

APPENDIX E –

JURISDICTIONAL IMPLEMENTATION OF ACTIONS

DRAFT



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) Rensselaer County

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PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
Low	Join the National Flood Insurance Program	Flooding, hurricanes, ice jams, dam failures, nor'easters	Both	Engineering	Local Law?? May not have authority		Low	County budget
High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques by requiring a courtesy-review of draft plans by the County Emergency Management Agency, as well as incorporating local goals identified in the Rensselaer County Multi-Jurisdictional Natural Hazard Mitigation Plan adopted by the communities.	Drought, flooding, earthquakes, landslides, lightning, ice jams, dam failures, wildfires, winter storms, extreme temperatures, tornadoes	Future structures, both	Planning, Emergency Services	GML §239 l & m, local agreement	ongoing	Low	County staff time
Moderate	Organize an annual event at the Schaghticoke Fair for homeowners, builders and county and local jurisdictions that includes the sale of NOAA weather radios, dissemination of information brochures about disasters and building retrofits, demonstration of "defensible space" concept and fire resistant construction materials (for roofs & exterior finishes and inflammable coverings for openings like chimneys and attics) etc.	Flooding, earthquakes, landslides, lightning, ice jams, dam failures, wildfires, winter storms, extreme temperatures, tornadoes	Both	Emergency Services, Health, Highway, BRIS	N.A. - aligns with overall mission of the department(s)	Ongoing	Low	County staff time and budget
Low	Develop a stormwater management plan that includes zoning and subdivision regulations to control run-off; both for flood reduction and to minimize saturated soils on steep slopes that can cause landslides.	Flooding, hurricanes, ice jams, dam failures, nor'easters	Future structures	Planning	MS4 SPDES Permit and regulations	Ongoing	Low	County staff time
Moderate	Create higher-detailed mapping of hazard areas, including soils prone to landslides, flood prone areas, etc.	Flooding, earthquakes, landslides, lightning, ice jams, dam failures, wildfires	Both	Planning, BRIS	N.A. - aligns with overall mission of the department(s)	Ongoing	Low	County staff time, Grants - FEMA, NYS DEC

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Moderate	Expand and disseminate GIS and other hazard information on the internet and to the local communities.	Drought, flooding, earthquakes, landslides, lightning, ice jams, dam failures, wildfires, winter storms, extreme temperatures, tornadoes	both	BRIS	N.A. - aligns with overall mission of the department(s)	Ongoing	Low	County staff and budget
Moderate	Seek funding for back-up electric and telecommunications systems in local government-owned critical facilities.	Flooding, earthquakes, landslides, lightning, ice jams, dam failures, wildfires, winter storms, tornadoes	Existing structures	Emergency Services, Engineering, Planning	County Facilities Master Plan	2015	High	Grant funding
Moderate	Support and fund Community Emergency Response Team (CERT).	Flooding, earthquakes, landslides, ice jams, dam failures, wildfires, winter storms, extreme temperatures, tornadoes	Neither	Emergency Services	N.A. - aligns with overall mission of the department(s)	Ongoing	Low	Grant funding, County staff time and budgets
High	Create a Hazard Information Center - a virtual and physical library that contains all technical studies, particularly natural resources.	Drought, flooding, earthquakes, landslides, lightning, ice jams, dam failures, wildfires, winter storms, extreme temperatures, tornadoes	Neither	Emergency Services, Planning, BRIS	N.A. - aligns with overall mission of the department(s)	2015	Low	County staff time and budget, grant funding

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Medium	Implement public awareness, education and outreach programs for all targeted hazards.	Drought, flooding, earthquakes, landslides, lightning, ice jams, dam failures, wildfires, winter storms, extreme temperatures, tornadoes	Both	Emergency Services, Planning	N.A. - aligns with overall mission of the department(s)	Ongoing	Low	Grant funding, County staff time and funding
Medium	Expand upon the parcel data in the County's GIS to include such information as building square footage, year built, type, foundation type, and condition, would allow for a more accurate assessment of vulnerability. Use information to update plan. Ensure information will be available to the public and to relevant communities and agencies.	Flooding, earthquakes, landslides, lightning, wildfires, tornadoes	Existing	BRIS, Tax Services, Local Assessors	Tax Parcel Mapping	2014	Medium	Local staff and budgets, grants
High	Implement public notification of imminent/ongoing disaster/hazard events via reverse 911 technology and portable programmable message boards.	Flooding, earthquakes, landslides, ice jams, dam failures, winter storms, extreme temperatures, tornadoes	Neither	Emergency Services	911/Reverse 911	Ongoing	Medium	Grants, County budget
Moderate	Procure and implement web-based emergency management software to facilitate efficient and timely disaster response and management.	Flooding, earthquakes, landslides, lightning, ice jams, dam failures, wildfires, winter storms, extreme temperatures, tornadoes	Neither	Emergency Services	Capital Plan	Ongoing	Medium	Grants, County budget

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Low	Construct specific protected facility for storage and maintenance of hazard management assets.	Flooding, earthquakes, landslides, lightning, dam failures, wildfires, extreme temperatures, tornadoes	Future	Emergency Services, Buildings	County Facilities Master Plan	2016	High	Grants
Moderate	Prepare locations for disaster relief shelters in communities.	Flooding, earthquakes, landslides, lightning, ice jams, dam failures, wildfires, winter storms, extreme temperatures, tornadoes	Neither	Emergency Services	N.A. - aligns with overall mission of the department(s)	Ongoing	High	Grants
Low	Encourage citizens to implement water conservation measures by distributing water savings kits which include replacement shower heads, flow restrictors and educational pamphlets which describe water saving techniques. Also encourage conservation by offering rebates for ultra-low-flow toilets.	Drought	Both	County Executive's Office, EMC, Planning	N.A. - aligns with overall mission of the department(s)	2014	Moderate	Grants
High	Publish and distribute pamphlets on water conservation techniques and drought management strategies.	Drought	Both	County Executive's Office, EMC, Planning	N.A. - aligns with overall mission of the department(s)	Ongoing	Low	County budget
High	Continue to implement best management practices for floodplain areas.	Flooding, hurricanes, ice jams, dam failures, nor'easters	Existing	Highway	N.A. - aligns with overall mission of the department(s)	Ongoing	Medium	County budget
Moderate	Work together with local communities to conduct a routine stream maintenance program and seek financial assistance to clean out stream segments with heavy sediment deposits.	Flooding, hurricanes, ice jams, dam failures, nor'easters	Neither	Highway, Localities	N.A. - aligns with overall mission of the department(s)	2015	High	Grants, Private funding, Army Corps??

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Moderate	Develop a plan to retrofit/reconstruct old critical facilities.	Flooding, earthquakes, landslides, lightning, ice jams, dam failures, wildfires, extreme temperatures, tornadoes	Existing	Engineering, Highway	County Facilities Master Plan	2012	Low	County staff time, grants
Moderate	Public awareness through video/brochures about simple steps homeowners can take to mitigate damage.	Flooding, earthquakes, landslides, lightning, ice jams, dam failures, wildfires, , extreme temperatures, tornadoes	Existing	Emergency Services, Health, County Executive's Office, EMC, Planning	N.A. - aligns with overall mission of the department(s)	Ongoing	Low	Grants, County budgets
Low	Examine provisions for earthquake resistant retrofits for existing structures and infrastructures, paying particular attention to unreinforced masonry structures built prior to the adoption of building codes requiring earthquake resistant design for new construction.	Earthquakes, landslides	Existing	Engineering	County Facilities Master Plan	2016	Medium	Grants, County staff time
High	Assist communities with the adoption of hillside and steep slope development regulations.	Earthquakes, landslides	Future	Planning	N.A./Local Zoning & Subdivision Regulations	2011	Low	County staff time
Moderate	Create comprehensive geological mapping of areas prone to landslides and rock slides.	Earthquakes, landslides	Future	Planning, BRIS	N.A. - aligns with overall mission of the department(s)	Ongoing	Low	County staff time
Moderate	Locally identify and map specific areas of potential slope failure and limit future development in these areas.	Earthquakes, landslides	Future	Planning, BRIS	N.A. - aligns with overall mission of the department(s)	2012	Medium	Grants
Moderate	Stabilize the slope south of McChesney Avenue Extension west of Moonlawn Drive to prevent further slope erosion.	Earthquakes, landslides	Existing	Engineering, Highway	Capital Plan	2016	High	Grant funding

