

SECTION 3: PLANNING PROCESS

INTRODUCTION

This section includes a description of the planning process used to develop the Cayuga County Multi-Jurisdictional All-Hazard Mitigation Plan, including how it was prepared, who was involved in the process, and how the public was involved.

To ensure that the Plan met the requirements of the DMA 2000, an approach to the planning process and plan documentation was developed to achieve the following two goals:

1. The Plan will be multi-jurisdictional and consider natural hazards facing Cayuga County, thereby satisfying the natural hazards mitigation planning requirements specified in DMA 2000. Cayuga County invited all municipalities in Cayuga County to join with them in the preparation of a Cayuga County Multi-Jurisdictional All-Hazard Mitigation Plan. Cayuga County and all its municipalities (with the exception of the Town of Cato) are participating in the Plan as indicated in Table 3-1 below.

Table 3-1. Participating Cayuga County Jurisdictions

Jurisdictions		
City of Auburn	Town of Ira	Town of Scipio
Town of Aurelius	Town of Ledyard	Town of Sempronius
Village of Aurora	Town of Locke	Town of Sennett
Town of Brutus	Town of Mentz	Town of Springport
Town of Cato*	Village of Meridian	Town of Sterling
Village of Cato	Town of Montezuma	Town of Summerhill
Village of Cayuga	Town of Moravia	Town of Throop
Town of Conquest	Village of Moravia	Village of Union Springs
Village of Fair Haven	Town of Niles	Town of Venice
Town of Fleming	Town of Owasco	Town of Victory
Town of Genoa	Village of Port Byron	Village of Weedsport

*Town has unofficially indicated that it will not be participating in the plan.

The Cayuga County Multi-Jurisdictional All-Hazard Mitigation Plan (HMP) was written using the best available information obtained from a wide variety of sources. Throughout Plan development, a concerted effort was made to gather information from municipal and regional agencies and staff as well as stakeholders, federal and state agencies, and the residents of Cayuga County. The HMP Planning Committee solicited information from local agencies and individuals with specific knowledge of certain natural hazards and past historical events. In addition, the Committee took into consideration planning and zoning codes, ordinances, and other recent planning decisions. The hazard mitigation strategies identified in this Plan have been developed through an extensive planning process involving local, county and regional agencies, County residents, and stakeholders.

2. The Plan was developed following the process outlined by DMA 2000, FEMA regulations, and FEMA and NYSOEM guidance. Cayuga County elected to follow this process to ensure that the plan would be developed to meet all the requirements to support Plan review.

This section of the Plan describes the mitigation planning process, including (1) Preparing to Plan; (2) Planning Partnership – Organization and Activity; (3) Stakeholder and Public Outreach and Involvement; (4) Coordination with Existing Mitigation Efforts and Programs; (5) Integration of Existing Data, Plans, and Information; and (6) Continued Public and Stakeholder Involvement.

HAZARD MITIGATION IN CAYUGA COUNTY – PREPARING TO PLAN

Many parties supported preparation of this plan, including the Steering Committee, Planning Committee, and other stakeholders. This planning process does not represent the start of hazard risk management in Cayuga County; rather it is part of an ongoing process that various State, County and local agencies, and individuals have continued to embrace.

- Various regional, county and local agencies and governments have been involved in natural hazard risk assessment, mitigation planning and project activities, prior to and/or unrelated to the current planning effort. Such activities provide a strong foundation for subsequent efforts, and an awareness and understanding of the need for and benefits of mitigation planning across a broad range of regional, county and local governments and stakeholders. Several examples of such activities are presented here.
- All jurisdictions in Cayuga County participate in the National Flood Insurance Program, and manage their floodplains according to the requirements of participation in that program.

PLANNING PARTNERSHIP - ORGANIZATION AND ACTIVITY

This section of the Plan identifies how the planning process was organized with the many “planning partners” involved, and outlines the major activities that were conducted in the development of this Plan.

Organization of Planning Partnership

Recognizing the need to manage natural risk within Cayuga County, and to meet the requirements of the DMA 2000, the Cayuga County Legislature assigned the Cayuga County Emergency Management Department with the responsibilities of managing a natural hazards mitigation plan project.

On November 10, 2011 FEMA notified NYSOEM that Cayuga County’s application for a planning grant to create a county-wide Multi-Jurisdictional All-Hazard Mitigation Plan under FEMA’s Hazard Mitigation Grant Program (HMGP 1857) was approved. On May 1, 2012 the Cayuga County Legislature signed the State of NY Multi-Year Funding Agreement for the grant funding. Through an open bid process, Cayuga County selected a contract planning consultant (Tetra Tech Inc. –Morris Plains, NJ). A contract between Tetra Tech Inc. (Tetra Tech) and Cayuga County was executed on July 18, 2012. Specifically Tetra Tech, the “contract consultant,” was tasked with:

- Working with Cayuga County’s Hazard Mitigation Committee and their partners to identify mitigation actions (Projects) for which Cayuga County and partners may seek grant funding,
- Recommending actions to ensure County and participating partners are in good standing and demonstrate continued compliance with National Flood Insurance Program (NFIP) regulations, including local floodplain ordinances and permitting requirements, and

- Preparing a FEMA approved All-Hazards Mitigation Plan for Cayuga County.

In support of these tasks, the consultant scope included:

- Assistance with the development and implementation of a public and stakeholder outreach program
- Data collection
- Facilitation and attendance at meetings (Planning committee, stakeholder, public and other)
- Outreach to other various outside groups, facilities, and agencies as outlined in Cayuga County's original Request for Proposals for information vital to risk identification and mitigation strategies
- Review of hazards of concern, and preparation of hazard profiling and risk assessment
- Assistance with the development of mitigation planning goals and objectives
- Assistance with the prioritization of mitigation actions
- Authoring of the Draft and Final Plan documents

To facilitate plan development, with support from their contract consultant, Cayuga County developed a Steering Committee to provide guidance and direction to the planning effort, and to ensure the resulting document will be embraced both politically and by the constituency within the planning area.

The Steering Committee was charged with:

- Providing guidance and oversight of the planning process on behalf of the general planning partnership;
- Attending and participating in Steering Committee meetings;
- Assisting with the development and completion of certain planning elements, including:
 - Identification of "Hazards of Concern,"
 - Public and Stakeholder Outreach,
 - Mitigation Planning Goals and Objectives,
 - Identification and screening of appropriate mitigation strategies and activities; and
- Reviewing and commenting on plan documents prior to submission to NYSOEM and FEMA.

The Steering Committee provided guidance and leadership, oversight of the planning process, and acted as the point of contact for all participating jurisdictions and the various interest groups in the planning area. The makeup of this committee was selected to provide the best possible cross section of views to enhance the planning effort and to help build support for hazard mitigation.

Prior to the general project Kick-off meeting, a more limited working group was assembled to initiate the planning process and assist with overall project administration, including the formation of the full Steering Committee. This group included the co-chairs as well as county representatives from the Cayuga County Department of Planning and Economic Development and Office of Emergency Management. The Steering Committee was comprised of appropriate municipal personnel, local emergency first responders, and other stakeholders to effectively guide the overall process, provide significant input, and partner with Tetra Tech to develop a FEMA-approved Plan.

