Suffolk County HMP MPC to update this plan on a five-year cycle from the date of initial plan adoption.

To facilitate the update process, the Suffolk County HMP Coordinator, with support of the MPC, shall use the fourth annual MPC meeting to develop and commence the implementation of a detailed plan update program. The Suffolk County HMP Coordinator shall invite representatives from NYSOEM to this meeting to provide guidance on plan update procedures. This program shall, at a minimum, establish who shall be responsible for managing and completing the plan update effort, what needs to be included



in the updated plan, and a detailed timeline with milestones to assure that the update is completed according to regulatory requirements.

At this meeting, the MPC shall determine what resources will be needed to complete the update. The Suffolk County HMP Coordinator shall be responsible for assuring that needed resources are secured.

Following each five-year update of the mitigation plan, the updated plan will be distributed for public comment. After all comments are addressed, the HMP will be revised and distributed to all planning group members and the New York State Hazard Mitigation Officer.

7.2 Implementation of Mitigation Plan Through Existing Programs

Participating jurisdictions have provided a detailed listing of related programs, through which mitigation planning may be implemented, in the local capability assessments provided in each jurisdictional annex (Volume II, Section 9).

It is the intention of the MPC, participating jurisdictions and Tribal Nations to incorporate mitigation planning as an integral component of daily government operations. MPC members will work with local government officials to integrate the newly adopted hazard mitigation goals and actions into the general operations of government and partner organizations. Further, the sample adoption resolution (Appendix A) includes a resolution item stating the intent of the local governing body to incorporate mitigation planning as an integral component of government and partner operations. By doing so, the MPC anticipates that:

- 1) Hazard mitigation planning will be formally recognized as an integral part of overall emergency management efforts;
- 2) The Hazard Mitigation Plan and Comprehensive and Emergency Management Plans will become mutually supportive documents that work in concert to meet the goals and needs of County residents; and
- 3) Duplication of effort can be minimized.

The information on hazard, risk, vulnerability and mitigation contained in this Plan is based on the best science and technology available at the time of the Plan's preparation. It is recognized by all participating jurisdictions that this information can be invaluable in making decisions under other planning programs, such as comprehensive, capital improvement, and emergency management plans. Table 7-2 below provides a summary of where participating jurisdictions have incorporated hazard mitigation into their existing processes and programs.