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High	Encourage the adoption of building safety codes, such as National Fire Protection Association (NFPA) – 780 Standard for the Installation of Lightning Protection Systems (1997).	Flooding, earthquakes, landslides, lightning, wildfires, winter storms, extreme temperatures, tornadoes	Future	Planning	N.A./Local Building Codes	2011	Low	County staff time
High	Increase public awareness regarding the use of ground outlets and surge protectors in homes and businesses.	Lightning	Both	Emergency Services, County Executive's Office, EMC, Planning	N.A. - aligns with overall mission of the department(s)	2011	Low	County budget
Moderate	Install specific retrofit techniques to protect electrical power and communications equipment	Lightning, winter storms, tornadoes	Existing	Emergency Services, Engineering	County Facilities Master Plan	Ongoing	High	Insurance, grants, County budget
Moderate	Implement monitoring and early warning measures at key locations.	Ice jams	Existing	Emergency Services, Highway	Capital Plan	2016	High	Grants
Low	Construction of ice control structures such as booms, tension wires and shaped block barriers.	Ice Jams	Future	Highway	Capital Plan	2020	High	Grants
High	Encourage participation in and compliance with National and NYSDEC/ NYSEMO Dam Safety Programs.	Dam failure	Existing	Emergency Services, Planning	N.A. - aligns with overall mission of the department(s)	2012	Low	County staff
Moderate	Investigate sources of funding to assist private dam owners to complete required repairs/maintenance.	Dam failure	Existing	Emergency Services, Planning	N.A. - aligns with overall mission of the department(s)	2012	Low	Grants
Moderate	Notify owners of property in dam break inundation areas of risks for Dyken Pond Dam	Dam Failure	Existing	Engineering	Federal & State Dam Regulations	2012	Low	County staff
Low	In consultation with NYSDEC Forest Protection & Fire Management and local forest rangers, develop detailed mapping of wildland/urban interface areas.	Wildfires	Existing	Planning, BRIS	N.A. - aligns with overall mission of the department(s)	2015	Low	County staff and budget
Moderate	Maintain inventory of addresses for route alerting (reverse 911) during wildfire emergencies that require public warning and information	Wildfires	Exostomg	Emergency Services, BRIS	N.A. - aligns with overall mission of the department(s)	Ongoing	Low	County staff and budget

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Moderate	In consultation with NYSDDEC Forest Protection & Fire Management and local forest rangers, review local EOPs for possible wildfire components regarding fire-rescue, alert warning communications and evacuations.	Wildfires	Neither	Emergency Services	EOPs	2014	Low	County staff and budget
Moderate	Initiate a public outreach program for homeowners for fire resistance.	Wildfires	Existing	Emergency Services, County Executive's Office, EMC, Planning	N.A. - aligns with overall mission of the department(s)	2013	Low	County staff and budget, grants
Moderate	Retrofit buildings with fire resistant materials, especially roofing.	Wildfires	Existing	Engineering, Buildings	County Facilities Master Plan	2016	High	Grants, County budget
Medium	Promote, or purchase for critical facilities, NOAA weather radios.	Flooding, hurricanes, ice jams, nor'easters	Neither	Emergency Services	N.A. - aligns with overall mission of the department(s)	2012	Low	Grants
Medium	Educate residents about driving in winter storms and handling winter-related health effects.	Winter storms, nor'easters	Neither	Emergency Services, County Executive's Office, EMC, Planning, Highway	N.A. - aligns with overall mission of the department(s)	Ongoing	Low	County staff time
Low	Protect utility lines to avoid power outages due to winter storms.	Winter storms, nor'easters, tornadoes	Neither	Highway	County Facilities Master Plan	2020	High	Grants
High	Develop and distribute outreach tools for homeowners and building permit applicants on protection of structures against cold weather damage and proper maintenance of heating/cooling systems and proper use of space heaters.	Winter storms, extreme temperatures	Both	County Executive's Office, EMC, Planning, Emergency Services	N.A. - aligns with overall mission of the department(s)	2012	Low	Grants, County staff time and budget
High	Review existing emergency response plans for enhancement opportunities. Work with social support agencies, homeowner associations and general public to develop and implement monitoring and warning systems focused on vulnerable populations and provision of adequate shelter facilities.	Drought, flooding, earthquakes, landslides, lightning, ice jams, dam failures, wildfires, winter storms, extreme temperatures, tornadoes	Neither	Emergency Services	Emergency Response Plans	Ongoing	Low	County staff time

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Medium	Provide information on why and how to build a safe room.	Tornadoes, earthquakes	Both	Emergency Services, Planning	N.A. - aligns with overall mission of the department(s)	2020	Low	County staff time and budget
Low	Install hurricane clips and wind shutters on existing development, especially emergency facilities and shelters built before existing codes were adopted to offer some degree of wind protection.	Tornadoes, nor'easters, wind storms	Existing	Engineering, Buildings	County Facilities Master Plan	2018	High	Grants
Medium	Conduct a study to determine the year built and level of protection for each emergency facility.	Flooding, earthquakes, landslides, lightning, wildfires, winter storms, extreme temperatures, tornadoes, high winds, nor'easters	Existing	Emergency Services, Engineering Buildings	NA- aligns with overall mission of the department(s)	2016	Medium	Grants, County staff time
Medium	On completion of the above, seek funding for mitigation projects for emergency facilities not currently designed for protection from flooding, high wind, lightning or wildfire damage.	Flooding, earthquakes, landslides, lightning, wildfires, winter storms, extreme temperatures, tornadoes, high winds, nor'easters	Existing	Emergency Services, Engineering Buildings, Planning	NA- aligns with overall mission of the department(s)	2018	High	Grants
High	Mitigate bank slide at 103 Dunham Hollow Road	Landslides, earthquakes, floods	Neither	Highway	Capital Plan	2015	Low	Grants
High	Drainage improvements on Tamarac Road to reduce flooding impacts	Flooding	Existing	Highway	Capital Plan	2013	Low	County staff time
Medium	Reduce flooding problems on Hampton Avenue by installing catch basins/storm drains	Flooding	Both	Highway	Capital Plan	2015	High	Grants
High	Mitigate bank slide on Dill Brook Hollow Road in the vicinity of Stillman Village Road.	Land slide, earthquake	Neither	Highway	Capital Plan	2015	Medium	Grants
Medium	Replace box culvert on Garfield-East Nassau Road in the vicinity of Woodward Road to reduce flooding.	Flooding	Both	Highway	Capital Plan	2016	High	Grant

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Medium	Reduce flooding by installing drainage improvements at the intersection of Schodack Landing Road and NY Route 9J	Flooding	Existing	Highway	Capital Plan	2015	Medium	Grants
High	Replace culvert at 5392 South Stephentown Road to reduce flooding.	Flooding	Existing	Highway	Capital Plan	2013	Low	County staff and budget
Low	Replace 4 large 6 to 8 foot diameter culverts on River Road (CR 121) and harden end treatments to reduce flooding and ice jams.	Flooding, ice jams	Both	Highway	Capital Plan	2016	High	Grants
Medium	Replace storm drain system at New Turnpike Road near Haughney Road with increased capacity to reduce flooding.	Flooding	Both	Highway	Capital Plan	2013	Medium	Grants
High	Repair road settlement on Hoags Corners Road near Old Mill Pond Road – land slide.	Landslides, earthquakes	Neither	Highway	Capital Plan	2012	Medium	County staff time & budget
Medium	Repair road settlement on Green Hollow Road – land slide	Landslides, earthquakes	Existing	Highway	Capital Plan	2014	Medium	Grants
Low	Repair storm drains on McChesney Avenue with a larger system to reduce flooding	Flooding	Existing	Highway	Capital Plan	2013	Medium	Grants
Low	Install storm drain system on North Lake Avenue to replace open drain system.	Flooding	Both	Highway	Capital Plan	2016	High	Grants
High	Stabilize creek bank on Creek Road at the Poesten Kill – land slide.	Landslides, earthquake	Neither	Highway	Capital Plan	2012	High	Grants
Medium	Repair scour-critical bridge on Groveside Road near Sunkauissa Creek at Johnsonville Road.	Flooding	Existing	Highway	Capital Plan	2016	High	Grants
High	Repair roof drains at main garage (124 Bloomingrove Drive) to accommodate stormwater runoff.	Flooding, Winter Storms, Nor'easter	Existing	Highway; Engineering	Capital Plan	2011	Low	County budget
Low	Install storm drain system on Winter Street Extension to accommodate stormwater runoff and reduce flooding.	Flooding	Both	Highway	Capital Plan	2015	High	Grants
Low	Install storm drains on northern end of Lape Road to mitigate stormwater runoff.	Flooding	Both	Highway	Capital Plan	2013	High	Grants