On August 16, 2012, the Steering Committee met for the first time and continued to meet throughout the year. Table 3-2 shows the current members of the Steering Committee, at the time of this draft Plan's publication.

Table 3-2. Cayuga County Hazard Mitigation Plan Steering Committee Members

Name	Title	Organization
Bruce Natale*	Cayuga County Flood Hazard Mitigation Engineer	Cayuga County Planning Department
Brian Dahl*	Director of Emergency Services, Hazard Mitigation Coordinator	Cayuga County Emergency Management Office
Niel Rivenburgh*	Deputy Director	Cayuga County Emergency Management Office
Michele Wunderlich	Senior Planner	Cayuga County Planning Department
Kevin Carpenter	ES Manager	American Red Cross
Jeff Dygert	Chief	City of Auburn Fire Department
Mark Fleming	Lieutenant	New York State Police
Doug Kierst	District Field Manager/ Director	Cayuga County Soil and Water Conservation District
Bill Lupien	Superintendent	City of Auburn Engineering Department
Eileen O'Connor	Director of Environmental Health Services	Cayuga County Health Department
Tom Putnam	Engineering Division	Auburn Community Hospital
Charles Ray	Town of Cato Supervisor	Association of Town Supervisors
Scott Shaft	Interim Director Public Safety	Cayuga Community College
Pat Steger	President	Cayuga County Town Highway Superintendents Assoc.
Jim Stowell	Undersheriff	Cayuga County Sheriff's Office
Mark Synder	Safety Coordinator	Cayuga Onondaga BOCES
Mike Talbot	Superintendent	City of Auburn Department of Public Works
Doug Ververs	Director	Cornell Cooperative Extension of Cayuga County
Richard Wheeling	Sr. Engineering Tech	Cayuga County Highway Department

*Co-Chair

In August, 2012 Cayuga County notified all 33 municipalities within Cayuga County of the pending planning process and invited them to formally participate. Municipalities were provided with a copy of the Planning Partner Expectations and asked to formally notify Cayuga County of their intent to participate (via a Letter of Intent) and to identify a planning point of contact to serve on a Planning Committee and represent the interests of their respective community.

A Planning Committee was assembled to represent each of the municipalities participating in the Plan, consisting of all members of the Steering Committee, and at least one representative from each of the participating municipalities. Each municipality received a copy of the “Planning Partner Expectations” which outlined the responsibilities of the participants and the agreement of the partners to authorize the Steering Committee to represent the jurisdiction in the completion of certain planning elements as noted above.

The Planning Committee was charged with the following:

- Represent their jurisdiction throughout the planning process
- Establish Plan development goals

- Establish a timeline for completion of the Plan
- Ensure that the Plan meets the requirements of DMA 2000 and FEMA and NYSOEM guidance;
- Solicit and encourage the participation of regional agencies, a range of stakeholders, and citizens in the Plan development process
- Assist in gathering information for inclusion in the Plan, including the use of previously developed reports and data
- Organize and oversee the public involvement process
- Identify, develop and prioritize appropriate mitigation initiatives.
- Review, amend, and approve all sections of the Plan
- Develop and author the jurisdictional annex for their jurisdiction
- Develop, revise, adopt, and maintain the Plan

It is noted that the Letter of Intent to Participate identifies the above “Planning Partner Expectations” as serving to identify those activities comprising overall participation by jurisdictions throughout the planning process. It is recognized that the jurisdictions in Cayuga County have differing levels of capabilities and resources available to apply to the planning process, and further, have differing exposure and vulnerability to the natural hazard risks being considered in this Plan. It was Cayuga County’s intent to encourage participation by all inclusive jurisdictions, and to accommodate their specific needs and limitations while still meeting the intents and purpose of Plan participation. Such accommodations have included the establishment of a Steering Committee, engaging a contract consultant to assume certain elements of the Planning process on behalf of the jurisdictions, and the provision of additional and alternative mechanisms to meet the purposes and intent of mitigation planning.

Ultimately, jurisdictional participation is evidenced by a completed annex of the Plan wherein jurisdictions have individually identified their planning points of contact, evaluated their risk to the hazards of concern, identified their capabilities to effect mitigation in their community, and identified and prioritized an appropriate suite of mitigation initiatives, actions, and projects to mitigate their natural hazard risk; and eventually, by the adoption of the Plan via resolution.

Extensive outreach efforts by the Cayuga County Planning Department resulted in nearly perfect participation by stakeholders and Cayuga County municipalities. Planning Department leads effectively engaged city, town, and village staff members and other representatives from 32 of the 33 Cayuga County municipalities, ensuring a complete understanding of the process and the goals of the mitigation plan.

Table 3-3 shows the current municipal members of the Planning Committee, at the time of this Plan’s publication. Please note that while Steering Committee members are also part of the overall project Planning Committee, the list below only identifies those Planning Committee members representing participating municipalities. Steering Committee members are identified in Table 3-2.

Table 3-3. Planning Committee Members (Municipal Representatives Only)

Organization	Name	Title
City of Auburn	Michael Talbot	Superintendent of Public Works
Town of Aurelius	Edward J. Ide	Aurelius Town Supervisor
Village of Aurora	Ann Balloni	Village Clerk
Town of Brutus	James Hotaling	Supervisor
Village of Cato	Mary Gratton Bowman	Village Clerk
Village of Cayuga	Helen Day	Mayor
Town of Conquest	Dan George	Planning Board Chairman
Village of Fair Haven	William McVea	Mayor
Town of Fleming	Gary B. Searing	Town Supervisor
Town of Genoa	Lorie Fessenden	Supervisor
Town of Ira	James Lunkenheimer	Town Supervisor
Town of Ledyard	Mark Jordan	Supervisor
Town of Locke	Natalie Hingston	Town Clerk
Town of Mentz	Suzanne McBath	Supervisor
Village of Meridian	Edward Epprecht	Mayor
Town of Montezuma	Jeffery Dawson	Highway Superintendent
Town of Moravia	Gary Hatfield	Moravia Town Supervisor
Village of Moravia	Anne Riddell	Village Clerk
Town of Niles	Patrick Steger	Highway Superintendent/ Pres. CCTWSA
Town of Owasco	Ed Wagner	Town Supervisor
Village of Port Byron	Ronald Wilson	Mayor
Town of Scipio	Mark Chamberlain	Highway Supervisor
Town of Sempronius	Victoria Becker	Town Clerk
Town of Sennett	Penelope Dennis	Town Clerk
Town of Springport	Richard Waldron	Highway Superintendent
Town of Sterling	Brian Soper	Highway Superintendent
Town of Summerhill	Charles E. Ridley	Supervisor
Town of Throop	Joe McBride	Highway Superintendent
Village of Union Springs	Robert Kneaskern	Superintendent of Public Works
Town of Venice	John C. Grover	Supervisor
Town of Victory	Harvey E. Mills	Chairman, Town Planning Board
Village of Weedsport	Jean B. Saroodis	Mayor

Members of the Committee (individually and as a whole), as well as key stakeholders, convened and/or communicated on an as-needed basis to share information and participate in workshops to identify hazards; assess risks; identify critical facilities; assist in developing mitigation goals, objectives and actions; and provide continuity through the Plan development process to ensure that natural hazards and transportation vulnerability information and appropriate mitigation strategies were incorporated into the Plan. Each member of the Planning Committee had the opportunity to review the Plan and supported interaction with other stakeholders and assisted with public involvement efforts.