Table 7-2. Incorporation into Existing & Future Planning Mechanisms

Jurisdiction	Ongoing or Proposed Integration Actions
Suffolk County	<p>Land Use Planning: The Department of Economic Development and Planning supports all aspects of local planning, and seeks to integrate considerations of natural hazard risk and support mitigation project identification and implementation through its planning programs and resources. The Department has been directly supporting the ongoing New York Rising Community Redevelopment programs in participating communities, and have identified a number of County-led mitigation initiatives to address vulnerable areas within the County.</p> <p>Stream Maintenance and Stormwater Management Programs: Through SCDPW and SC Parks Department, the County continues to support stream maintenance and stormwater management programs to mitigate local flooding issues. Specific related mitigation initiatives are included in the County’s updated mitigation strategy.</p> <p>Planning for Coastal Storms: The County continues to develop and enhance plans to include comprehensive evaluation of coastal storms and the reduction of their impacts at local level, and seeks to coordinate all levels of planning in this area. The efforts of the Regional Catastrophic Planning Team and the program are winding down over the next 2 years. Many plans have been completed and are presently being distributed. The RCPT hired a regional field liaison to visit each jurisdiction and advocate and educate for the use of the plans.</p> <p>Integration of Improved Hazard Information into Existing Emergency Management Plans: The County continues to develop, enhance and implement existing emergency response plans to utilize new and developing technology/information as it becomes available. Bus Evacuation Plan has been updated to include home pick-ups, a call center, and designated phone number. Fire Island Evacuation and Re-Occupation plans have been completed. Equipment Typing is a work-in-progress, as is the Resource database both of which will continue to be refined as new information and data become available.</p> <p>Development of Improved Asset Information to support Risk/Vulnerability Assessment and Mitigation Efforts: The County continues to work to resolve discrepancy between the Real Property Tax Dept. and the Treasurer’s Office databases regarding number of tax parcels to support or enhance County-wide risk assessment. Further, through this plan update process, the County is continuing to enhance the building inventory for all of Suffolk County using latest technology and GIS applications for use within HAZUS-MH for future risk assessment to be performed by Suffolk County, Towns and Villages. These databases are being made available to all plan participants and County stakeholders to support mitigation efforts, including performing Benefit-Cost Analysis for grant applications.</p> <p>Public Education and Outreach Programs: SC FRES routinely gives educational presentations to requesting organizations and regular scheduled meetings are held with the Emergency Managers in each of the ten towns within the County. Additional meetings are held with Native American Nations and a variety of safety organizations and forums across the County. SC Ready program flyers produced for information. SC received an HMPG 1692 Grant for Public Education and has established a website (www.suffolkcountyny.gov/mend) that presents a vast amount of information to the public. In addition, an approved LOI and subsequent HMPG application #1249 under DR 4085 is being submitted on 10/30/13 for expansion of the County Education Program over a three year period that will address hazards of concern to all County residents.</p> <p>Presentations made by SC OEM staff to the public and organizations throughout the County have increased the awareness of Hazard Mitigation. The SC HMP website at www.suffolkcountyny.gov/respond has recorded over 19,000 visits since coming on line attesting to its visibility and stakeholder involvement. The current update of the SC HMP has an aggressive program for stakeholder</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>involvement including the use of social media, on-line questionnaires and public meetings.</p> <p>Using Tax-Lien and Open-Space Programs to reduce long term flood vulnerability: The County continues to curtail floodplain development by transferring flood-prone properties in the Narrows Bay area obtained by Suffolk County through tax lien procedures to the SC Parks, Recreation and Conservation Dept. for open space purposes as per Narrow Bay Floodplain and Mitigation Plan 1997.</p> <p>Addressing Seismic Risk through Integration with Emergency Management Planning: Enhance the SC Comprehensive Emergency Management Plan (CEMP) to address the earthquake hazard, including the findings, recommendations and specific initiatives identified in this plan update.</p> <p>Integrating Risk Data to support Land Use Planning: The County continues to inquire about future development in all participating jurisdictions annually, at the annual plan review meeting, and map these locations within GIS/HAZUS to determine if they are/are not located within identified hazard areas. Improvements in the County’s GIS capabilities will facilitate this initiative in the future. It is a key discussion point in the Plan update and will be an Agenda item at each annual plan review meeting moving forward.</p>
<p>Babylon (T)</p>	<p>Land Use Plans- Town continues to offer facilities for Agricultural/Market to conduct training and contractor certifications. Certification training classes were offered at the Town Hall Annex in North Babylon in 2008, 2009, 2010 and 2011.</p> <p>Floodplain Management- Stream clean-up program is administered through the Town DPW, an annual stream inspection survey is conducted every spring to identify problem areas. Individual complaints by residents also identify problem sites. Clean-up actions are coordinated with the NYSDEC Wetland Division to comply with wetland protection regulations. In 2012 the Town automated its complaint and response program with the COGNOS system which added time tracking to complaint response.</p> <p>Building Code, Ordinances, and Enforcement- The Town participated in or Sponsored several workshops geared to local officials and to residents on Flood Code enforcement and proper residential construction. Town coordinated with the NYSDEC, ASFPM and NYSFSMA.</p> <p>Floodplain Management- Continue program to Install different types of tidal flaps and valves at ten trial locations to determine the best ways of preventing tidal backflow into municipal drainage systems</p> <p>Infrastructure Protection- Reconstruction of Maple Avenue and Elm Avenue completed in 2008 and 2009 (Approx. 1 mile roadway). Town DPW identified roadways for elevation in 2012, Town is seeking funding opportunities through the FEMA HMG 404 program and the NYS CRZ program.</p> <p>Floodplain Management- Encourage applicable agencies to update existing CoastalView program on a yearly basis. (CoastalView is a joint venture of State and Federal agencies which has established benchmarks within erosion data in a GIS format)</p> <p>Infrastructure Protection- The Town identified which roads constituted as vital or critical for evacuation in 2008. Road elevations are scheduled as funding is available. No critical roadways were elevated in the past 5 years. Funding is being pursued through the FEMA HMG 404 program, NYS CRZ program or other Federal and State sponsored funding sources.</p> <p>Building Code, Ordinance, and Enforcement- HMG 404 application filed in 2012 to elevate 10 residential properties, Grant due to expire in 2015. Town is working with NY Rising to direct residents to existing funding opportunities to elevate at risk homes. Town</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>will continue to participate in FEMA and State sponsored programs.</p> <p>Public Education and Outreach- Town will continue to hold public outreach events, provide information on the Town web site and social media sites and participate in public outreach events sponsored by others.</p> <p>Building Code, Ordinance, and Enforcement/Public Education and Outreach- Implement public education programs that inform the public of local coastal hazard area zone ordinances (TOB Code Chapter 99), why this is important and how the public can help preserve and protect our managed coastal zones (i.e. Jones Island)</p>
Amityville (V)	<p>Land Use Plans – update village information as needed in the Suffolk County Comprehensive Plan and the Long Island South Shore Estuary Reserve Comprehensive Plan to ensure that hazard areas are addressed and to incorporate storm resiliency protections.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – revise and maintain building codes to require resilient and hurricane-proof construction techniques and materials.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance, zoning ordinance, and subdivision/site plan regulations to incorporate storm resiliency protections.</p> <p>Building Code, Ordinances, and Enforcement – apply for CDBG funding to fund additional staffing for the building department. This staff augmentation will be available to support mitigation and redevelopment projects</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Infrastructure Protection - enhance and implement the tree management program to decrease the risk of utility failures during storm events.</p> <p>Economic Development – an economic development plan is being developed as part of the New York Rising Community Reconstruction Program. The HMP incorporates mitigation and recovery actions from that report in the mitigation strategy for the Village.</p> <p>Public Education and Outreach – Educate the public on the impacts in flood prone areas on life and property, insurance, ways to protect their property before and during natural events and what they can acquire to install appropriate property protection measures, evacuation areas, securing of property, safety. Provide more regular reminders to the public regarding emergency preparedness, perhaps on a seasonal basis</p>
Babylon (V)	<p>Infrastructure Protection- Increase structural stability and drainage capacity of culverts spanning tribal tributaries and supporting</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>critical evacuation and response routes</p> <p>Floodplain Management/Infrastructure Protection- Re-design and re-enforce dams/spillways supporting man-made lakes out of freshwater streams and tidal tributaries to reduce risk of failure, increase stormwater retention, and reduce upstream flooding, and protect critical evacuation and response routes</p> <p>Floodplain Management- Dredging of mouths of tidal tributaries</p> <p>Land Use Plans- Implement tree management programs and augment existing programs, including containment of Asian Beetle, and measures to improve post-disaster debris management</p> <p>Infrastructure Protection- Design or enhance existing municipal drainage systems to provide increased capacity of the drainage system</p> <p>Emergency Response Plan- Develop a post-disaster action plan for coastal storm events that will address the local government operations post disaster.</p>
Lindenhurst (V)	<p>Continuity of Operations (COOP) Plan- Set up a program under the direction of the Village Deputy Administrator to monitor the Village mobile fleet communication equipment to ensure all components are kept in working order and all technology is up to date.</p> <p>Emergency Response Plan- Review the Village’s Emergency Management Plan yearly and revise as necessary.</p>
Brookhaven (T)	<p>Emergency Response Plan- Update and enhance the Town of Brookhaven’s existing Emergency Management Plan</p> <p>Emergency Response Plan- Consider the development of a post-disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans including this Hazard Mitigation Plan at the next available comprehensive update to the SCHMP.</p> <p>Emergency Response Plan/Continuity of Operations (COOP) Plan- Construct an Emergency Operations Center within one of the existing Town facilities.</p> <p>Continuity of Operations (COOP) Plan- Update emergency communications systems and capability town wide.</p> <p>Infrastructure Protection: Re-design and re-enforce dams/spillways supporting manmade lakes out of freshwater streams and tidal tributaries to reduce risk of failure, increase storm water retention, and reduce upstream flooding, and protect critical evacuation and response routes.</p> <p>Land Use Plans- Consider low-density land use in high-risk coastal, surface water and groundwater zones.</p> <p>Public Education and Outreach- Educate the public on ways to protect their property before and during natural events, and what they can acquire to install appropriate property protection measures.</p> <p>Public Education and Outreach- Implement public education programs that inform the public of local coastal erosion hazard area ordinances (TOB Code Chapter 76).</p>
Belle Terre (V)	<p>Land Use Plans – develop a Comprehensive Plan, incorporating information provided in the HMP to ensure that hazard areas are</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>addressed.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance.</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Emergency Response Plan - consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p>
<p>Bellport (V)</p>	<p>Land Use Plans – maintain the Comprehensive Plan, floodplain management plan, and shoreline management plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance.</p> <p>Stormwater Management Plan – Planned flood mitigation actions and their intended effect will be reflected in the Stormwater Management Plan.</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Emergency Response Plan - consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p> <p>Continuity of Operations (COOP) Plan – develop and adopt a COOP Plan to ensure the provision of vital services during an emergency.</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>Infrastructure Protection - assess and prioritize options to update and enhance the tree management and trimming program to decrease the risk of utility failures during storm events.</p> <p>Public Education and Outreach – develop public emergency preparedness awareness program</p>
Lake Grove (V)	<p>Land Use Plans – maintain the Comprehensive Plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the Comprehensive Plan.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance.</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Emergency Response Plan - consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plan . The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p>
Mastic Beach (V)	<p>Land Use Plans – maintain the Village Comprehensive Plan, floodplain management plan, economic development plan, local revitalization plan, and shoreline management plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Land Use Plans – update village information as needed in the Suffolk County Comprehensive Plan and the Long Island South Shore Estuary Reserve Comprehensive Plan to ensure that hazard areas are addressed.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance.</p> <p>Building Code, Ordinances, and Enforcement – provide training for additional Code Enforcement Officers and Inspectors</p> <p>Stormwater Management Plan – Planned flood mitigation actions and their intended effect will be reflected in the Stormwater Management Plan.</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Emergency Response Plan - develop a post –disaster recovery plan, including a debris management plan. This to be incorporated into the existing emergency management plan. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p> <p>Infrastructure Protection - enhance and implement the tree management program to decrease the risk of utility failures during storm events.</p>
<p>Old Field (V)</p>	<p>Land Use Plans – maintain the floodplain management plan and shoreline management plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance.</p> <p>Stormwater Management Plan – Planned flood mitigation actions and their intended effect will be reflected in the Stormwater Management Plan.</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan - maintain a post –disaster recovery plan, including a debris management plan. This to be incorporated into the existing emergency management plan. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p>
<p>Patchogue (V)</p>	<p>Land Use Plans – develop a Marina Property Protection Plan to protect shore front properties from hazard impacts. Information on hazard areas and relevant mitigation strategies from the HMP will be incorporated.</p> <p>Land Use Plans - develop Local Waterfront Revitalization Plan to improve safer waterfront usage, reduced river front flooding, contribute to improved water quality, and preserve natural areas and fish habitats Information on hazard areas and mitigation measures from the HMP will be incorporated into the plan.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning reviews.</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance, growth management ordinance, and stormwater management ordinance.</p> <p>Floodplain Management - participate in the Community Rating System, including working with the County and others to bring CRS training/workshops into the community, where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan - develop a post –disaster recovery and reconstruction plan, including a debris management plan. This to be incorporated into the existing emergency management plan. The plan will include procedures for inspecting properties and identifying damage before reoccupation. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p> <p>Infrastructure Protection - survey and assess trees in the Village, and develop a plan to reduce potential damages caused by fallen or windblown trees or branches</p> <p>Public Education and Outreach – Prepare a Public Outreach Program through informing, educating, soliciting input and advising community members, elected officials, property owners and stakeholders about actions proposed or planned by the Village. Expand the village website.</p>
Poquott (V)	<p>Land Use Plans – maintain the Master Plan, habitat preservation plan, and shoreline management plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – train building code officials on seismic standards/design provision in the International Building Code</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance, stormwater management ordinance, and post-disaster recovery ordinance to incorporate storm resiliency protections.</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Emergency Response Plan - consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p>