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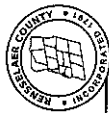
Town of Berlin

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1	Prevent flooding in the valley by working with the Little Hoosick Watershed Association to ensure that debris jams in the channel are removed on an ongoing basis.	flooding	Existing & future structures	Town Board	Little Hoosick Water Shed Association	On going	\$20,000/year	Grant funding

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IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) Town of Brunswick

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High	Resolve Safety issues with Town Dam for Town Reservoir	Down Stream Flooding	Neither Both	Highway Dept.	Town Board Action	6/2011	High	Grant funding Some Local Funding

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If using High/Medium/Low for project costs, define the ranges here: High from \$ 75,000 to \$ 250,000 ; Medium from \$ 50,000 to \$ 175,000 ; Low from \$ 25,000 to \$ 100,000



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) _____ Village of Castleton-on-Hudson

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the "Prioritization Worksheet". Now, on this page, translate from the "Prioritization Worksheets" each action and its priority rank, then fill in the remainder of the row

PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
High	Ice and windstorm-resistant trees and landscaping practices to reduce tree-related hazards.	Winter storms High winds	Both	DPW	Highway Foreman	Ongoing	Low	Local budget
Low	Storm water line replacement / upgrade of storm drainage system in the valley near Seaman Avenue.	Street flooding	Both	DPW	Board of Trustees	Based on funding	High	Grant funding
Low	Storm water line replacement / upgrade of the storm drainage system in the valley near Green Avenue. The pipes in this area are undersized. In addition, their age and subsequent deterioration is causing water to leach out of the pipes and in turn, instability and sliding along the slope.	Flooding Landslides	Both	DPW	Board of Trustees	Based on funding	High	Grant funding
Low	Storm line and catch basin upgrades, as well as upgrades of outfalls, along Main Street.	Street flooding	Both	DPW	Board of Trustees	Based on funding	High	Grant funding
Low	Storm water line replacement in Valley at the end of Benedict Street/ upgrade old galvanized piping, their age and subsequent deterioration is causing water to leach out of pipes and in turn instability along slope.	Flooding Landslides	Both	DPW	Board of Trustees	Based on funding	High	Grant funding

* "Priority" and "Mitigation Action" to be carried over from the STAPLEE worksheet

If using High/Medium/Low for project costs, define the ranges here: High from \$ 20,000 to \$ 20,000 upwards ; Medium from \$ 5,000 to \$ 20,000 ; Low from \$ 0 to \$ 5,000 .



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) East Greenbush

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the “Prioritization Worksheet”. Now, on this page, translate from the “Prioritization Worksheets” each action and its priority rank, then fill in the remainder of the row

PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
High	Upgrade culvert and swale drainage in Hampton Manor area of town in order to prevent flooding	Flooding	Both	DPW	Town Board Annual Budget Approval	2013	High	Staff time, local budget, and grant funding
Medium	Recondition Dam at the end of Catskill Avenue in order to prevent flooding in neighboring Rensselaer.	Flooding	Both	Engineer, DPW	Town Board Approval	2015	High	Staff time, local budget, and grant funding
Medium	Replace Mill Creek culvert pipe on Michaels Road with a bridge.	Flooding	Both	Planning, DPW	Town Board Approval	2016	High	Staff time, local budget, grant funding

* **“Priority” and “Mitigation Action” to be carried over from the STAPLEE worksheet**
If using High/Medium/Low for project costs, define the ranges here: High from \$15,000to above \$15,000; Medium from \$3,000 to \$15,000; Low from \$0 to \$3,000.



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) VILLAGE OF EAST WASSAH

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the "Prioritization Worksheet". Now, on this page, translate from the "Prioritization Worksheets" each action and its priority rank, then fill in the remainder of the row

PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
High	① OVERVIEW HILL ROAD - SORIN WATER DIVERSION	SORIN, FORT HENRY, TOWNSON ROAD.	EXISTING HURDLE (+)	DHW	VEN	ASAP	High	Budget, GRANT
High-Medium	② MUDDOCK RD SORIN WATER CONTROL + DIVERSION	SORIN, KUNGEON ROAD	BRIDGE OVER TRUCKEE RIVER CREEK (+)	DHW	VEN	0-24RS	High-Medium	Budget, GRANT
Medium	③ WOODHART ROAD SORIN WATER CONTROL AND DIVERSION	SORIN, FORT HENRY ROAD	NEUTRAL	DHW	VEN	0-24RS	Medium	Budget
High	④ BATES WASSAH RD + TOWN GARAGE RD SORIN WATER CONTROL	POINT OF VIEW, WASSAH ROAD, RESERVING FUTURE DAMAGE, MINOR	POSSIBLY EXISTING/ FUTURE (+)	DHW	VEN	2011	Low	Budget

* "Priority" and "Mitigation Action" to be carried over from the STAPLEE worksheet
 If using High/Medium/Low for project costs, define the ranges here: High from \$ 10,000 to \$ 20,000 ; Medium from \$ 5,000 to \$ 12,000 ; Low from \$ 0 to \$ 4,000.
 12/15/10 JAMES MOORE JS (IN THIS CONTEXT)



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) _____ Town of Grafton

PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
High	Repair and restoration of 5 miles of town roads including replacement of 3" of granular item 4 material, reshaping and reestablishing the roadway surface, crown in the road, reestablishing ditches each side of the roadway. Grading/reshaping of roadway, cutting and removal of fallen trees, placement of granular top course and compaction. Work to be done on Jay Hakes and South Long Pond Road, Grafton, NY.	Flooding	Both	DPW	Town codes/ordinances	TBD Contingent upon grant funding (target date 12/31/2013)	High	Local staff time Local budget Grant
Medium	Replacement of collapsed 24" diameter x 36' length culvert. Remove collapsed metal pipe, placement of 10" of #2 washed stone bedding, placement of new HDPE culvert with backfill, placement of apron and reshaping existing ditches. Work to be done on Dunham Road, Grafton, NY12	Flooding	Both	DPW	Town codes/ordinances	TBD Contingent upon grant funding (target date 12/31/2012)	High	Local staff time Local budget Grant
Medium	Repair of elliptical bolted steel plate bridge Johnson Rd., repair bridge structure, concrete abutments and replacement of failing gabion basket earth retaining structures on the upstream and downstream side of the bridge.	Flooding	Both	DPW	Town codes/ordinances	TBD Contingent upon grant funding (target date 12/31/14)	High	Local staff time Local budget Grant

* "Priority" and "Mitigation Action" to be carried over from the STAPLEE worksheet

If using High/Medium/Low for project costs, define the ranges here: High from \$ 2,000 to \$ 2,000 upwards ; Medium from \$ 500 to \$ 2,000 ; Low from \$ 0 to \$ 500 .

IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) Town of Hoosick

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the “Prioritization Worksheet”. Now, on this page, translate from the “Prioritization Worksheets” each action and its priority rank, then fill in the remainder of the row

PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
Med	Relocate Buskirk Fire House out of the flood zone	Flooding	Both	Town Board	Town Board & Fire Dept	2015	High	Grant funding
Med	Purchase of 2 homes in flood zone. These houses would no longer flood if bought and torn down. Meet with homeowners to discuss purchase. Phase I - If interested help them fill out HMPG & PDM applications. Phase II - If not interested discuss what direction to go in.	Flooding	Both	Town Board	Town Board	2015	High	Grant funding
Med	Culvert/Drainage upgrade/replacement at various locations so that roads will no longer wash out.	Flooding	Both	Town Highway	Town Board	Ongoing	Low - Med	Local Budget Local Staff

* **“Priority” and “Mitigation Action” to be carried over from the STAPLEE worksheet**

If using High/Medium/Low for project costs, define the ranges here: High from \$20,001 to \$_____ + _____; Medium from \$5001.00 to \$20,000; Low from \$0.00 to \$5000.00.