Planning Partnership Activities

A summary of planning partnership activities, including Planning and Steering Committee meetings held during the development of this Plan, is included in Table 3-4. This summary table identifies only the formal meetings held during plan development, and does not reflect the larger universe of planning activities conducted by individuals and groups throughout the planning process. In addition to these meetings, there was a great deal of communication between Planning Committee members through electronic mail (email) and by phone.

After completion of the Plan, implementation and ongoing maintenance will become a function of the Planning Committee. The Planning Committee is responsible for reviewing the Plan and accepting public comment as part of an annual review and as part of the five year mitigation plan update.

Table 3-4 presents a summary of key milestones and planning partnership efforts implemented during the development process for this Plan. This table also identifies which DMA 2000 requirements the activities satisfy.

Table 3-4. Summary of Planning Outreach

Date	Activity/DMA 2000 Requirement	Key Outcomes/Purpose	Attendees
3/22/12	1b	Association of Town Supervisors. County Planning (Geoff Milz) announced pending grant and outline project scope.	About half the towns represented.
4/17/12	1b	Cayuga County Association of Villages announced pending grant and outline project scope.	All nine villages represented.
5/1/12	1a	NYSOEM grant agreement executed by Cayuga County	---
7/25/12	2	Pre-Project Kickoff Meeting	Bruce Natale, Michele Wunderlich; Cayuga County (CC) Planning Department Brian Dahl, CC Emergency Management Jonathan Raser, Cynthia Bianco; Tetra Tech
8/16/12	2, 3a, 3b	Steering Committee Meeting #1 To discuss the planning status, project schedule, data collection, public and stakeholder outreach.	Michele Wunderlich, CC Planning Department Brian Dahl, CC Emergency Management Cynthia Bianco; Tetra Tech
9/20/12	1b, 2, 3a, 3b, 3c	Steering Committee Meeting #2 To discuss the meeting schedule, data collection, critical facilities, and public outreach.	Kevin Carpenter, American Red Cross Jim Stowell, Cayuga County Sheriff's Office (CCSO) Undersheriff Jeff Dygert, City of Auburn Fire Chief Doug Kierst, Cayuga County Soil and Water Conservation District (CCSWCD) Mark Snyder, Cayuga-Onondaga BOCES (BOCES) Brian Dahl, CC Emergency Management Doug Ververs, Cayuga County Cornell Cooperative Extension (CCCCE) Michele Wunderlich, CC Planning Department Mark Fleming, New York State Police George Welch, Auburn Community Hospital Bill Lupien, City of Auburn Engineering Department Cynthia Bianco Tetra Tech

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Date	Activity/DMA 2000 Requirement	Key Outcomes/Purpose	Attendees
9/26/12	1b, 2, 3a, 3c	<p>Planning Committee and Stakeholder Kick Off Meeting Provide project overview, describe HMP planning process, discuss project timeline, schedule of activities, and participant requirements. Other discussion topics included hazards of concern identification, critical facilities and other data collection, local capability assessment, public and stakeholder outreach, jurisdictional annexes, and mitigation grant funding opportunities.</p>	<p>Jim Bailey, Ledyard (t) Ann Balloni, Aurora (v) Keith Batman, Scipio (t) Mary Kae Brentlinger, Brutus (t) Ed Cook, Conquest (t) Gerald Cunningham, Brutus (t) Brian Dahl and Niel Rivenburgh, CC Emergency Management Office Jeff Dygert, Auburn (c) Gary Hatfield, Moravia (t) Gabriel Holbrow, Bruce Natale and Michele Wunderlich, CC Planning Department Ed Ide, Aurelius (t) Mark Jordan, Ledyard (t) Doug Kierst, CCSWCD Charles Knapp, Conquest (t) Bob Kneaskern, Union Springs (v) James Lunkenheimer, Ira (t) Suzanne McBath, Mentz (t) Joe McBride, Throop (t) Nancy McGuerty, Moravia (v) Harvey Mills, Victory (t) Bruce Natale, Cayuga County David Newert, Cayuga County Tom Putnam, Auburn Community Hospital Charles Ray, Cato (t) Charles Ripley, Summerhill (t) Jean Saroodis, Weedsport (v) Doug Selby, Auburn (c) Keith Severson, CCCCE William Sherman, Cayuga (v) Cheryl Shields, Genoa (t) Chris Stephens, CCSO Jim Stowell, CCSO Michael Talbot, Auburn (c) Richard Talcott, Venice (t) Dean Tanner, Union Springs (v) Richard Waldron, Springport (t) Ronald Wilson, Port Byron (v) Ed Wagner, Owasco (t)</p>
10/10/12	1b, 2, 3a, 4a	<p>Working Group Meeting: To discuss the planning status, project schedule, data collection, public and stakeholder outreach.</p>	<p>Bruce Natale, CC Planning Department Brian Dahl, CC Emergency Management Office Michele Wunderlich, CC Planning Department Eileen O'Connor, CC Health Department Cynthia Bianco, Tetra Tech</p>
10/10/12	1b	<p>Public Outreach: County placed hazard mitigation plan page on website with button link on home page</p>	<p>Cayuga County Planning Department /IT</p>
10/10/12	1b	<p>Public Outreach: County distributed media release publicizing public survey and requesting public input</p>	<p>Cayuga County Planning Department</p>

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Date	Activity/DMA 2000 Requirement	Key Outcomes/Purpose	Attendees
10/24/12	1b, 2, 4a	Steering Committee Meeting #3: To discuss the planning status, public and stakeholder outreach, and goals and objectives.	Bruce Natale, CC Planning Department Brian Dahl, CC Emergency Management Office Michele Wunderlich, CC Planning Department Eileen O'Connor, CC Health Department Keith Severson, CCCCE Kevin Carpenter, American Red Cross Jeff Dygert, City of Auburn Fire Chief Doug Kierst, CCSWCD Scott Shaft, Cayuga Community College Jim Stowell, CCSO Mike Talbot, City of Auburn Public Works Cynthia Bianco, Tetra Tech
11/14/12	1b, 2, 3a, 4a	Working Group Meeting	Bruce Natale and Michele Wunderlich; CC Planning Department Brian Dahl, CC Emergency Management Office Cynthia Bianco, Tetra Tech
12/5/12	2, 3a, 3b, 3c, 3d, 3e	SWOO Discuss strengths, weaknesses, obstacles, and opportunities	James Bailey, Ledyard (t) Kevin Carpenter, American Red Cross Brian Dahl, CC Emergency Management Office Jeffrey Dawson, Montezuma (t) Anthony DeCaro, Auburn (c) Jeff Dygert, Auburn (c) Mark Fleming, New York State Police Roger Grantiero, Fair Haven (v) Jenny Haines, Auburn (c) Brian Hicks, Auburn (c) Mark Jordan, Ledyard (t) Doug Kierst, CC SWCD Robert Kneaskern, Union Springs (v) Kris LaPointe, Sennett (t) Suzanne McBath, Mentz (t) Bill McVea, Fair Haven (v) Harvey Mills, Victory (t) Jay Moose, Mentz (t) David Morris, Sennett (t) Bruce Natale, CC Planning Department Eileen O'Connor, CC Health Department Jonathan Raser, Tetra Tech Matt Rejman, Genoa (t) Anne Riddell, Moravia (v) Roman Rotko, Auburn (c) David Schneck, Springport (t) Cheryl Shields, Genoa (t) Mark Snyder, BOCES Brian Soper, Sterling (t) Donna Sowles, Auburn Community Hospital Chris Stephens, CCSO Jim Stowell, CCSO, Undersheriff Dean Tanner, Union Springs (v) Doug Ververs, CCCCE Ed Wagner, Owasco (t) Richard Waldron, Springport (t) Kurt Wilmot, Aurora (v) Michele Wunderlich, CC Planning Department