Port Jefferson (V)	<p>Land Use Plans – maintain the Master Plan and growth management plan to minimize risk in hazard areas. Updates will include a</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance and stormwater management ordinance to incorporate storm resiliency protections.</p> <p>Building Code, Ordinances, and Enforcement – investigate Code Changes incorporating safeguards for new and renovated buildings/ dwellings from earthquake damage</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan - continue to develop, enhance and implement existing emergency plans</p> <p>Emergency Response Plan - consider the development of a post-disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p> <p>Information Technology Disaster Recovery Plan (DRP) – develop and adopt a DRP to ensure access to vital records and systems during an emergency.</p>
Shoreham (V)	<p>Land Use Plans – maintain the Master Plan and habitat conservation plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance.</p> <p>Stormwater Management Plan – Planned flood mitigation actions and their intended effect will be reflected in the Stormwater Management Plan.</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Public Education and Outreach – Expand public education on ways to protect their property before and during hazard events</p>
East Hampton (T)	<p>Land Use Plans – maintain the Comprehensive Plan, growth management plan, habitat management plan, local waterfront</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>revitalization plan, and shoreline management plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Land Use Plans – continue to provide input into the Suffolk County Economic Development Plan. Information on hazard areas in the Town, described in the HMP, will be incorporated into the economic development plan.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – enhance existing codes to reduce the impact of natural hazards on structures & property</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance.</p> <p>Stormwater Management Plan – Planned flood mitigation actions and their intended effect will be reflected in the Stormwater Management Plan.</p> <p>Floodplain Management - attend a CRS workshop and consider participation in incentive-based programs such as CRS</p> <p>Emergency Response Plan – the Town developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each Town department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Emergency Response Plan - work with DOI, ACOE, NYSDEC, Suffolk County to develop a breach closure plan, focusing on the three locations in East Hampton that are likely to breach (Napeague Beach/Harbor area - location of RR and underground cable, Downtown Montauk, Ditch Plains in Montauk).</p> <p>Emergency Response Plan - consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p> <p>Public Education and Outreach – Develop and implement a public education/outreach program to increase participation in the NFIP, understanding that some of these activities will earn credit under CRS leading to premium discounts. This program should be coordinated with the Villages. One element of this program should be to increase public awareness of their proximity to identified flood-prone areas (e.g. maps on local website, www.floodsmart.gov). Maintain and expand, as needed, the public education program, which includes hazard preparedness meetings, printed materials, & segments on local TV & radio. Establish a method of hazard education for local businesses, to help reduce property loss, lessen economic impact, and ensure continuity of operation.</p>
East Hampton (V)	<p>Land Use Plans – maintain the Master Plan and shoreline management plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance and wetlands ordinance to minimize the risk from flooding.</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Emergency Response Plan - consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p> <p>Continuity of Operations (COOP) Plan – the Village has completed a document archiving program.</p>
<p>Huntington (T)</p>	<p>Floodplain Management- Update Floodplain mapping throughout the Town to reflect the most current data available in order to make the most informed decisions (Completed 2008 mitigation action).</p> <p>Emergency Response Plan- Consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management/ hazard mitigation plans (Completed 2008 mitigation action).</p> <p>Infrastructure Protection/Floodplain Management- Town-wide Drainage Inventory including GPS location and elevation data. An Accurate Drainage inventory would enable the town to create a proactive flood prevention plan which would mitigate storm damage loss to several billion dollars’ worth of private and public infrastructure.</p> <p>Infrastructure Protection- Engineered Beaches: continue our on-going beach nourishment program for all Town beaches.</p> <p>Infrastructure Protection- Nourishment plans and re-grading help to maintain the beaches and mitigate erosion.</p> <p>Infrastructure Protection- Survey all town beaches and maritime facilities and maintain survey of these facilities as baseline to determine loss of sand and structures.</p> <p>Infrastructure Protection/Floodplain Management- Develop and/or enhance the current stormwater management system to be in compliance with federal and state regulations such that there will be a net reduction in the flood risk caused by stormwater impacts (MS4 program).</p>
<p>Asharoken (V)</p>	<p>Land Use Plans – maintain the Master Plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the Master Plan.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance and floodplain management ordinance to minimize risk from flooding.</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Emergency Response Plan - consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p>
<p>Huntington Bay (V)</p>	<p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance, floodplain management ordinance, and stormwater management ordinance to minimize risk from flood and storm impacts.</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan - consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p>
<p>Lloyd Harbor (V)</p>	<p>Land Use Plans – maintain the Master Plan, habitat conservation plan, and shoreline management plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance, floodplain management ordinance, and stormwater management ordinance to minimize risk from flood and storm impacts.</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>Emergency Response Plan - consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p> <p>Public Education and Outreach – Continue to provide a monthly newsletter, village website with links, and direct contact to residents regarding hazards, their potential impacts, and how to minimize risk.</p>
<p>Northport (V)</p>	<p>Land Use Plans – maintain the shoreline management plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain stormwater management ordinance to minimize risk from storm impacts.</p> <p>Emergency Response Plan - consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p> <p>Infrastructure Protection - develop a village-wide tree inventory and management/removal program, and implement as funding becomes available, to decrease the risk of utility failures during storm events</p> <p>Public Education and Outreach – maintain the Village website as a source for public information on reducing vulnerability to hazards.</p>
<p>Islip (T)</p>	<p>Land Use Plans – Continue to collect data regarding past events and analyze potential future events.</p> <p>Building Code, Ordinances, and Enforcement – Inspect all Bulkheads owned by Islip Town and replace if necessary.</p> <p>Building Code, Ordinances, and Enforcement – Insure the building code is enforced for all construction projects, pre and post disaster, especially with regard to wind speed. According to the New York State department of State, wind speed design for Islip Town is between 110 and 120 miles per hour.</p> <p>Building Code, Ordinances, and Enforcement – Recommend to other governmental, NGO (Non-governmental Organization) and commercial entities that a structural review of wind loading be conducted on buildings in Islip Town. This would be especially important for multistory buildings such as the hospitals, federal court and office buildings.</p> <p>Building Code, Ordinances, and Enforcement – Continue to enforce codes and regulations regarding construction and building occupancy.</p> <p>Building Code, Ordinances, and Enforcement – Insure that all Town buildings are in compliance with fire code and that fire protection is in place and operational.</p> <p>Building Code, Ordinances, and Enforcement – Encourage use of additional fire resistant construction measures for new construction and retrofit.</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>Building Code, Ordinances, and Enforcement – Review Current Town Building Code with regard to HAZUS model of 1884 Earthquake.</p> <p>Building Code, Ordinances, and Enforcement – Insure that all future construction projects for Islip Town are in compliance with earthquake hazard requirements.</p> <p>Building Code, Ordinances, and Enforcement – Insure that wood or wood products from USDA Quarantine area are not removed and used for projects in other areas.</p> <p>Building Code, Ordinances, and Enforcement – Inspect all Islip Town buildings and facilities to insure their structural soundness.</p> <p>Floodplain Management – Provide for regular inspections of storm systems and clearing of storm drains, culverts and natural stream beds to insure reduce flooding from storm water runoff.</p> <p>Emergency Response Plan - Perform an inventory and maintain a list of all items, including records that would have to be removed from Town Facilities and Town Hall and Annex if flooding or storm surge is expected to inundate structures. Plan where these items and records would be relocated.</p> <p>Emergency Response Plan - Update and test the Town Emergency Response Plan regarding relocation of items and records.</p> <p>Emergency Response Plan - Insure that COOP and COG plans are in place and tested</p> <p>Emergency Response Plan - Work with trailer parks to insure evacuation of residents when high winds are expected</p> <p>Emergency Response Plan - Open emergency shelters when necessary (heat or cold emergencies)</p> <p>Emergency Response Plan - Upgrade decontamination supplies and equipment.</p> <p>Emergency Response Plan - Coordinate disaster relief response with appropriate governmental and NGO agencies to insure that disaster shelters are properly selected and stocked</p> <p>Emergency Response Plan – develop the Town’s EOP into a Comprehensive All-Hazards EOP.</p> <p>Infrastructure Protection - Wherever possible, retrofit Islip Town facilities to take into consideration potential impact of moderately high hazards (flood/ wind/ fire/ terrorism)</p> <p>Infrastructure Protection - Continue efforts to insure that construction of all new governmental facilities for Islip takes in consideration the potential impact of moderately high hazards (flood/ wind/ fire/ terrorism)</p> <p>Infrastructure Protection – Maintain Islip Town computer system to use standard and current platforms, enabling better interagency communication with other governmental and NGO (non-Governmental Organization) agencies.</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>Infrastructure Protection - Equip and maintain an EOC/ OPS (Emergency Operations Center / Operations) center at Long Island Islip MacArthur Airport to provide for alternate seat for Town Government outside of the flood plain and storm surge area.</p> <p>Infrastructure Protection - Insure that dead trees and branches near electric service for critical care facilities are removed or pruned back to reduce the possibility for interruption of service.</p> <p>Infrastructure Protection - Insure that dead trees and branches near electric service for Islip Town facilities and infrastructure are removed or pruned back to reduce the possibility for interruption of service.</p> <p>Infrastructure Protection - Insure that branches are pruned away from electric and telephone wires and dead standing trees are removed where they may fall on wires.</p> <p>Infrastructure Protection - Reduce the number of trees that are in conflict with overhead utilities.</p> <p>Infrastructure Protection - Insure that salt and sand are stockpiled for icing events.</p> <p>Infrastructure Protection - Insure that injurious amounts of salt and sand do not wash into environmentally sensitive areas.</p> <p>Infrastructure Protection - Insure that roadways are cleared and salted in an efficient manner</p> <p>Infrastructure Protection - Encourage placing utilities underground in future subdivisions to reduce damage from ice storms.</p> <p>Infrastructure Protection - Insure that surge protection is in place for all electric and electronic equipment in Town facilities and buildings.</p> <p>Infrastructure Protection - Optical Preemption Signal- Town wide</p> <p>Infrastructure Protection – identify and implement traffic safety projects, including intersection improvements, turn lanes, community islands and dividers, roadway reconstruction, traffic signal improvements, and traffic calming, on an ongoing basis.</p> <p>Public Education and Outreach – Continue to provide all-hazard information for the general public through the use of the Town website and print media</p> <p>Public Education and Outreach – Encourage retrofit of homes in flood prone areas. For example, elevate homes subject to repeated inundation, especially on Fire Island. Gerard Stoddard of the Fire Island Association provided an estimate that it would cost approximately \$40,000 per building.</p> <p>Public Education and Outreach – Provide wet/dry flood proofing assistance to homeowners with repeated basement flooding due to storms.</p> <p>Public Education and Outreach – Increase public awareness of storm hazards and how to reduce injury and property damage. Provide outreach for vulnerable populations, such as residents of trailer parks and households where English is a second language.</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>Public Education and Outreach – increase public awareness of hazards from ice storms through the Islip Town Website and publications.</p> <p>Public Education and Outreach – Increase public awareness of fire prevention and safety. Continue outreach to vulnerable population including the elderly, disabled, economically disadvantaged and households where English may be a second language.</p> <p>Public Education and Outreach – Continually work with the public to increase public awareness of Terrorism Hazard. “If you see something, say something”.</p> <p>Public Education and Outreach – Provide information to the public on wildfire prevention.</p> <p>Public Education and Outreach – Provide information to the public on the danger of heat and cold emergencies and where shelters will be located.</p> <p>Public Education and Outreach – Provide information on earthquake safety to the public.</p> <p>Public Education and Outreach – Continue to hold the annual rabies vaccination clinic for pets.</p> <p>Public Education and Outreach – Continue to utilize Islip Town website and printed materials to educate the public about West Nile Virus, Lyme Disease and rabies.</p> <p>Public Education and Outreach – Use Islip Town website and print material to encourage recycling of waste oil and other recyclables. Continue “STOP” program (Stop throwing out pollutants).</p> <p>Public Education and Outreach – Use Islip Town website and print materials to educate the public on safety during utility failure.</p> <p>Public Education and Outreach – Insure that all Islip Town employees are aware of the dangers at rail road grade crossings. Partner with L.I.R.R.</p> <p>Public Education and Outreach – Continue to educate the public about the dangers at grade crossings. Partner with L.I.R.R.</p> <p>Public Education and Outreach – Use the Town website and print material to educate the public to the danger of construction that does not comply with code and the necessity to obtain building permits and certificates of occupancy.</p> <p>Public Education and Outreach – Continue to provide information to the public regarding disaster preparation</p> <p>Public Education and Outreach – Continue to provide an opportunity for the public to voice their opinions through open, public meetings and timely response to citizen inquiries.</p> <p>Public Education and Outreach – Provide educational and recreational opportunities for at-risk youth to counter the beliefs, rituals and habits of gang culture.</p> <p>Site Plan Review - Eliminate Potential Flooding Problems in new commercial applications by examination of groundwater data.</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>Open Space Plans and Funding Programs - Continue Fire Island- Beach Fill Projects- scraping sand and rebuilding dunes for protection from waves and storm surge.</p> <p>Open Space Plans and Funding Programs - Employ water conservation measures for all Islip Town buildings and grounds.</p> <p>Open Space Plans and Funding Programs - Encourage the use of drought resistant plants for Islip Town Plantings.</p>
<p>Brightwaters (V)</p>	<p>Land Use Plans – maintain the floodplain management plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the floodplain management plan.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance and stormwater management ordinance to minimize risk from flood and storm impacts.</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Continuity of Operations/Continuity of Government (COOP/COG) – the Village has taken COOP/COG measures to maintain Village government functions in the event of disasters, including:</p> <ul style="list-style-type: none"> • Location of satellite work areas (e.g. the Cabin at the park) • Laptop computers to allow remote access and limited function. • Cloud backup of data. <p>Public Education and Outreach – enhance the Village’s public education and outreach program, to inform residents on how to reduce vulnerability to hazards</p>
<p>Islandia (V)</p>	<p>Land Use Plans – update village information as needed in the Town of Islip Master Plan to ensure that hazard areas are addressed.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance, floodplain management ordinance, and stormwater management ordinance to minimize risk from flood and storm impacts.</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Public Education and Outreach – the Village has a local website and is on Twitter. Outreach is part of their MS4 program, through</p>