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) Village of Hoosick Falls

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the "Prioritization Worksheet". Now, on this page, translate from the "Prioritization Worksheets" each action and its priority rank, then fill in the remainder of the row

PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
High 1	#1 Wood Brook project in the Village of Hoosick Falls is a high priority structural project to implement improvements to channels, drainage and floodwalls. Benefits in every category except social as it would be targeting one section of the community but most community members would agree it is a much needed project as the current infrastructure needs to be improved to stop flooding. The cost would be substantial as outside consultants and engineers would need to be brought in to identify the much needed improvements therefore funding would be needed to do the project.	Flooding	both	Board of Trustees Highway Department	Board of Trustees	2016	High	Grant funds
High 2	#2 Zoning and Building code improvement and updating is a high priority project for the Village of Hoosick Falls as the Village is dealing with old buildings that need to be assessed for health and safety issues. This project would be one that could identify and do a study on buildings that have been abandoned or that need to be updated or demolished by the current owner. This project would benefit the community in every category except specific legal issues that would have to be dealt with. Outside consulting would have to be brought in to help with legal guidelines and implementation of the project.	All	Existing	Building Codes Department	Code Enforcement	2016	Medium	Grant funds
High 3	#3 Grant funding to help update the public information activities in the Village. A project to build a web-site for the Village where a wide variety of information would be provided for the community. The Village is doing away with their dispatch department which has served as an informational and emergency center for the community. It is imperative that we provide the community with the ability to find out information especially in regard to potential emergency situations. This would be a great project with benefits in every category.	All	Neither	Board of Trustees	Emergency Plan	2016	Medium	Grant funds

* "Priority" and "Mitigation Action" to be carried over from the STAPLEE worksheet

If using High/Medium/Low for project costs, define the ranges here: High from \$ 1,000,000 to \$ 2,000,000 ; Medium from \$ 60,000 to \$ 100,000 ; Low from \$ to \$



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) _____ Town of Nassau

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the "Prioritization Worksheet". Now, on this page, translate from the "Prioritization Worksheets" each action and its priority rank, then fill in the remainder of the row

PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
High	Culvert/Bridge upgrades, replacements, drainage improvements to Old Mill Pond, Krouner, Clarkes Chapel, Mashodack, Fredenburg, Alps Mt., McGill, Dusenberry roads. Replace functionally or structurally obsolete large culverts/bridges.	Flooding, road closures, road washouts, land and embankment erosion	Both	Highway Dept.	Highway Department, Town Board	Funding dependent	High	Grant funding, local dollars, local staff
Medium	Ice and Windstorm. Continue to widen/cutback town road right of ways to improve/prevent road blockage due to downed trees in ice and windstorm events.	Power outages, public safety, improve sun exposure onto roadways	Both	Highway Dept.	Highway Dept.	Ongoing, in place and funding dependent	Medium	Capital project, grant funding, local staff
High	Complete Emergency Preparedness Plan of which town has a working draft plan in place and further implement disaster coordination and planning. Hold mock table top drills. Continue to educate town residents of plan and disaster relief options. Emergency Preparedness Committee in place.	Flooding, ice storms, natural disasters, tornado, lightning	Both	Town Board	Town Board	Draft in place, Final plan to be adopted 2011	Medium	Local dollars, local staff
High	New Draft Town Comprehensive plan adopted. This plan articulates the goals, objectives, policies and recommendations pertaining to governmental services and land use within the town. Encourage consistent emergency service address labeling in new and existing development.. Require the siting of new development, public services, and utilities to minimize the potential risk from man-made or natural disasters. The Federal Emergency Management Agency's (FEMA) National Flood Insurance Program(NFIP) Flood Insurance Rate Maps (FIRM) have and should continue to be made available at the Nassau Town Hall for residents' use. Regulations should be amended to require applicants for Subdivision and Site Plan approval to show mapped floodplains with submitted application materials. The Town of Nassau has and should continue to discourage inappropriate development within FEMA flood hazard areas and encourage compliance with NFIP regulations. Ensure that critical facilities are capable of operating during a man-made or natural disaster. The Town of Nassau has and should maintain an Emergency Management Plan in accordance with FEMA regulations and guidelines.	Flooding, land use, disaster preparedness and coordination	Both	Town Board	Town Board	Draft adopted. Final adoption 2011	Medium	Local dollars, local staff

* "Priority" and "Mitigation Action" to be carried over from the STAPLEE worksheet

If using High/Medium/Low for project costs, define the ranges here: High from \$ 2500 to \$ + ; Medium from \$ 1500 to \$ 2500 ; Low from \$ 1 to \$ 1500



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) _____ Village of Nassau

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the "Prioritization Worksheet". Now, on this page, translate from the "Prioritization Worksheet" each action and its priority rank, then fill in the remainder of the row

PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
1	Chatham Street (NYS Route 203) Flood Protection Project. Existing stone retaining wall has broken down, and allows an unnamed creek to go into other areas, including the ROUSE senior housing facility. In the past, floodwaters have encroached upon the housing facility's parking lot, and on one occasion the building had to be evacuated. The project will be to work with NYSDOT and ROUSE to ensure that the deteriorated retaining wall is rebuilt and undertake any necessary drainage improvements are implemented to keep the creek confined. This will also benefit emergency response, as Nassau Hose is located further north on this main route through the Village.	Flooding	Both	Village Board members to coordinate with NYSDOT and ROUSE who would ultimately undertake the project, as the Village does not have direct authority to undertake a project on this State route.	NYS DOT	2 – 3 years	Medium	Local staff time for coordination, and outside sources or grant funding for any potential project costs.
2	23 Albany Avenue (NYS Route 20) Drainage Improvement Project. Drainage from the Sutherland School on John Street pools in the yards at the base of the hill along Albany Avenue (NYS Route 23), particularly the house at 23 Albany Avenue, and on some occasions has flooded Albany Avenue itself. The project will be to work with NYSDOT, the school, and homeowner to ensure that drainage improvements are undertaken to better carry the water under Albany Avenue north to the Valatie Kill.	Flooding	Both	Village Board members to coordinate with NYSDOT (and the .D.P. Sutherland school and the home owner) who would ultimately undertake the project, as the Village does not have direct authority to undertake a project on this State route or private residence.	NYS DOT	2 years	Low	Local staff time for coordination, and outside sources or grant funding for any potential project costs.

3	<u>37 Albany Avenue (NYS Route 20) Channel Improvements.</u> The property at 37 Albany Avenue (where the Valatie Kill crosses under Albany Avenue) floods during periods of heavy rain due to the creek's lower carrying capacity as a result of siltation. Floodwaters regularly impact the property and have entered the house in the past. The project will be to undertake channel improvements on the creek in order to carry the water under Albany Avenue without backing up onto the property at 37 Albany Avenue.	Flooding	Both	Village Board members to coordinate with NYS DOT and ROUSE who would ultimately undertake the project, as the Village does not have direct authority to undertake a project on this State route or private residence.	NYS DOT	5 years	High	Local staff time for coordination, and outside sources or grant funding for any potential project costs.
4	<u>Early Warning System.</u> An early warning system will allow for rapid and efficient notification of residents in affected areas to ensure their safety and welfare.	All hazards	Both	In conjunction with Nassau Fire Protection District	Nassau Hose Co.	5 years	Low	Local budget
5	<u>Back up Generator for Water Department.</u> The Village water department has only one pump station. This supplies water to the entire village, as well as 15 outlying properties which have Village water. The project will be to install a backup generator for the pump station.	Winter storms Wind events	Both	Village Water Department	Village Water Commissioner	5 years	Low	Grant Funding

*** "Priority" and "Mitigation Action" to be carried over from the STAPLEE worksheet**

If using High/Medium/Low for project costs, define the ranges here: High from \$ 100K to \$ 250K ; Medium from \$ 50K to \$ 100K ; Low from \$ 0 to \$ 50K .