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Date	Activity/DMA 2000 Requirement	Key Outcomes/Purpose	Attendees
12/12/12	2, 3b, 3c, 3d, 3e, 4	Steering Committee Meeting To discuss SWOO results, comment on hazard profiles, and finalize critical facilities.	Bruce Natale, CC Planning Department Brian Dahl, CC Emergency Management Office Niel Rivenburgh*, CC Emergency Management Office Michele Wunderlich, CC Planning Department Kevin Carpenter, American Red Cross Jeff Dygert, City of Auburn Fire Department Mark Fleming, New York State Police Doug Kierst, CCSWCD Bill Lupien, City of Auburn Engineering Department Eileen O'Connor, CC Health Department Tom Putnam, Auburn Community Hospital Scott Shaft, Cayuga Community College Pat Steger, CC Town Highway Superintendents Assoc., Town of Niles Jim Stowell, CCSO Undersheriff Mark Synder, BOCES Mike Talbot, City of Auburn Department of Public Works Doug Ververs, CCCCE Richard Wheeling, CC Highway Department
1/02/13	2, 3b, 5a, 5b, 5c	Steering Committee Meeting #4: To discuss the planning status, municipal participation, profile comments, and draft maintenance procedure.	Bruce Natale, CC Planning Department Brian Dahl, CC Emergency Management Office Michele Wunderlich, CC Planning Department Eileen O'Connor, CC Health Department Bill Lupien, City of Auburn Engineering Dept. Pat Steger, CC Town Highway Superintendents Association, Town of Niles Kevin Carpenter, American Red Cross Jeff Dygert, City of Auburn Fire Chief Doug Kierst, CCSWCD Scott Shaft, Cayuga Community College Jim Stowell, CCSO Undersheriff Cynthia Bianco, Tetra Tech Mark Snyder, BOCES Doug Ververs- CCCCE
1/9/13	1b, 2, 3a, 3b	Working Group Meeting To discuss hazard profile comments, transportation profile to be edited, municipal participation status, and Public Survey distribution.	Michele Wunderlich, CC Planning Department Eileen O'Connor, CC Health Department Cynthia Bianco, Tetra Tech

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Date	Activity/DMA 2000 Requirement	Key Outcomes/Purpose	Attendees
2/5/13	2, 3a, 3b, 5a, 5b, 5c	Working Group Meeting To review profiles, review municipal participation, plan maintenance procedures, and public stakeholder outreach	Kevin Carpenter, American Red Cross Brian Dahl, CC Emergency Management Office Jeff Dygert, City of Auburn Fire Department Doug Kierst, CCSWCD Bill Lupien, City of Auburn Engineering Department Bruce Natale, CC Planning Department Eileen O'Connor, CC Health Department Tom Putnam, Auburn Community Hospital Pat Steger, CC Town Highway Superintendents Assoc., Town of Niles Jim Stowell, CCSO Undersheriff Mark Synder, BOCES Mike Talbot, City of Auburn Department of Public Works Doug Ververs, CCCCE Richard Wheeling, CC Highway Department Michele Wunderlich, CC Planning Department
2/13/13	1b, 2, 4b	Working Group Meeting	Michele Wunderlich, Bruce Natale; CC Planning Department Eileen O'Connor, CC Health Department Cynthia Bianco, Tetra Tech
2/27/13	2, 3a, 3b, 3c, 4a, 4b	Steering Committee Meeting #5: To discuss the Hazard Mitigation Planning, Homework Collection, Jurisdictional Annex Workshops, Mitigation Strategies, Public and Stakeholder Outreach, Plan Resolution, and local match in-kind services.	Bruce Natale, CC Planning Department Brian Dahl, CC Emergency Management Office Michele Wunderlich, CC Planning Department Eileen O'Connor, CC Health Department Bill Lupien, City of Auburn Engineering Dept. Pat Steger, CC Town Highway Superintendent Association, Town of Niles Kevin Carpenter, American Red Cross Rich Wheeling, CC Highway Dept. Doug Kierst, CCSWCD Jim Stowell, CCSO Undersheriff Doug Ververs, CCCCE Cynthia Bianco, Tetra Tech Michael Arduini, Tetra Tech
3/15/13	1b, 2, 4b	Working Group Meeting	Bruce Natale, Planning Department Michele Wunderlich, CC Planning Department Eileen O'Connor, CC Health Department Cynthia Bianco, Tetra Tech
3/20/13	1b, 2	Public Meeting	Robert Amerman, Summerhill (t) Scott DeJoy, City of Auburn Fire Dept. Pat DiNonno and David Newart; CC Emergency Management Office Jim Stowell, CCSO Undersheriff Michele Wunderlich, Bruce Natale, and Gabriel Holbrow; CC Planning Department Bill Anderson and Mark Strong; Moravia Fire Dept. Jonathon Raser and Cynthia Bianco; Tetra Tech