Jurisdiction	Ongoing or Proposed Integration Actions
<p>Ocean Beach (V)</p>	<p>Cashin Associates. The Village posts informational brochures/flyers on their community bulletin board and kiosk in Village Hall.</p> <p>Land Use Plans – maintain the Comprehensive Plan and waterfront revitalization plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance.</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Public Education and Outreach – Public education and outreach in the Village includes monthly meetings with public invited, the village website, liaison to the Ocean Beach Association, and direct mailings.</p>
<p>Saltaire (V)</p>	<p>Land Use Plans – update village information as needed in the Town of Islip Master Plan to ensure that hazard areas are addressed.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance and coastal erosion hazard regulations.</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each Town department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Emergency Response Plan - develop a post –disaster recovery plan, including a debris management plan. This to be incorporated into the existing emergency management plan. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p>
<p>Riverhead (T)</p>	<p>Floodplain Management- Establish Jetties at the mouth of the Wading Creek to diminish the constant depositing of sand</p> <p>Public Education and Outreach/ Emergency Response Plan- Create a Public Awareness Program natural disasters and emergency preparedness</p> <p>Emergency Response Plan- Conduct Joint Annual Drills for all facets of emergency services in the Town and their partner agencies</p> <p>Infrastructure Protection/ Emergency Response Plan- Create a Generator Plan to designate personnel, guide distribution of equipment from County and pre-wire facilities to accommodate generators.</p> <p>Public Education and Outreach/ Emergency Response Plan- Create a Volunteer Program to help recruit volunteers for Red Cross</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>and Town Shelters, POD's and Ham Radio Operation during a disaster</p> <p>Emergency Response Plan- Create County-Wide Debris Removal Plan to develop protocols and designate shared sights to manage debris removal</p> <p>Infrastructure Protection- Road Elevation on flood prone South Shore Roads & Creek Road</p> <p>Continuity of Operations (COOP) Plan- Town Hall Basement and Records Storage Facility Remediation from Groundwater and Flooding</p>
Shelter Island (T)	<p>Land Use Plans –maintain Town info in the NYS DEC Flood Management Plan. Information on flood hazard areas and storm/flood impacts discussed in the HMP will be incorporated into the DEC plan.</p> <p>Land Use Plans – maintain the Comprehensive Plan and shoreline management plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – enhance the Town Code. The Town is considering new standards for bulkhead construction and minimum height for pilings</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance and stormwater management ordinance to minimize risk from flood and storm impacts.</p> <p>Building Code, Ordinances, and Enforcement – support/enhance building and/or flood code enforcement programs at the local level. The Town is seeking to increase its public education and awareness of current codes efforts</p> <p>Building Code, Ordinances, and Enforcement – regulate low-density land use in high risk coastal, surface water and groundwater zones</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan – the town developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each Town department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Emergency Response Plan - consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p> <p>Public Education and Outreach – adopt a program to increase public participation in maintenance of municipal drainage by</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>reducing roadway/recharge basin litter, dumping yard/household waste into streets, identification of neighborhood inlets, and notifying DPW of drainage problems</p> <p>Public Education and Outreach – educate the public regarding tick-borne illness.</p>
<p>Dering Harbor (V)</p>	<p>Land Use Plans – maintain the Master Plan and habitat conservation plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Building Code, Ordinances, and Enforcement – review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement – maintain NFIP flood damage prevention ordinance and growth management ordinance to ensure planned development addresses potential hazards.</p> <p>Floodplain Management - work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan – the village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Emergency Response Plan - consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p>
<p>Smithtown (T)</p>	<p>Floodplain Management- Flood prevention in at risk/prone areas including: Lake Ronkonkoma, Mills Pond, Millers Pond, Nissequogue River corridor</p> <p>Continuity of Operations (COOP) Plan- Update/maintain emergency communications systems and capability town-wide.</p> <p>Floodplain Management/Infrastructure Protection- Retrofit erosion-prone areas that are considered to be critical infrastructure including the Kings Park Bluff</p> <p>Floodplain Management/Infrastructure Protection-Retrofit flood-prone roadways that are considered to be critical infrastructure</p> <p>Building Code Ordinances, and Enforcement- Continue/enhance on-going stormwater management facility maintenance program.</p> <p>Building Code Ordinances, and Enforcement/Floodplain Management- Consider non-structural flood hazard mitigation alternatives for at risk properties within the floodplain, including those that have been identified as repetitive loss, such as acquisition/relocation, or elevation depending on feasibility. The parameters for feasibility for this initiative would be: funding, benefits versus costs and willing participation of property owners.</p> <p>Building Code Ordinances, and Enforcement- Develop and/or enhance the current stormwater management system to be in compliance with federal and state regulations such that there will be a net reduction in the flood risk caused by stormwater impacts.</p>