IMPLEMENTATION STRATEGY WORKSHEET

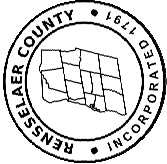
(Name of Jurisdiction) _____ Town of North Greenbush

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the "Prioritization Worksheet". Now, on this page, translate from the "Prioritization Worksheets" each action and its priority rank, then fill in the remainder of the row

PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
1 (High)	Wetlands Restoration/Flood Mitigation Location: Wynants Kill (behind Jack's) at North Greenbush and Brunswick town line Project: Create fishing area which can be regularly dredged. This will take care of silt and debris flowing down Wynants Kill.	Flooding in North Greenbush, Brunswick, Troy	Both	Highway Department and Town Board	Town Board	Up to 2 years from funding	High	Grant funding and local staff time
2 ** (High)	Storm Water Management Location: Between Douglas and Pine St. in Wynantskill Project: Replace 30 year old galvanized culvert pipe where water flows downhill into 2 catch basins and into an 18" pipe going into the Wynants Kill.	Flooding	Both	Highway Department and Town Board	Town Board	Up to 2 years from funding	High	Grant funding and local staff time
2 ** (High)	Disaster Preparedness Location: Town Hall Project: Improve disaster and storm readiness of Town Hall for Town government functioning, continuity of operations, and emergency management.	Prepare Town government for emergency management and continuity of functions	Existing	Town Board	Town Board	1 year from funding	Low	Grant funding and local staff time
3 (Medium)	Storm Water Management Location: Red Oak Lane and Miller Rd. in Defreestville Project: Existing 36" aluminum pipe is okay, but construction upstream at East Greenbush water towers has resulted in forcing more water downhill which floods homes built many years ago in flood plain. The water then flows into a 30" pipe and across Rt. 4, flooding it, and then into the Quackenderry Creek and Rensselaer. Need to mitigate water flow from above.	Flooding	Both	Highway Department and Town Board	Town Board	2 years from funding	Medium	Grant funding and local staff time
4 (Medium)	Storm Water Management Location: Snyder's Lake Project: Remove silt from the lake which is being filled with sediment that creates drainage problems affecting downstream.	Flooding and preservation of natural resource	Both	Highway Department and Town Board	Town Board	Contingent on receipt of grant	Medium	Grant funding and local staff time

* "Priority" and "Mitigation Action" to be carried over from the STAPLEE worksheet
If using High/Medium/Low for project costs, define the ranges here: High from \$ 1,000,000 to \$ 5,000,000 ; Medium from \$ 100,000 to \$ 999,000 ; Low from \$ 0 to \$ 99,000

** The two #2's are assigned as such because the Town feels that they are of equal importance.



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) _____Town of Petersburg

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the “Prioritization Worksheet”. Now, on this page, translate from the “Prioritization Worksheets” each action and its priority rank, then fill in the remainder of the

row

PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
Medium	Replace bridge over Little Hoosick River at Broken Wheel Road. Bridge is due to be replaced, will prevent further deterioration to bridge and road	Flooding, damage to road	Existing structure	Highway Dept.	Local Laws/regulations require Building Inspector/Highway Dept. to ensure the safety and functionality of Town highways, roads, bridges, streets, crosswalks and culverts	TBD-Contingent on obtaining grant funding	High	Grant funding
Medium	Reconstruct Prosser Hollow Road (2 mile gravel Road bed). Road is a constant work-in-progress, Highway Department has spent a lot of time on repair. Condition of road continues to deteriorate due to washouts, etc., and a reconstruction would eliminate the need for time consuming repairs.	Flooding, deterioration of road bed	Existing road	Highway Dept.	Local Laws/regulations require Building Inspector/Highway Dept. to ensure the safety and functionality of Town highways, roads, bridges, streets, crosswalks and culverts	TBD-Contingent on obtaining grant funding	High	Grant funding

* “Priority” and “Mitigation Action” to be carried over from the STAPLEE worksheet

If using High/Medium/Low for project costs, define the ranges here: High from \$ _____ 10,000 _____ to \$ _____ 50,000 _____; Medium from \$ _____ to \$ _____; Low from \$ _____ to \$ _____.



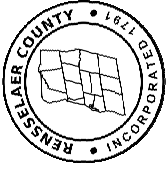
IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) _____ Town of
Pittstown

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the "Prioritization Worksheet". Now, on this page, translate from the "Prioritization Worksheets" each action and its priority rank, then fill in the remainder of the row

PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
High	Culvert upgrade/drainage improvement to Brundige Rd, Herrington Rd, North Pole, Sproat Rd, Village of Valley Falls, Village of Johnsonville Replacng exsisting culverts,adding additional culverts,road widening	Flooding land erosion, road washouts	Both	Highway	Town board	Depends on available funding	High	Local staff, local budget, grant fundign
High	Adopt a steep slope ordinance to regulate development	Landslide ,erosion	Future	Town board	Zoning /planning	2 years	Low	Local budget
high	Implement hillside & steep slope development regulation for higher risk areas	Erosion, landslide	Future structures	Town board	Zoning/planning	2 years	Low	Local staff
med	Ice and windstorm –resistant tress and landscaping practices to reduce tree related hazards	Power outages, loss of sunlight on roads	Both	Town board	Code enforcer/newsletter/ website	2 years	Low	Local staff
High	Implement public awareness and education for all possible hazards that apply to Pittstown residents	Flooding ,ice storm damage ,landslides ,lightning strikes, enable public to prepare and respond and recover from disasters	Both	Town board	Town board, newsletter ,website	2 years	Low	Local staff, local budget

* **"Priority" and "Mitigation Action" to be carried over from the STAPLEE worksheet**
If using High/Medium/Low for project costs, define the ranges here: High from \$ _10,000_ to \$ _+____; Medium from \$ _2500_ to \$ _10,000_ ; Low from \$ _1_ to \$ _2500_.



IMPLEMENTATION STRATEGY WORKSHEET

Town of Poestenkill
(Name of Jurisdiction)

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the “Prioritization Worksheet”. Now, on this page, translate from the “Prioritization Worksheets” each action and its priority rank, then fill in the remainder of the

[illegible]

* **“Priority” and “Mitigation Action” to be carried over from the STAPLEE worksheet**

If using High/Medium/Low for project costs, define the ranges here: High from \$_____ to \$_____; Medium from \$_____ to \$_____; Low from \$_____ to \$_____.



IMPLEMENTATION STRATEGY WORKSHEET

City of Rensselaer

(Name of Jurisdiction)

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the "Prioritization Worksheet". Now, on this page, translate from the "Prioritization Worksheets" each action and its priority rank, then fill in the remainder of the row

PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
High	Replace 17,000' of water main and appurtenances and 52000' of sanitary sewer main and storm drain and eliminate a CSO on Washington Avenue and Farley Dr. to improve currently restricted fire protection flows and thus improve firefighting ability and limit spread of fires.	Wildfires and flooding	Both	Common Council/Planning	Capital Improvement Plan	Phased project to be completed in 2-3 years	\$8 million	EPF grant, CWSRP and DWSRP financing, city match
High	Reconstruction of Partition Street infrastructure to replace deteriorating combined sewer lines with total separation of storm and sanitary sewer. This will address potential flooding in wet weather due to deteriorated and overtaxed clay combined sewer system.	Flooding	Both	Planning/DPW	Capital Improvement Plan	2-3 years	\$1.6 million	Grant funding, city match
Medium	Study the feasibility of developing a stormwater detention area on the upper Quackenderry Creek to prevent pressure. (Implementation may involve cooperation with the Town of North Greenbush if a detention area is identified that crossed municipal boundaries.)	Flooding	Neither	Planning	Common Council resolution	2 years for planning, (10 years for implementation)	Low (planning) High (implementation)	Grant funding, city match
High	Implement plan (currently under development) to mitigate potential flood damage to residential properties in a two block area that share a common rear property line at the Quackenderry Creek. Depending on the results of the planning study, this project many include property acquisition, creek bank stabilization, drainage, and enforcement.	Flooding	Both	Planning and DPW	CIP/	2-10 years, depending on scale of preferred alternative	Medium to high	Grant funding, city match
High	Develop a plan to improve enforcement of ATV use and illegal dumping in the Hollow, both of which destabilize the steep slopes and increase the risk of landslide	Landslide	Both	Police/DPW/Code Enforcement	City Code Enforcement	2 years	Low	City funds, staff time and grant funding

Medium	Develop a long-range plan to address landslide issues associated with flow through an intermittent stream between Valley View and Falcon Chase. Likely components of the plan would be to extend the drainage system to relieve flooding of the stream, embankment stabilization and a designated	Landslide	Neither	Planning	Common Council resolution	5+ years	Low	Grant funding, city match
Low-Medium	Mill Creek flooding prevention – design and construction of a structural element to slow down water as it leaves the falls which would eliminate flooding on Second Avenue.	Flooding	Both	Planning/DPW	Capital Improvement Plan	5-10 years	Medium-High (\$500K to \$1 million)	City and/or grants funds
Medium	Development and implementation of a public awareness/education campaign to encourage hazard preparedness. Elements will include at least information posted on the city website and made available in public places such as city hall and the library.	All	Neither	Planning Dept.	NA	1 year	Low	Staff time

* **“Priority” and “Mitigation Action” to be carried over from the STAPLEE worksheet**

If using High/Medium/Low for project costs, define the ranges here: High from \$500,000 to \$10,000,000; Medium from \$100,000 to \$499,999; Low from \$0 to \$99,999.