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Date	Activity/DMA 2000 Requirement	Key Outcomes/Purpose	Attendees
3/20/13 and 3/21/13	2, 4a, 4b	Jurisdictional Annex Workshops (4)	Roman Rotko, Jeff Dygert, Christina Selvek; Auburn (c) Kurt Wilmot, Aurora (v) Debbie Pinckney, Aurelius (v) Mary Kae Brentlinger, Gerald Cunningham; Brutus (t) Carl Lincoln, J. S. Youngs; Cato (v) Bill Sherman, Cayuga (v) Ed Cook, Conquest (t) Bill McVea, Terri DeGregorio; Fair Haven (v) Gary Searing, Kerry L. Smith; Fleming (t) Richard Sellen; Genoa (t) James Lunkenheimer, Ira (t) John Binns, Ledyard (t) Peter Compton, Locke (t) Jeffrey Dawson, Montezuma (t) Suzanne McBath, Mentz (t) Douglas Appleman, Meridian (v) Steve Mulvaney, Moravia (t) Anne Riddell, Moravia (v) Patrick Steger, Niles (t) Ed Wagner, Owasco (t) Ken Burnett, Port Byron (v) Mark Chamberlain, Keith Batman; Scipio (t) Bruce Nodine, Sempronius (t) Kris LaPointe, Sennett (t) Richard Waldron, Springport (t) Brian Soper, Lorry Palmieri; Sterling (t) Charles Ripley, Summerhill (t) Joe McBride, Throop (t) Robert Kneaskern, Dean Tanner, Diego Ruiz; Union Springs (v) John C. Grover, William Rejman; Venice (t) Harvey Mills, Lucille Craine, Nick Blanchard; Victory (t) Jean B. Saroodis, Jim Saroodis; Weedsport (v) Gabriel Holbrow, Michele Wunderlich, Bruce Natale; CC Planning Department Niel Rivenburgh; CC Emergency Management Office Jonathan Raser, Cynthia Bianco; Tetra Tech
3/27/13	2, 4a, 4b	Steering Committee Meeting #6: To discuss the Hazard Mitigation Plan Status, Jurisdictional Annex Workshops, County Mitigation Strategies, Plan Maintenance Procedure, and local match in-kind services.	Niel Rivenburgh*, CC Emergency Management Office Michele Wunderlich, CC Planning Department Eileen O'Connor, CC Health Department Bill Lupien, City of Auburn Engineering Dept. Pat Steger, CC Town Highway Superintendents Association, Town of Niles Jeff Dygert, City of Auburn Fire Chief Kevin Carpenter, American Red Cross Cynthia Bianco, Tetra Tech
4/15/13	2, 4a, 4b, 5a	Working Group Meeting To discuss annex sections, comprehensive plan updates, public feedback to the draft plan, and the revised plan submittal schedule.	Bruce Natale, CC Planning Department Brian Dahl, CC Emergency Management Office Michele Wunderlich, CC Planning Department Eileen O'Connor, CC Health Department Cynthia Bianco, Tetra Tech

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Date	Activity/DMA 2000 Requirement	Key Outcomes/Purpose	Attendees
4/24/13	2, 4a, 4b	Steering Committee	Doug Kierst, CCSWCD Jim Stowell, CCSO Bruce Natale, CC Planning Department Brian Dahl, CC Emergency Management Office Cynthia Bianco, Tetra Tech
5/8/13	2, 4a, 4b	Working Group Meeting	Brian Dahl, CC Emergency Management Office Michele Wunderlich, CC Planning Department Cynthia Bianco, Tetra Tech
5/9/13	5a	County Legislature designation of Hazard Mitigation Coordinator and County Flood Hazard Mitigation Engineer	Cayuga County Legislature
6/6/13	1b	Public Outreach: Email to the City of Auburn, towns and village for public/stakeholder review/comment of the Draft Plan and announcement of public meeting. Included flyer for posting at the City/Town/Village hall. Also sent email and flyer to emergency management services personnel (County-wide).	Cayuga County Planning Department
6/14/13	1b	Public Outreach: Email to neighboring counties emergency management offices for public/stakeholder review/comment of the Draft Plan and announcement of public meeting. Also sent to the media.	Cayuga County Planning Department
6/18/13	1b	Public Outreach: Flyer distributed to 600 cars who attended the Cayuga County Household Electronics Day recycling event for public/stakeholder review/comment of the Draft Plan and announcement of public meeting.	Cayuga County Planning Department
6/19/13	1b	Public Meeting: Presentation of Plan-Public Meeting	Jeff Dygert, City of Auburn Fire Chief Jim Saroodis, Weedsport (v) Pat DiNonno, CC Emergency Management Office Doug Ververs, CCCCE Brian Dahl, CC Emergency Management Office Michele Wunderlich, CC Planning Department Cynthia Bianco, Tetra Tech
6/28/13	1b	Public Outreach: Email to legislators notifying Plan development progress, anticipated submittal date, and providing web link for review/comment of Draft Plan.	Cayuga County Planning Department
7/8/13	1b	Public Outreach: Email requests sent to school district superintendents for public/stakeholder review/comment of Draft Plan.	Cayuga County Planning Department

Note: TBD = to be determined. Each number in column 2 identifies specific DMA 2000 requirements, as follows:

CC = Cayuga County

1a – Prerequisite – Adoption by the Local Governing Body

1b – Public Participation

2 – Planning Process – Documentation of the Planning Process

3a – Risk Assessment – Identifying Hazards

3b – Risk Assessment – Profiling Hazard Events

3c – Risk Assessment – Assessing Vulnerability: Identifying Assets

3d – Risk Assessment – Assessing Vulnerability: Estimating Potential Losses

3e – Risk Assessment – Assessing Vulnerability: Analyzing Development Trends

4a – Mitigation Strategy – Local Hazard Mitigation Goals

4b – Mitigation Strategy – Identification and Analysis of Mitigation Measures



- 4c – Mitigation Strategy – Implementation of Mitigation Measures
- 5a – Plan Maintenance Procedures – Monitoring, Evaluating, and Updating the Plan
- 5b – Plan Maintenance Procedures – Implementation through Existing Programs
- 5c – Plan Maintenance Procedures – Continued Public Involvement

Participation Matrix

Additional information concerning meeting attendees is provided in the participation matrix located in Table 3.5. This matrix indicates New York State, County, Municipal, and stakeholder personnel participating in the planning process.

This matrix is intended to give a broad overview of who attended meetings and when input was provided to the Plan. All participants were encouraged to attend the Kick-off Meeting and Jurisdictional Annex Workshop. During the planning process, the consultant contacted each participant to offer support, explain the process, and to facilitate the submittal and review of critical documents.

The participating jurisdictions agreed to abide by the Planning Partner Expectations and Planning Committee Guidelines. These guidelines established a Steering Committee containing the core of the working group. Participation is defined as having input to the hazard analysis (providing critical facility, hazard event, vulnerability data), and as having participated in the annex workshop for the purpose of creating a mitigation strategy for inclusion into each municipality annex in Section 9 of the Plan.