Jurisdiction	Ongoing or Proposed Integration Actions
<p>Head of the Harbor (V)</p>	<p>Emergency Response Planning- Adopt an updated Emergency response plan in conjunction with The Town of Smithtown.</p> <p>Emergency Response Planning- Consider the development of a post-disaster action plan, including a debris management plan.</p> <p>Floodplain Management/Building Code, Ordinances, and Enforcement- Develop and/or enhance the current stormwater management system to be in compliance with federal and state regulations such that there will be a net reduction in the flood risk caused by stormwater impacts</p>
<p>The Branch (V)</p>	<p>Emergency Response Planning- Adopt and enhance the Town of Smithtown’s existing Emergency management Plan</p> <p>Floodplain Management/Building Code, Ordinances, and Enforcement- Develop and/or enhance the current stormwater management system to be in compliance with federal and state regulations such that there will be a net reduction in the flood risk caused by stormwater impacts.</p> <p>Emergency Response Planning- Consider the development of a post-disaster action plan, including a debris management plan.</p>
<p>Nissequogue (V)</p>	<p>Emergency Response Planning- Adopt and enhance the Town of Smithtown’s existing Emergency management Plan</p> <p>Floodplain Management/Building Code, Ordinances, and Enforcement- Consider non-structural flood hazard mitigation alternatives for at risk properties within the floodplain, including those that have been identified as repetitive loss , such as acquisition/relocation, or elevation depending on feasibility. The parameters for feasibility for this initiative would be: funding, benefits versus costs and willing participation of property owners.</p> <p>Floodplain Management- Flood prevention in at risk/prone areas including: Nissequogue River corridor</p> <p>Emergency Response Planning- Consider the development of a post-disaster action plan, including a debris management plan.</p> <p>Floodplain Management/Building Code, Ordinances, and Enforcement- Retrofit erosion-prone areas that are considered to be critical infrastructure.</p>
<p>Southampton (T)</p>	<p>Public Education and Outreach: The Town of Southampton has a robust public outreach/education program through their Citizen’s Response Center. The Citizens’ Responses Center (CRC) is a resource of information before, during and after an emergency. The CRC creates and distributes public outreach materials and answers any phone calls before and after an Emergency Operations Center (EOC) is established. The Town provides public education events to inform residents on ways that can be more sustainable and reduce storm water inundation to the Town’s drainage system and reduce waste and pollution through recycling, better operational maintenance, and integrated best management. The Town places the SLOSH zones on the websites so that residents know what areas may be flood prone, and also posts all PSA on the websites and over the radio in the event of major storms.</p> <p>Land Use Planning: The Town’s GIS Division has developed and maintains mapping of all natural hazard risk areas in the Town, FEMA delineated or otherwise, to support land use decision making (e.g. Planning Board, site plan review process).</p> <p>Funding Mitigation: The Town has established a Community Preservation Fund, which is an open-space funding mechanism whereby a 2% tax is imposed on real property transactions for the specific purposes of funding the acquisition and protection of open space parcels that are environmentally-sensitive and/or vulnerable to natural hazards.</p> <p>The Town has established two Coastal Erosion Districts in the Village of Sagaponack to fund beach protection and re-nourishment</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>activities.</p> <p>Disaster Preparedness Planning: In 2013, the Town developed and adopted a Disaster Preparedness Plan in order to outline in detail the functions and responsibilities of each Town department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p>
<p>Southampton (V)</p>	<p>Site Plan Review: The Village requires an Environmental Impact Statement (EIS) for all development over 1-acre, which includes consideration of hazard risks.</p> <p>NFIP and Building Code Enforcement: The Village enforces the LiMWA standard in coastal “A” zones, and requires BFE+2 for all types of construction. The NFIP Floodplain Administrator would take additional training and certification for floodplain management if offered locally, and believes this would be supported by the Village.</p>
<p>North Haven (V)</p>	<p>COOP/COG: The Village continues to implement a document archiving program. Document retention schedules were recognized, and documents are being scanned and backed-up electronically as limited time and resources permit. The Village applied for a Local Government Records Management Improvement Fund (LGRMIF) grant from New York State Archives, however was denied. The Village intends to re-apply to the grant fund in 2014.</p>
<p>Quogue (V)</p>	<p>Job Descriptions: Mitigation and recovery roles have been defined in Village employee job descriptions.</p>
<p>Sagaponack (V)</p>	<p>Construction and Site Plan Approval: The Village has adopted the following policies to support hazard mitigation through their site plan approval and construction permitting processes:</p> <ul style="list-style-type: none"> • All applications within 400 feet of waterfront are required to receive site plan approval. The Village requires Elevation Certificates for all construction in the Special Flood Hazard Area (SFHA). • The Planning Board is very vigilant when a property owner proposes to change the topography of their property. They need to provide an engineer’s report which is verified by the Village Engineer that the change will not adversely affect the neighboring properties. • All applications within 400 feet of waterfront are required to receive site plan approval. • The Village requires underground utilities for new construction. <p>Education and Outreach: The Village continues to provide natural hazard risk awareness and reduction education to property owners and contractors and real estate people.</p> <p>Natural Resource Management: The Village implemented a Tree Committee who is charged with the maintaining a healthy tree scape. In the last 4 months we have had many trees along Sagg Main Street trimmed and removed if they were hazardous and the Erosion Control District was implemented.</p> <p>Beach Erosion Control Districts: All oceanfront properties are located in two newly formed Erosion Control Districts which will eventually help to fund dune and beach restoration and re-nourishment projects along the entire oceanfront, including private property.</p>
<p>Sag Harbor (V)</p>	<p>Emergency Management Planning: The village intends to continue to develop, enhance and implement existing emergency plans, incorporating the findings and recommendations of this hazard mitigation plan.</p> <p>GIS, Data Collection and Management Programs: The Village intends to develop a data collection and organization program to improve the documentation of hazard events. This may include recording high-water marks, documenting beach erosion, compiling and archiving loss data. Further, the Village intends to develop and implement a program to collect vulnerable population and (add</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>other types of data), consistent with the Town and Village of East Hampton, and convert into more widely useable and distributable forms, including GIS and electronic spreadsheet (Excel) formats. This effort will be coordinated with Town of East Hampton and Village of East Hampton to develop consistent, comprehensive datasets. Such data will directly support land use planning, vulnerability assessment, and mitigation project identification, evaluation and implementation.</p>
<p>Westhampton Beach (V)</p>	<p>Code Enforcement: Ongoing vigorous enforcement of substantial damage and substantial improvement regulations result in elevations of many structures to be compliant with FEMA floodplain regulations.</p>
<p>West Hampton Dunes (V)</p>	<p>Beach Erosion Control: Through Federal Court Order, the Stipulation of Settlement when the Village was incorporated in 1993 mandates annual Federal funding for beach nourishment of the Westhampton Dunes beaches for thirty years. The Village created an Improvement District on the bay shore to support shoreline management activities.</p> <p>Funding Mitigation: The Town has established a Community Preservation Fund, which is an open-space funding mechanism whereby a 2% tax is imposed on real property transactions for the specific purposes of funding the acquisition and protection of open space parcels that are environmentally-sensitive and/or vulnerable to natural hazards.</p> <p>Construction and Site Plan Approval: The Village has changed their ordinance to allow residents to continue to comply with the Federal and State floodplain elevations without having to reduce the overall height of their building envelope. In fact the Village has adjusted their ordinance to allow two feet of additional freeboard above the State requirements (2' local plus 2' State residential freeboard).</p>
<p>Southold (T)</p>	<p>Comprehensive/Master Planning: The Town of Southold is currently in the process of updating its comprehensive plan (Southold 2020), and has included a draft Natural Hazards chapter developed through collaboration with NOAA Coastal Services Center, the Association of State Floodplain Managers (ASFPM) and the Nature Conservancy. Per NOAA's Digital Coast website, "The result is strengthened connections between Southold's comprehensive plan and the town's hazards and climate resilience strategy. These connections and opportunities are being documented in a comprehensive plan that is focusing more attention on future, as well as present, hazard mitigation strategies.</p> <p>Land and Open Space Conservation: The Town of Southold partnered with private landowners and numerous agencies and organizations to purchase two properties totaling 96 acres. These acquisitions were funded through the Community Preservation Fund, which levies a transfer tax of 2% on each real estate transaction in Southold, and other sources, such as NOAA's Coastal and Estuarine Land Conservation Program (CELCP), with assistance from the New York State Department of State, the Nature Conservancy (TNC), and the Suffolk County Open Space Program. Both parcels include low-lying flood-prone areas. By conserving these areas, the town avoids future potential losses to homes and property from coastal storms. In fact, the acquisition increases the town's resilience to hazards, since the land retains its natural capacity to absorb stormwater and lessen flooding. The coastal position of both properties may provide longer-term resilience as well, by allowing natural storm-buffering dunes and coastal marshes to migrate inland with time as more frequent and powerful coastal storms and rising sea levels affect the coast.</p> <p>Construction and Site Plan Approval: Actions/applications are reviewed to the policies of the Town of Southold Local Waterfront Revitalization Program that incorporated avoidance and mitigation strategies to minimize structural loss.</p> <p>Relocate existing utilities underground is an objective of the Town of Southold Comprehensive Plan 2020.</p> <p>Post-Disaster Recovery and Reconstruction Plan: This action is a goal of the Town of Southold Comprehensive Plan 2020. The emergency response plan was reviewed during the Comprehensive Plan Update of the Natural Hazards Chapter. A recommendation</p>