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) SAND LAKE

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PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
High 1	UPDATING FLOOD PLAIN MAPS Submit request to FEMA to update the existing floodplain maps, which date back to 1980 (much development has occurred since that time).	FLOODING	YES (BOTH)	BUILDING AND PLANNING	BUILDING WITH FEMA'S ASSISTANCE	2012	LOW	GRANTS
High 2	DRAINING WYANTSKILL CREEK (5-7 miles) and bridgework to reduce losses due to flooding in floodplain areas.	FLOODING	BOTH	HIGHWAY AND BUILDING	D.E.C. AND HIGHWAY DEPT	2015	moderate	GRANTS
Medium 4	REPAIR DAMS TO REDUCE LOSSES Reduce losses due to dam failure by investigating sources of funding to assist private dam owners to complete required repairs/maintenance. (#9.B)	FLOODING Dam failure	BOTH	HIGHWAY	DEC AND HIGHWAY DEPT	2015	HIGH	GRANTS LOCAL BUDGET
High 3	REDUCE LOSSES DUE TO SLOW AND ICE STORMS by implementing ice and windstorm-resistant trees and landscaping practices to reduce tree related hazards.	winter storms high winds	BOTH	HIGHWAY	HIGHWAY DEPT	2015	moderate	GRANTS LOCAL BUDGET

* "Priority" and "Mitigation Action" to be carried over from the STAPLEE worksheet
If using High/Medium/Low for project costs, define the ranges here: High from \$50,000 to \$1,000,000 ; Medium from \$ 5,000 to \$ 500,000 ; Low from \$ 0 to \$ 5,000

VERIFIED BY AEF VIA USMARS 12/6/10



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) _____ Town of Schaghticoke - Page 1 of 3

Before completing this form, your jurisdiction should already have considered the full range of possible mitigation actions set forth in the Risk Assessment Interim Deliverable, selected a subset of the actions that your jurisdiction would like to implement, AND filled out the "Prioritization Worksheet". Now, on this page, translate from the "Prioritization Worksheets" each action and its priority rank, then fill in the remainder of the row

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high	Explore the need for hazard zoning, high-risk hazard land use ordinances.	Promote disaster resistant development	both	Town Supervisor	Town Planning Board	12-31-11	low	Local staff time, local budget
high	Provide training for inspection and enforcement of adopted codes and ordinances.	Build and support local capacity to enable the public to prepare for, respond to and recover from disasters	both	Town Supervisor	Building Inspector and Code Enforcement Officer	Yearly or as needed	medium	Local staff time, local budget
high	Publish information through the newsletter about water conservation techniques and drought management strategies.	Reduce possibility of damage and losses due to drought	neither	Town Supervisor	Can be implemented through the town newsletter in the Supervisors notes and posted on the website	12-31-11	low	Local staff time, local budget
medium	Investigate joining the NFIP Community Rating System, under which communities implementing actions that go beyond the specified NFIP minimum are eligible for discounted flood insurance premiums. Joining will depend on actions that would need to be taken and costs associated with it. Update 1987 Flood Plain Ordinance	Reduce possibility of damage and losses due to flooding	both	Town Supervisor	Can be implemented through the Town Supervisor	12-31-11	medium	Local staff time, local budget
high	Continue to implement steep slope development regulations.	Reduce the possibility of damage and losses due to earthquakes	both	Town Supervisor	Planning Board	12-31-11	medium	Local staff time, local budget

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IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) _____ Town of Schaghticoke - Page 2 of 3

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PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
high	Implement hillside and steep slope development regulations	Reduce the possibility of damage and losses due to landslides	both	Town Supervisor	Town Planning Board	12-31-11	medium	Local staff, local budget
high	Continue to use the National Fire Protection Association (NFPA) – 780 Standard for the Installation of Lightning Protection Systems	Reduce the possibility of damage and losses due to lightning strikes	new	Town Supervisor	Town Building Inspector	12-31-11	low	Local staff, local budget
low	Implement restrictions for new development in dam failure areas	Reduce the possibility of damages and losses due to dam failures	both	Town Supervisor	Town Building Inspector, Town Code Enforcement Officer	12-31-11	medium	Local staff, local budget
low	Implement hillside and steep slope development regulations to help reduce possibility of losses due to wildfires.	Implement hillside and steep slope development regulations	new	Town Supervisor	Town Planning Board	12-31-11	medium	Local staff, local budget
medium	Advise residents of the importance of good tree trimming/landscape practices to help reduce tree related hazards	Reduce the possibility of losses due to winter storms	both	Town Supervisor	Can be implemented using the town newsletter and website as vehicle to pass on information	12-31-11	low	Local staff, local budget

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IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) _____ Town of Schaghticoke _____ Page 3 of 3

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medium	Reduce the possibility of damage and losses due to tornadoes and high winds by adopting an ordinance to require hurricane clips on new construction	Reduce the possibility of damage and losses due to tornadoes and high winds	new	Town Supervisor	Building Inspector	12-31-11	medium	Local staff, local budget
low	Conduct a study to determine the year built and level of protection (flood, wind) for each emergency facility.	Reduce the possibility of damages to emergency and critical facilities from flooding, wildfires and extreme wind.	both	Town Supervisor	Action of the town board	12-31-15	high	Grant funding
low	Develop and distribute outreach tools for homeowners and building permit applicants on protection of structures against cold weather damage and proper maintenance of heating/cooling systems.	Reduce the possibility of damage and losses due to extreme temperatures	both	Town Supervisor	Action of Town Board	12-31-15	high	Grant funding

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IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) Village of Schuylkill County

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1 - Landslide Prevention - Pleasant Ave - Water Tower Location HIGH	Replacement of Village water infrastructure including new water tower and delivery system	Landslide Prevention, Preventing Loss of Water Service, health and safety	both	Village Board	Water Study and plans for a new systems are already in place	Unknown due to funding issues	high	Grant Funding
2 - Lightening - All village owned Municipal buildings & properties HIGH	Employee consultant, review recommendations, determine feasibility, follow and complete necessary actions	Fires, Loss of services, loss of equipment	both	Village Board	Village Board	Unknown	high	Local budget
3 - Landslide Prevention - Rte 40 between Pleasant Ave & 5 th Street MEDIUM	Employee consultant, review recommendations, determine feasibility, follow and complete necessary actions	Landslide, Loss of services, health and safety	both	Village Board	Village Board	Unknown	high	Local budget
4 - Landslide Prevention - School St between Rte 40 and Oak St MEDIUM	Employee consultant, review recommendations, determine feasibility, follow and complete necessary actions	Landslide, Loss of services, health and safety	both	Village Board	Village Board	Unknown	high	Local budget
5 - Landslide Prevention - Upper East St. between 4 th and 5 th Streets LOW	Employee consultant, review recommendations, determine feasibility, follow and complete necessary actions	Landslide, Loss of services, health and safety	both	Village Board	Village Board	Unknown	high	Local budget

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IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) Town of Schodack

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#1 High	Clove Road Bridge Raise road and install relief culverts to eliminate road flooding	/road Flooding /Emergency service response	Both Neither	Highway Dept.	Highway Dept With Engineering assistance	August 2012	Low	Grant Funding Town funds if available
#2 Med	Clove Road Sloughing Drive pile sheeting to stabilize bank	Potential Landslide	Neither	Highway Dept	Highway Dept. With Engineering assistance	August 2013	High	Grant Funding Town funds if available
#3 Med	Western Road Sloughing Drive pile sheeting to stabilize bank	Potential Landslide Emergency Service Response	Neither	Highway Dept.	Highway Dept. With Engineering Assistance	August 2014	High	Grant Funding Town Funds if Available.