Table 3-5. Participation- Matrix/Official Planning Meetings

Meeting Date	Activity/DMA 2000 Requirement	Activity	Cayuga County	Auburn (C)	Aurelius (T)	Aurora (V)	Brutus (T)	Cato (v)	Cayuga (V)	Conquest (T)	Fair Haven (V)	Fleming (T)	Genoa (T)	Ira (T)	Ledyard (T)	Locke (T)	Mentz (T)	Meridian (V)	Montezuma (T)	Moravia (T)	Moravia (V)	Niles (T)	Owasco (T)	Port Byron (V)	Scipio (T)	Sempronius (T)	Sennett (T)	Springport (T)	Sterling (T)	Summerhill (T)	Throop (T)	Union Springs (V)	Venice (T)	Victory (T)	Weedsport (V)		
			7/25/12	2	Pre-Project Kickoff Meeting	x																															
8/16/12	2, 3a, 3b	Steering Committee Meeting #1	x																																		
9/20/12	2, 3a, 3b, 3c	Steering Committee Meeting #2	x	x																		x															
9/26/12	1b, 2, 3a, 3c	Planning Committee and Stakeholder Kick-Off Meeting	x	x	x	x	x	x	x	x			x	x	x					x	x			x	x	x		x	x	x	x	x	x	x	x	x	
10/10/12	1b, 2, 3a, 4a	Working Group Meeting	x																																		
10/10/12	1b	Public Outreach	x																																		
10/10/12	1b	Public Outreach	x																																		
10/24/12	1b, 2, 4a	Steering Committee Meeting #3	x	x																																	
11/14/12	1b, 2, 3a, 4a	Working Group Meeting	x																																		
12/5/12	2, 3a, 3b, 3c, 3d, 3e	SWOO	x	x		x					x		x		x		x		x		x	x	x				x	x	x				x		x		
12/12/12	2, 3b, 3c, 3d, 3e, 4	Working Group Meeting	x	x																		x															
1/02/13	2, 3b, 5a, 5b, 5c	Steering Committee Meeting #4	x	x																		x															
1/9/13	1b, 2, 3a, 3b	Working Group Meeting	x																																		
2/5/13	2, 3a, 3b, 5a, 5b, 5c	Working Group Meeting	x	x																		x															
2/27/13	2, 3a, 3b, 3c, 4a, 4b	Steering Committee Meeting #5	x	x																		x															
3/15/13	1b, 2, 4b	Working Group Meeting	x																																		
93/20/13	2, 4a, 4b	Jurisdictional Annex Workshop	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	X	x	x	x	x	x
3/21/13	2, 4a, 4b	Jurisdictional Annex Workshop/ Public Meeting	x	x																	x	x															
3/27/13	2, 4a, 4b	Steering Committee Meeting #6	x	x																		x															
4/15/13	2, 4a, 4b, 5a	Working Group Meeting	x																																		
4/24/13	2, 4a, 4b	Steering Committee Meeting #7	x																																		

SECTION 3: PLANNING PROCESS

Meeting Date	Activity/DMA 2000 Requirement	Activity																																			
			Cayuga County	Auburn (C)	Aurelius (T)	Aurora (V)	Brutus (T)	Cato (v)	Cayuga (V)	Conquest (T)	Fair Haven (V)	Fleming (T)	Genoa (T)	Ira (T)	Ledyard (T)	Locke (T)	Mentz (T)	Meridian (V)	Montezuma (T)	Moravia (T)	Moravia (V)	Niles (T)	Owasco (T)	Port Byron (V)	Scipio (T)	Sempronius (T)	Sennett (T)	Springport (T)	Sterling (T)	Summerhill (T)	Throop (T)	Union Springs (V)	Venice (T)	Victory (T)	Weedsport (V)		
5/8/13	2, 4a, 4b	Working Group Meeting	x																																		
6/6/13	1b	Public Outreach email: City, towns, villages	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
6/6/13	1b	Public Outreach email: emergency services	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
6/14/13	1b	Public Outreach email: adjacent counties																																			
6/18/13	1b	Public Outreach: attendees electronics collection	x																																		
6/19/13	Public Meeting 1b	Presentation of Plan – Public Meeting	x	x																															x		
6/28/13	1b	Public Outreach: Email to legislators	x																																		
7/8/2013	1b	Public Outreach: School Districts	x																																		

- 1a – Prerequisite – Adoption by the Local Governing Body
- 1b – Public Participation
- 2 – Planning Process – Documentation of the Planning Process
- 3a – Risk Assessment – Identifying Hazards
- 3b – Risk Assessment – Profiling Hazard Events
- 3c – Risk Assessment – Assessing Vulnerability: Identifying Assets
- 3d – Risk Assessment – Assessing Vulnerability: Estimating Potential Losses
- 3e – Risk Assessment – Assessing Vulnerability: Analyzing Development Trends
- 4a – Mitigation Strategy – Local Hazard Mitigation Goals
- 4b – Mitigation Strategy – Identification and Analysis of Mitigation Measures
- 4c – Mitigation Strategy – Implementation of Mitigation Measures
- 5a – Plan Maintenance Procedures – Monitoring, Evaluating, and Updating the Plan
- 5b – Plan Maintenance Procedures – Implementation through Existing Programs
- 5c – Plan Maintenance Procedures – Continued Public Involvement



STAKEHOLDERS INVOLVED IN MITIGATION PLANNING

This section presents (1) municipal involvement, (2) state and regional agency involvement, (3) public participation – citizen involvement, and outreach to business, utility, educational, non-profits, and other stakeholders.

Diligent efforts were made to assure broad regional, county, and local representation in this planning process. To that end, a comprehensive list of stakeholders was developed with the support of the Steering and Planning Committees. Stakeholder outreach was performed early throughout the planning process. In addition to “mass media” notification efforts, identified stakeholders were invited to attend the Kick-off meeting, while key stakeholders were requested to participate on the Steering and/or Planning Committees.

The following is list of the various stakeholders that were invited to participate in the development of this Plan, along with a summary of how these stakeholders participated and contributed to the Plan. This summary listing cannot represent the sum total of stakeholders that were aware of and/or contributed to this Plan since formal and informal outreach efforts were utilized throughout the process by the many planning partners involved in the overall effort. Documentation of such sweeping efforts is impossible. Instead, this summary is intended to demonstrate the scope and breadth of the stakeholder outreach efforts made during the development of this Plan.

Information and input provided by these stakeholders has been included throughout this Plan where appropriate, as identified in the references

On June 6, 2013 an email was sent to the City of Auburn, towns and village for public/stakeholder review/comment of the Draft Plan and announcement of the public meeting. This email included a flyer containing this information for posting at the City/Town/Village hall. Also on this day, this email and flyer were sent to emergency management services personnel (County-wide). On June 14, 2013 an email was sent to neighboring counties’ emergency management offices for public/stakeholder review/comment of the Draft Plan and announcement of the public meeting. On the same day, a press release was sent to the media. On June 18, 2013 a flyer was distributed to 600 cars who attended the Cayuga County Household Electronics Day recycling event containing information on the public/stakeholder review/comment of the Draft Plan and announcement of the public meeting. On July 8, 2013 an email was sent to the school superintendents inviting them to review the draft plan documents and to participate in the development of the Plan. Comments were directed to Michele Wunderlich, Cayuga County Planning and Economic Development, who was tasked with collecting any information from the stakeholder outreach.