Jurisdiction	Ongoing or Proposed Integration Actions
<p>Greenport (V)</p>	<p>for the Town to prepare a Post-disaster plan is included in this chapter, however the plan is not yet adopted and implementation has not yet begun. Limited staff and funds are causing this action to be delayed.</p> <p>Land Use Plans: Maintain the Comprehensive Plan, economic development plan, and shoreline management plan to minimize risk in hazard areas. Updates will include a review of the HMP to ensure that hazard areas are identified in the respective plans.</p> <p>Building Code, Ordinances, and Enforcement: Review planned development against the hazard areas identified in the HMP during zoning and subdivision reviews.</p> <p>Building Code, Ordinances, and Enforcement: Maintain NFIP flood damage prevention ordinance.</p> <p>Floodplain Management: Work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate</p> <p>Emergency Response Plan: The village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.</p> <p>Emergency Response Plan: Consider the development of a post –disaster action plan, including a debris management plan. This to be incorporated into existing emergency management plans. The debris management plan will incorporate estimates of debris generated by different hazards, as discussed in the risk assessment portion of the HMP.</p> <p>Addressing Vulnerable Populations: The Village developed and updates their special needs inventory; first developed in 2007/8, updated in 2011 and will be updated again in 2014.</p> <p>Public Education and Outreach: Maintain public education and outreach efforts to increase awareness of earthquake hazards and risks. Public education and outreach in the Village includes seasonal notifications at Village meetings (e.g. summer focuses on Coastal Storms, winter focuses on fire safety), use of the Village website, outreach/education prior to and during storms over radio, TV (town’s closed circuit) and website</p>
<p>Shinnecock Nation</p>	<p>Building Code: The Shinnecock Indian Nation seeks to promote policies, programs and activities to reduce hazard risks throughout the Nation. In the future, they would like to look towards utilizing a standard building code for all new development on the reservation.</p> <p>Land Use Planning: The Indian Nation has a land management/defense committee and natural resources committee in place to ensure proper land use on Tribal lands.</p> <p>Climate Change Adaptation: A Climate Change Adaptation Plan was developed in October 2013. The planning process involved researching climate change and particularly the impacts on surface water and ocean acidification because of tribal shellfish cultivation. Another large concern was the increasing shoreline erosion which is contributing to the loss of trees. The Shinnecock Environmental Department will lead the effort to implement the plan.</p> <p>Inter-Tribal Coordination: The Shinnecock Indian Nation meets with the Unkechaug Indian Nation quarterly to discuss how the two tribes can support each other. At these meetings, risk reduction is often a topic discussed and how the Tribes can mitigate their</p>