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If using High/Medium/Low for project costs, define the ranges here: High from \$400K_ to \$ one m, Medium from \$200K to \$ 399K, Low from \$ 50K_ to \$ 199K.



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) _____ of _____, Town of _____

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PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
High	Bridge repairs and upgrades to mitigate the need for closing bridges during flooding or ice jams. Specific locations include: Gould Road over Kinderhook Creek; Berthager Road over Kinderhook Creek; Madden Road over East Creek; Grange Hall Road over West Brook; Black River Road over Black River; and Newton Road over Black River. This will ensure that accessibility is maintained to affected parts of community for basic services.	Flooding, Ice Jams, Hurricane/Tropical Storms, Winter Storms	Existing structures	Highway Dept.	Highway law	2016	\$1.5 million	Federal, state and local
Medium	Mitigation of stream flooding to prevent road closings because of washout. Project is located at Gould Road. Road washes away whenever there is high water (spring, summer, fall). The project involves cleaning of Kinderhook Creek, raising the road, and installing drainage.	Flooding, Ice Jams, Hurricane/Tropical Storms, Winter Storms	Existing roads	Highway Dept. & NYSDEC	NYSDEC would be authority on this project	2011	\$100,000	Local, state, federal
Medium	Improvement of drainage on specified roads and surrounding areas to improve water flow during high rainfall and eliminate washouts. Locations include: Tom Titus Road, North Moore Hill Road, Provost Road and Gentile Road.	Flooding, Ice Jams, Hurricane/Tropical Storms, Winter Storms	Existing roads	Highway Dept.	Local Town law	2014	\$250,000	Local & state; some federal
Medium	Install emergency generator at town highway garage and town hall. Generators will ensure the ability to pump fuel, service emergency equipment, and communicate in disaster situations.	All hazards	Existing and future structures	Town Board	Town law	2012	\$75,000	Grants, state and federal. Possibly NYSERDA
Low	Update local land use plan to include new international codes for building and code enforcement and prevent new construction in potentially hazardous areas.	All hazards	Future	Code Enforcement	Local Law #2 and #3 of 1991	2013	\$25,000	Local

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City of Troy Critical Infrastructure Mitigation

Russ Reeves CEng., P.E. City Engineer 518-279-7173
William Chamberlin Director of Operations 518-279-7161

City of Troy Implementation Strategy Worksheet
Rensselaer County

Priority	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the estimated approximate target date for project completion?	What is the estimated cost of the project?(order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
1	The City of Troy's 911 System: Relocate the reinforced concrete vault and telephone cables of the 911 call system situated along main street in South Troy, east of the Rensselaer County Jail to above ground secure facility.	This area of the 911 underground vault is subject to flooding. Rensselaer County and City of Troy forces responded to several flood conditions in 2010 that left the 911 call system at risk for flooding and possible disruption of service.	The proposed action will positively affect the existing underground structure by re-locating the facility above ground in a secure structure out of the 100 year floodplain. Provide CCTV remote video surveillance.	The City of Troy Engineering Department and Rensselaer County Emergency Management	The City of Troy Engineering Department and Rensselaer County Emergency Management	Fall 2012	\$0.5 Million High Priority	Homeland Security
2	Transmission pipelines: Repair/Replacement, protection and surveillance of two 30" diameter cast iron transmission mains that extend from the Tomhannock Reservoir to the water plant.	The City processes 20 MGD and provides water to numerous municipalities. This mitigation will ensure security and continuous operation of the water supply.	The proposed action will ensure the proper functioning and integrity of the main transmission lines.	DPU	DPU/City of Troy	Fall 2015	\$2.5 Million High Priority	Homeland Security, EPA, and EPF
3	Water Storage Tanks: Provide CCTV with DVD remote video surveillance of three water storage tanks. Monitoring shall be provided at the water plant operations console.	The video surveillance will provide continuous monitoring of three water storage tanks as part of The City's critical infrastructure.	The proposed action will ensure the integrity of The City's critical infrastructure.	DPU	DPU/City of Troy	Fall 2014	\$0.3 Million Medium Priority	Homeland Security
4	Tomhannock Reservoir: Water Supply Protection, provide security fencing at accessible areas. Provide CCTV with DVD remote video surveillance with monitoring at the water plant.	Reduce/Prevent tampering with the Tomhannock Reservoir and remote chlorination building.	Action will prevent tampering with intake structure, spillway area and chlorination building.	Department of Public Utilities (DPU)	DPU/City of Troy personnel	Fall 2014	\$0.5 Million High Priority	Homeland Security
5	City of Troy High Hazard Dams: Inspection and Mitigation of three high hazard dams: Tomhannock Reservoir Dam, Wright and Bradley Lake Dams.	These three dams are high hazard dams. A breach or failure in the Tomhannock Reservoir will affect the region's water supply. A breach of failure in the Wright or Bradley Lake dam will inundate and flood North Troy.	The proposed action will protect both existing and future structures (estimated 1000 residential and commercial existing buildings)	Engineering Department and DPU	Engineering/DPU	Fall 2013	\$1.2 Million High Priority	Homeland Security, EPF and EPA

Received via Kelly Peabody - 9/20/11

Priority	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project?(order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
6	Landslides in slope stability prone areas: Provide slope stability mitigation and monitoring to critical landslide areas in The City of Troy including steep embankments along Spring Avenue, Thompson Street and the areas of Stow, Brickyard Road and Old Mill Street.	There are several landslide prone areas that can be monitored and in some instances mitigated as preventative measures.	The proposed monitoring and mitigation will preserve existing structures and critical City infrastructure (electrical power, gas, communications and water and sewer)	Engineering Department and DPU	Engineering/DPU Rensselaer County Planning	Fall 2015	\$2.8 Million Medium Priority	State and Federal Mitigation Funds to be determined
7	The City of Troy Bulkhead Wall (Seawall) along the Hudson River: The City of Troy owns approximately 1.5 miles of seawall in varying states of deterioration. Mitigation is required that includes driving PZ 32 sheet pile with whalers and dead men shall be driven at various locations to ensure and maintain the structural integrity of the existing seawall. A reinforced concrete cap shall be placed on top of the wall section. (est. length 2000 feet)	This mitigation will address potential breaches in the seawall during periods of high weather flows, i.e. 100 year storm events, ice floes and displacement due to undermining and erosive damage thus protecting adjacent structures and the main 5ft diameter sanitary interceptor line.	This action will protect adjacent structures and the sanitary transmission line.	Engineering Department and DPU	Engineering/DPU	Fall 2015	\$4.0 Million Medium Priority	State and Federal Mitigation Funds to be Determined
8	Natural Gas Transmission and Distribution Lines: The City of Troy has a network of existing cast iron transmission and distribution gas lines that are corroded and need to be replaced. Some date back approximately 120-130 years. This includes replacement of services and valving.	This action will address potential explosive conditions due to natural gas hazards.	This action will protect existing structures and critical infrastructure.	National Grid working with City of Troy Engineering	City of Troy Engineering	Fall 2014	Funded by National Grid High Priority	Funded by National Grid
9	Underground Propane Storage Facility: John Ray & Son 30,000 Gallon underground storage facility along with associated venting and leak detection. Citywide practice drills in conjunction with Rensselaer County Hazmat.	Practice drills will be conducted inter-departmentally and with the county.	Practice drills will be coordinated throughout the year for public safety.	Troy Fire Department	Troy Fire Department and Troy Engineering and Code Enforcement	Fall 2011	\$20,000 High Priority	Homeland Security
10	Hazardous Material Transport Along Hoosick Street (NYS Route 7): Numerous tractor trailers carrying hazardous material access Hoosick Street on a daily basis. This mitigation task will involve pre-planning and practice drills in the event of a hazardous material spill.	Pre-planning and practice drills shall be conducted inter-departmentally and with the county for coordination and to address a potential spill disaster.	Practice drills will be conducted throughout the year for public safety.	Troy Fire Department	Troy Fire Department, Police Department, Director of Operations and Troy Engineering and Code Enforcement	Fall 2011	\$30,000 High Priority	Homeland Security