Table 3-6. Cayuga County Stakeholders

Stakeholder Category	Company/Organization Name	Contact
Municipalities	The City of Auburn and all the towns and villages in the County	City Manager, town/village clerks
Schools	BOCES	Mark Snyder
Schools	Auburn School District	Constance Evelyn
Schools	Moravia School District	Michelle Brantner
Schools	Hannibal Central School District	Donna Fountain
Schools	Groton Central School	Jim Abrams
Schools	Skaneateles Central School District	Judith Pastel
Schools	Union Springs Central School District	Linda Rice
Schools	Weedsport Central School District	Shaun O'Connor
Schools	Southern Cayuga Central School District	Patrick M. Jensen
Schools	Oswego City School District	William Crist
Schools	Port Byron Central School District	Neil O'Brien

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Stakeholder Category	Company/Organization Name	Contact
Schools	Red Creek Central School District	David Sholes
Schools	Jordan-Elbridge Central School District	James Froio
Schools	Cato-Meridian Central School District	Noel Patterson
Media	Citizen News	---
Media	Com News Moravia	---
Media	Wayuga.com	---
Media	9WSYR	---
Agencies	CIMVAC	---
Agencies	Cayuga County Sheriff's Office	---
Agencies	New York State Police	---
Fire Department	Auburn Fire Department #1	---
Fire Department	Auburn Fire Department #3	---
Fire Department	Aurelius Fire Department #1	---
Fire Department	Aurelius Fire Department #2	---
Fire Department	Aurora Fire Department	---
Fire Department	Cato Fire Department	---
Fire Department	Cayuga Fire Department	---
Fire Department	Conquest Fire Department	---
Fire Department	Fair Haven Fire Department	---
Fire Department	Fleming #1 Fire Department	---
Fire Department	Fleming #2 Fire Department	---
Fire Department	Genoa Fire Department	---
Fire Department	Ira Fire Department	---
Fire Department	King Ferry Fire Department	---
Fire Department	Locke Fire Department	---
Fire Department	Long Hill Fire Department	---
Fire Department	Montezuma Fire Department	---
Fire Department	Moravia Fire Department	---
Fire Department	New Hope Fire Department	---
Fire Department	Owasco Fire Department #1	---
Fire Department	Owasco Fire Department #2	---
Fire Department	Poplar Ridge Fire Department	---
Fire Department	Port Byron Fire Department	---
Fire Department	Scipio Fire Department	---
Fire Department	Sempronius Fire Department	---
Fire Department	Sennett Fire Department #1	---
Fire Department	Sennett Fire Department #2	---
Fire Department	Three Town Fire District	---
Fire Department	Throop Fire Department	---
Fire Department	Union Springs Fire Department	---
Fire Department	Victory Fire Department	---
Fire Department	Weedsport Fire Department	---
Fire Department	West Niles Fire Department	---
Ambulance Agency	CIMVAC	---
Ambulance Agency	Fair Haven Village Ambulance	---
Ambulance Agency	Four Town First Aid	---
Ambulance Agency	Red Creek Fire Department.	---
Ambulance Agency	Southern Cayuga Instant Aid	---
Neighboring County	Cortland County	G. Robert Duell, Coordinator Fire and Emergency Management
Neighboring County	Wayne County	Bob McNary, Director
Neighboring County	Seneca County	Melissa Taylor, Deputy Director of Emergency Management
Neighboring County	Onondaga County	Kevin Wisley, Emergency Management Commissioner
Neighboring County	Oswego County	Terry Bennett, Emergency Services Program Coordinator
Neighboring County	Tompkins County	Edward C. Marx, Commissioner of Planning

Municipal and Local Involvement

The Planning Committee and/or its members and contract consultant met and communicated with relevant representatives of the towns and villages within Cayuga County to obtain data and information, review existing Plans and capabilities, and facilitate the identification of appropriate mitigation initiatives. Further, these entities reviewed the Draft Plan and provided direct input during its development.

Throughout the course of updating the Hazard Mitigation Plan, the Committee Chair sent numerous correspondences to participating stakeholders to update them on the process, make them aware of important meeting dates, and other plan review activities. These correspondence included emails, letters, and phone conversations with many of the municipal and school district stakeholders. For each of the stakeholders, the distribution or the final request for review and comment included:

- Town Supervisor
- Village Mayor
- Deputy Supervisor
- Town/Village Clerk
- Highway Superintendent
- Code Enforcement
- Planning Board Members
- School District Superintendent
- Primary Point of Contact determined by stakeholder
- Secondary Point of Contact determined by stakeholder

The Committee and its members met and communicated with NYSOEM regularly to obtain mitigation planning information and general guidance for HMP preparation. Meeting sign-in sheets which indicate the municipal and stakeholder participants are provided in Appendix I.

Federal, State, County, and Regional Agency Involvement

Throughout this Planning process, Cayuga County actively sought the involvement of a wide range of county, state and regional stakeholders. At a minimum, these stakeholders were advised of the planning process and provided the opportunity to review and provide direct input to the Plan during its development. Further, the Planning Committee and/or its members and contract consultant, met and/or directly communicated with many of these stakeholders to obtain data and information, review existing plans, and facilitate the identification of appropriate mitigation initiatives. Specific information obtained from these stakeholders is cited and/or referenced throughout this Plan.

Input from stakeholders specifically included:

- NYSOEM: Provided program support for Planning Committee; provided data, information and guidance on mitigation planning and grant programs; provided courtesy review of Draft Plan.
- Federal Emergency Management Agency (FEMA) – Region II: Provided National Flood Insurance Program data for Cayuga County and Municipalities.
- USDA National Resources Conservation Service (NRCS): Provided data and information to Plan.

- New York State Office of Emergency Management (NYSOEM) – Region IV – Attended and supported Planning and Steering Committee meetings throughout the planning process, provided guidance and completed formal reviews of draft and final plan.
- New York State Department of Environmental Conservation (NYSDEC): Provided data and information to plan, including NFIP statistics and information on floodplain mapping and updates. Regularly apprised of planning project.
- Cayuga County Soil and Water Conservation District (CC SWCD): Steering Committee member; attended Planning and Steering Committee meetings, provided information and input to Plan, reviewed plan sections, identified potential local and regional mitigation initiatives, supported local plan participation, facilitated regional outreach and awareness of project.

Cayuga County Government Agencies

- Cayuga County Emergency Management Office–Steering Committee members; attended Steering and Planning Committees, organized the planning process, provided information and input to Plan, reviewed Plan sections, identified county and regional mitigation initiatives.
- Cayuga County Department of Planning and Economic Development– Steering Committee member, provided input to inventory and risk assessment; reviewed plan sections, identified potential county, regional and local mitigation initiatives.
- Cayuga County Highway Department – Steering Committee member, attended Steering and Planning Committee meetings, provided input to inventory and risk assessment, reviewed plan sections, identified potential county and regional mitigation initiatives.
- Cayuga County Health Department – Steering Committee member, provided input to inventory and risk assessment; reviewed plan sections, identified potential county, regional and local mitigation initiatives.

Other County Agencies

- Cayuga County Town Highway Superintendents Association: Steering Committee member; Provided mitigation projects and Stakeholder survey input

Surrounding County Agencies

The surrounding counties of Cortland, Onondaga, Oswego, Seneca, Tompkins, and Wayne were invited to participate in the kick-off meeting as noted below and have been informed of plan activity, progress and opportunities for input at regular meetings of the NYSOEM District. Tompkins County indicated receipt of request and indicated interest in potential mutual mitigation activities.