Jurisdiction	Ongoing or Proposed Integration Actions
	<p>natural hazard risks.</p> <p>Comprehensive Emergency Management: The Shinnecock Indian Nation Emergency Management/Public Safety Advisory Committee directs and coordinates all disaster and emergency management activities and operations for the Tribe. This office also ensures proper maintenance procedures and testing is conducted of the generator for the Health and Family Centers. Members of the Emergency Management/Public Safety Advisory Committee also attend Suffolk County quarterly emergency management and emergency services meetings. Members are trained in ICS 100, 200, 400 and 700.</p>
<p>Unkechaug Nation</p>	<p>Comprehensive Emergency Management: The Unkechaug Comprehensive Emergency Management Plan (CEMP) outlines the Nation’s emergency management capabilities and responsibilities before, during and after an emergency. The Emergency Managers have the authority to declare a state of emergency and direct and coordinate all disaster and emergency management activities and operations of the Unkechaug Indian Nation. The Emergency Managers keep the Chief informed. The Chief informs the Trustees.</p> <p>The Unkechaug Tribal Nation completed a comprehensive needs assessment as a joint venture with Stonybrook University School of Social Welfare. This assessment covered community safety and health and housing issues. The Emergency Managers are currently reviewing the results and updating their assessment by going door-to-door to determine progress on positive changes made to the Tribe to improve living conditions and safety.</p> <p>The Unkechaug Tribal Nation will utilize their facilities, equipment, supplies, personnel and resources first; however assistance may be obtained from local and county government and emergency service organizations. The Unkechaug Indian Nation utilizes the National Interagency Incident Management System (NIIMS) Incident Command System (ICS) to manage all emergencies requiring a multi-agency response.</p> <p>The Emergency Managers meet daily to monthly to discuss hazard mitigation topics such as ways to obtain more training and secure funding to implement mitigation actions. The Emergency Managers regularly check FEMA and other federal agency websites for grant funding opportunities.</p> <p>Inter-Tribal Coordination: The Unkechaug Tribal Nation meets with the Shinnecock Tribal Nation quarterly to discuss how the two tribes can support each other. At these meetings, risk reduction is often a topic discussed and how the Tribes can mitigate their natural hazard risks.</p> <p>Building Code and NFIP: The Unkechaug Tribal Nation seeks to promote policies, programs and activities to reduce hazard risks throughout the Nation. In the future, they would like to look towards utilizing a standard building code for all new development on the reservation. Further, the Nation is in the process of joining the National Flood Insurance Program.</p>
<p>SC Water Authority</p>	<p>Capital Budgets: Through their capital programs, the SCWA continues to identify and fund (full or local match) cost-effective mitigation projects for their facilities, including those identified in their mitigation strategy.</p>



During the annual plan evaluation process, the MPC will identify additional policies, programs, practices, and procedures that could be modified to accommodate hazard mitigation actions, and include these findings and recommendations in the Annual HMP Progress Report.