IMPLEMENTATION STRATEGY WORKSHEET

(Name of Jurisdiction) _____ Village of Valley Falls

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PRIORITY*	Mitigation Action *	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	What municipal department will take the lead on moving forward with the project?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the approximate target date for project completion?	What is the estimated cost of the project? (order of magnitude dollars, or qualitative high/med/low)	What funding source do you anticipate? (i.e., local staff time, local budget, grant funding, etc.)
High	#1 Update floodplain management ordinance to enable the Village to better control land use in floodplain areas.	Flooding	Both	Legislative body	Floodplain management ordinance	2011	Low	Local staff time
Low	Work with Rensselaer County IDA to have plan for flood damage at hydroelectric site at dam.	Flooding	Existing	Code enforcement	None	Ongoing	Low	Local staff time
High	Work with DEC to complete cleanup and removal of hazardous waste site at site of destroyed mill. This will reduce the possibility for debris entering the river during flood conditions, and associated debris impact and asbestos contamination issues downstream.	Flooding	Existing	Code enforcement Legislative body	Code enforcement	2-3 years	High	Grants

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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Participation and Involvement from Each Municipality

(Name of Jurisdiction)

Rensselaer County

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Lead Party Responsible for Ensuring Implementation	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	RCBPS lead with direct participation and involvement from Municipal Agencies	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	RCBPS (with support from County Planning) and Municipal Agencies	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
Medium	Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	RCBPS (with support from County Planning) and Municipal Agencies	Existing local codes and ordinances	Ongoing	Low	Staff time/ Local Budget
High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department (prevention)	All hazards	Both	County Planning (with support from RCBPS) and Municipal Agencies	CEMP, Hazard Mitigation Plan	Ongoing	Low	County Budget, Local Staff Time
Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	County Planning (with support from RCBPS) and Municipal Agencies	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

¹ The County cost structure is as follows: Low cost = less than \$50,000; Medium = \$50,001-\$200,000; High = \$200,001 and above



IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Participation and Involvement from Each Municipality

(Name of Jurisdiction) Berlin, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project?	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
Medium	Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff time/ Local Budget
High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department (prevention)	All hazards	Both	CPG Member Town Supervisor	CEMP, Hazard Mitigation Plan	Ongoing	Low	County Budget, Local Staff Time
Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

¹ The County cost structure is as follows: Low cost = less than \$50,000; Medium = \$50,001-\$200,000; High = \$200,001 and above



IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Brunswick, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project?	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
Medium	Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff time/ Local Budget
High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department (prevention)	All hazards	Both	CPG Member Town Supervisor	CEMP, Hazard Mitigation Plan	Ongoing	Low	County Budget, Local Staff Time
Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

¹ The County cost structure is as follows: Low cost = less than \$50,000; Medium = \$50,001-\$200,000; High = \$200,001 and above



IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Castleton-on-Hudson, Village of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project?	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Village Trustee	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Village Trustee	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
Medium	Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Village Trustee	Existing local codes and ordinances	Ongoing	Low	Staff time/ Local Budget
High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department (prevention)	All hazards	Both	CPG Member Village Trustee	CEMP, Hazard Mitigation Plan	Ongoing	Low	County Budget, Local Staff Time
Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Village Trustee	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) East Greenbush, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
Medium	Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff time/ Local Budget
High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department (prevention)	All hazards	Both	CPG Member Town Supervisor	CEMP, Hazard Mitigation Plan	Ongoing	Low	County Budget, Local Staff Time
Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) East Nassau, Village of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project?	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Village Trustee	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Village Trustee	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
Medium	Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Village Trustee	Existing local codes and ordinances	Ongoing	Low	Staff time/ Local Budget
High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department (prevention)	All hazards	Both	CPG Member Village Trustee	CEMP, Hazard Mitigation Plan	Ongoing	Low	County Budget, Local Staff Time
Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Village Trustee	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Grafton, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
Medium	Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff time/ Local Budget
High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department (prevention)	All hazards	Both	CPG Member Town Supervisor	CEMP, Hazard Mitigation Plan	Ongoing	Low	County Budget, Local Staff Time
Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Hoosick, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Hoosick Falls, Village of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project?	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Village Trustee	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Village Trustee	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
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High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department (prevention)	All hazards	Both	CPG Member Village Trustee	CEMP, Hazard Mitigation Plan	Ongoing	Low	County Budget, Local Staff Time
Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Village Trustee	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Nassau, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project?	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
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Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Nassau, Village of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project?	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Village Trustee	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
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Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Village Trustee	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) North Greenbush, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
Medium	Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff time/ Local Budget
High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department (prevention)	All hazards	Both	CPG Member Town Supervisor	CEMP, Hazard Mitigation Plan	Ongoing	Low	County Budget, Local Staff Time
Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

¹ The County cost structure is as follows: Low cost = less than \$50,000; Medium = \$50,001-\$200,000; High = \$200,001 and above



IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Petersburgh, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project?	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
Medium	Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff time/ Local Budget
High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department (prevention)	All hazards	Both	CPG Member Town Supervisor	CEMP, Hazard Mitigation Plan	Ongoing	Low	County Budget, Local Staff Time
Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Pittstown, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
Medium	Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff time/ Local Budget
High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department (prevention)	All hazards	Both	CPG Member Town Supervisor	CEMP, Hazard Mitigation Plan	Ongoing	Low	County Budget, Local Staff Time
Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Poestenkill, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
High	Public awareness program on Hazards, Prevention, and Mitigation: County will maintain a hazard mitigation and mitigation planning web presence (local municipal web sites to link up to this site, if they haven't already done so); all participating jurisdictions to support preparation of a joint annual hazard mitigation and mitigation planning fact sheet and its distribution; periodic discussion of hazard mitigation and the mitigation plan at other regular local meetings; use of annual flyers, newsletters, advertisements, or radio/tv announcements, etc. at the discretion of each jurisdiction (incorporating as much free information as possible from the FEMA Publications Warehouse and other appropriate sources). (public education)	All hazards	Neither - The education itself doesn't directly apply to either existing or new structures, but any subsequent activities undertaken by those educated could impact both existing and new structures as well as other types of assets such as the population itself	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	Staff Time / Local Budget
Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
Medium	Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff time/ Local Budget
High	Ensure that local comprehensive plans incorporate natural disaster mitigation techniques through a courtesy review of draft plans by the County Planning Department (prevention)	All hazards	Both	CPG Member Town Supervisor	CEMP, Hazard Mitigation Plan	Ongoing	Low	County Budget, Local Staff Time
Low	Hold periodic workshops for municipalities regarding zoning and planning issues that arise regarding natural hazards and hazard mitigation. (prevention)	All hazards	Both	CPG Member Town Supervisor	NA – aligns with overall department missions/functions	Ongoing	Low	County Budget, Local Staff Time

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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Rensselaer, City of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
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Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Mayor	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Sand Lake, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Schaghticoke, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
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Medium	Code enforcement: Enforcement of NYS and Local Building Codes with Continual CEO training. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff time/ Local Budget
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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Schaghticoke, Village of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
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Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Village Trustee	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Schodack, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project?	What funding source do you anticipate?
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Medium	Code update: Review existing local codes and ordinances against the identified hazards to determine whether there need to be any amendments to address identified hazards and, where a need is identified, modify/amend the codes/ordinances as applicable. (prevention)	All hazards	Primarily applies to new structures (though would also apply to improvements made to existing structures in some circumstances)	CPG Member Town Supervisor	Existing local codes and ordinances	Ongoing	Low	Staff Time/ Local Budget
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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Stephentown, Town of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Troy, City of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project? ¹	What funding source do you anticipate?
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IMPLEMENTATION STRATEGY WORKSHEET
County-Led Action Items with Direct Municipal Involvement

(Name of Jurisdiction) Valley Falls, Village of

PRIORITY	Mitigation Action	Please list the hazards that the action will address.	Please say whether the action will affect existing structures, future structures, both or neither?	Which municipal representative will liaise / coordinate with the County to ensure municipal involvement?	What is the existing authority or local planning mechanism through which the action can be implemented?	What is the target date for project completion?	What is the estimated cost of the project?	What funding source do you anticipate?
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