7.3 Continued Public Involvement

Suffolk County and participating jurisdictions are committed to the continued involvement of the public in the hazard mitigation process. Therefore, this Plan update will be posted on-line (www.suffolkcountyny.gov/RESPOND), and hard copies of will be made available for review during normal business hours at local town halls and public libraries, as identified in Table 7-4.

Table 7-3. Locations of Final Plan for Public Review and Comment

Organization	Location	Address
Suffolk County	Dept of Fire, Rescue & Emergency Services-Library	Bldg CO110, East Avenue, Yaphank
	Planning Department-Arthur Kunz Memorial Library	H. Lee Dennison Bldg, Veterans Hwy, Hauppauge
SC Water Authority	SCWA Main Office	4060 Sunrise Hwy, Oakdale
Town of Babylon	Division of Fire Protection	999 N. Indiana Avenue, North Lindenhurst
Village of Amityville	Amityville Village Clerk	21 Greene Avenue, Amityville
Village of Babylon	Babylon Village Mayor’s Office	153 W. Main Street, Babylon
Village of Lindenhurst	Village Hall	430 S Wellwood Avenue Lindenhurst
Town of Brookhaven	Town Hall	One independence Hill, Farmingdale
Village of Bellport	Village Hall	29 Bellport Lane, Bellport
Village of Belle Terre	Village Hall	1 Cliff Road, Belle Terre
Village of Lake Grove	Village Hall	980 Hawkins Avenue Lake Grove
Village of Mastic Beach	Village Hall	427 Neighborhood Road, Mastic Beach
Village of Old Field	Village Hall	207 Old Field Road Setauket-East Setauket
Village of Patchogue	Village Hall	14 Baker Street, Patchogue
Village of Poquott	Village Hall	45 Birchwood Avenue, Poquott
Village of Port Jefferson	Village Hall	121 West Broadway Port Jefferson
Village of Shoreham	Village Hall	PO Box 389, Shoreham
Town of East Hampton	Town Hall	159 Pantigo Road East Hampton
Village of East Hampton	Village Hall	86 Main Street, East Hampton
Town of Huntington	Fire Marshal’s Office	100 Main Street, Huntington
Village of Asharoken	Village Hall	1 Asharoken Avenue, Huntington
Village of Huntington Bays	Village Hall	244 Vineyard Road, Huntington Bay
Village of Lloyd Harbor	Village Hall	32 Middle Hollow Road, Huntington
Village of Northport	Village Hall	224 Main Street, Northport
Town of Islip	Town Hall	655 Main Street, Islip
Village of Brightwaters	Village Hall	40 Seneca Drive, Brightwaters
Village of Islandia	Village Hall	1100 Old Nichols Road, Islandia
Village of Ocean Beach	Village Hall	Bay and Cottage Walks PO Box 457, Ocean Beach
Village of Saltaire	Village Hall	PO Box 5551, Bay Shore



Organization	Location	Address
Town of Riverhead	Riverhead Library	330 Court Street, Riverhead
Town of Shelter Island	Town Hall	38 North Ferry Road, Shelter Island
Village of Dering Harbor	Village Hall	65 Maple Avenue, Smithtown
Town of Smithtown	Public Safety Office	65 Maple Avenue, Smithtown
Village of The Branch	Village Hall	40 Rt. 111, Smithtown
Village of Head of the Harbor	Public Safety Office	65 Maple Avenue, Smithtown
Village of Nissequogue	Village Hall	631 Moriches Road, St. James
Town of Southampton	Town Hall	116 Hampton Road, Southampton
Village of North Haven	Village Hall	333 Ferry Road, Sag Harbor
Village of Quogue	Village Hall	7 Village Lane PO Box 926, Quogue
Village of Sagaponack	Village Hall	3175 Montauk Highway, Sagaponack
Village of Sag Harbor	Village Hall	55 Main Street, Sag Harbor
Village of Southampton	Village Hall	23 Main Street, Southampton
Village of Westhampton Beach	Village Hall	165 Mill Road, Westhampton Beach
Village of Westhampton Dunes	Village Hall	4 Arthur Street, Westhampton Dunes
Town of Southold	Town Hall	53095 Route 25, Southold
Village of Greenport	Village Hall	TBD
Shinnecock Tribal Nation	Shinnecock Reservation	TBD
Unkechaug Tribal Nation	Unkechaug Reservation	12A Abby Lane, Mastic

In addition, public outreach and dissemination of the Plan will/may include :

- Links to the plan on municipal websites of each jurisdiction with capability.
- Continued utilization of existing social media outlets (Facebook, Twitter) to inform the public of flood hazards and severe storm events. Educate the public via the jurisdictional websites on how these applications can be used in an emergency situation.
- Development of annual articles or workshops on flood hazards to educate the public and keep them aware of the dangers of flooding.

Local MPC representatives and the Suffolk County HMP Coordinator will be responsible for receiving, tracking, and filing public comments regarding this HMP. Contact information for the County is included in the Point of Contact information at the end of the Executive Summary of this document.

The public will have an opportunity to comment on the plan via the hazard mitigation website at any time. The HMP Coordinator will maintain this website, posting new information and maintaining an active link to collect public comments.

The public can also provide input at the annual review meeting for the HMP and during the next 5-year plan update. The SC HMP Coordinator is responsible for coordinating the plan evaluation portion of the meeting, soliciting feedback, collecting and reviewing the comments, and ensuring their incorporation in the five-year plan update as appropriate. Additional meetings may also be held as deemed necessary by the planning group. The purpose of these meeting would be to provide the public an opportunity to express concerns, opinions, and ideas about the mitigation plan.

The MPC representatives shall be responsible to assure that:



- Public comment and input on the plan, and hazard mitigation in general, are recorded and addressed, as appropriate.
- Copies of the latest approved plan (or draft in the case that the five year update effort is underway) are available for review at the town hall and public library, along with instructions to facilitate public input and comment on the Plan.
- Appropriate links to the SC Hazard Mitigation Plan website (<http://www.suffolkcountyny.gov/RESPOND>) are included on municipal websites.
- Public notices are made as appropriate to inform the public of the availability of the plan, particularly during Plan update cycles.

The Suffolk County HMP Coordinator shall be responsible to assure that:

- Public and stakeholder comment and input on the plan, and hazard mitigation in general, are recorded and addressed, as appropriate.
- The Suffolk County HMP website is maintained and updated as appropriate.
- Copies of the latest approved plan (or draft in the case that the five year update effort is underway) are available for review at appropriate County facilities (e.g. libraries), along with instructions to facilitate public input and comment on the plan.
- Public notices, including media releases, are made as appropriate to inform the public of the availability of the plan, particularly during plan update cycles.