Wayne County
Bob McNary, Director
Ora Rothfuss, Interim Director, Planning
George Bastedo, Director Emergency Management

Seneca County

Melissa Taylor, Deputy Director of Emergency Management

Charles McCann, Director of Emergency Services

Bill Bordeau, Planning & Community Development Director

Tompkins County

Department of Emergency Response

Edward C. Marx, Commissioner of Planning

Lee Shurtleff, Director Fire Coordinator

Cortland County

G. Robert Duell, Coordinator, Fire and Emergency Management

Daniel Dineen, Director of Planning

Onondaga County

Kevin Wisley, Emergency Management Commissioner

Don M. Jordan, Jr., Syracuse-Onondaga County Planning Agency

Oswego County

Terry Bennett, Emergency Services Program Coordinator

David R. Turner, Director of Community Development, Tourism and Planning

Academia

- Cornell Cooperative Extension of Cayuga County
- Cayuga Community College

Hospitals and Health Care

- Auburn Community Hospital

Transportation

- Cayuga County Highway Department
- City of Auburn Public Works
- Cayuga County Town Highway Superintendents Association

Utilities and Infrastructure

Members of the Cayuga County Planning and Emergency Management Departments regularly presented updates at the local quarterly community emergency management committee meetings which included representatives from Buckeye, and NYSEG.

Commercial and Industrial Interests

Members of the Cayuga County Planning and Emergency Management Departments regularly presented updates at the local quarterly community emergency management committee meetings which included representatives from commercial and industrial interests including NUCOR Steel.

Government Agencies

Information regarding hazard identification, risk assessment, and mitigation actions for this plan was also requested and received from the following agencies and organizations:

- National Climatic Data Center (NCDC)
- National Hurricane Center (NHC)
- National Oceanic and Atmospheric Administration (NOAA)
- National Resources Conservation Service (NRCS)
- National Weather Service (NWS), Buffalo/Binghamton
- New York State Department of Environmental Conservation (NYSDEC)
- New York State Department of Health (NYSDOH)
- New York State Department of Transportation (NYSDOT)
- New York State Disaster Preparedness Commission (NYSDPC)
- New York State Thruway Authority
- New York State Office of Emergency Management (NYSOEM)
- Storm Prediction Center (SPC)
- U.S. Army Corps of Engineers (USACE)
- U.S. Census Bureau
- U.S. Department of Agriculture (USDA)
- U.S. Department of Health and Human Services
- U.S. Environmental Protection Agency (USEPA)
- U.S. Geological Survey (USGS)
- U.S. Fish and Wildlife Service

Public Participation - Citizen Involvement

In order to facilitate better coordination and communication between the Planning Committee and citizens and to involve the public in the planning process, it was determined that draft documents will be made available to the public through a variety of venues including printed format in addition to online format. This effort is intended to increase the likelihood of hazard mitigation becoming one of the standard considerations in the evolution and growth of Cayuga County.

The Planning Committee has made the following efforts toward public participation in the development and review of the Plan:

- The public was informed of the hazard mitigation planning effort commencement at the kick-off meeting, and through press releases, new articles, and public service announcements. To inform the public and county agencies of the ongoing Plan effort, updates regarding the mitigation planning process have been made at county-wide meetings including County legislature, emergency management, highway superintendent, Association of Town Supervisors, Cayuga County Planning Board, and the Cayuga County Association of Villages groups. In addition informational brochures were distributed to instructors and students of the 2013 Tractor Safety Training Course and flyers were posted in the lower Cornell Cooperative Extension Atrium and the outdoor Cornell Cooperative Extension entrance bulletin board

- A public website is being maintained as another way to facilitate communication between the Planning Committee and County residents (<http://co.cayuga.ny.us/planning/hazmit>). The public website contains a project overview, Planning Committee contact information, and sections of the HMP for public review and comment. See Figures 3-1 and 3-2 for screenshots of this public website.
- Links to the public website have been established by the Town of Brutus, the Village of Moravia, and the Village of Weedsport. In addition, all participating municipalities have been requested and are expected to post links to the Cayuga County Hazard Mitigation website on the home web pages of each jurisdiction.
- Links to the public website have been established by the Cayuga County Soil and Water Conservation District and the Cayuga County Health and Human Services (CCHHS). Links and limited project information are posted on the CCHHS Facebook page.
- The public has been informed of the mitigation planning process through media coverage and articles appearing throughout the planning process. Copies of these articles may be found in Appendix C.
- In order to facilitate coordination and communication between the Planning Committee and citizens and involve the public in the planning process, the Plan will be available to the public through a variety of venues. A printed version of the Plan will be maintained at Cayuga County Emergency Management Office.
- Cayuga County has created a page on its website devoted to the All-Hazard Mitigation Plan (<http://co.cayuga.ny.us/planning/hazmit>) to inform residents of the project and to allow for direct input. The website went live in October 10, 2012. The page contains information on the project and methods the public can participate in the Planning process (Appendix C).
- A press release was sent on October 10, 2012 to local media outlets including the Citizen News, Com News Moravia, Wayuga.com, and 9WSYR. Sample news clippings are provided in Appendix C to illustrate media coverage.

An on-line natural hazards preparedness citizen survey was developed to gauge household preparedness that may impact Cayuga County and to assess the level of knowledge of tools and techniques to assist in reducing risk and loss of those hazards (<http://co.cayuga.ny.us/planning/hazmit>). The questionnaire asked quantifiable questions about citizen perception of risk, knowledge of mitigation, and support of community programs. The questionnaire also asked several demographic questions to help analyze trends. Responses were collected and incorporated into SWOO discussions and the catalog of mitigation actions. A summary of survey results is provided in Appendix H of this plan.

- The questionnaire has been available on the public website since October 10, 2012, and further advertised on their website devoted to Hazard Mitigation Planning. Response rates to date are considered good. Appendix H summarizes public input received through the website, the online survey, and other sources.
- Response surveys were distributed to Fire Departments, EMS, Hospitals, and Law Enforcement stakeholders on November 16, 2012. Recipients included 28 Fire Departments and Rescue/Ambulance Units, Cayuga County Sheriff's Office, and the New York State Police.

- A hazard mitigation planning tri-fold brochure (see Appendix C) was developed to inform the public of the planning process, provide local contact information, and encourage the public to review the plan and provide input.
- In July 2013, the Draft Plan was posted to the public website (<http://co.cayuga.ny.us/planning/hazmit>). This was an opportunity for public comment on the Draft Plan before it while it was under review by NYSOEM. All public comments were directed to the Cayuga Planning and Economic Development Department for collection and review by the planning committee. Any public comments received will be incorporated into the plan before submittal to FEMA.
- On June 6, 2013 an email was sent to the City of Auburn, towns and village for public/stakeholder review/comment of the Draft Plan and announcement of the public meeting. This email included a flyer announcing the Draft Plan posting, an upcoming public meeting to be held prior to Plan submittal to FEMA, and providing a link to the mitigation website for posting at the City/Town/Village hall. Also on this day, this email and flyer were also sent to emergency management services personnel (County-wide). A copy of the flyer is provided in Appendix C.
- On June 14, 2013 an email was sent to neighboring counties' emergency management offices for public/stakeholder review/comment of the Draft Plan and announcement of the public meeting. On this day, a press release was sent to the media.
- On June 18, 2013 a flyer was distributed to 600 cars who attended the Cayuga County Household Electronics Day recycling event announcing the Draft Plan posting, an upcoming public meeting to be held prior to Plan submittal to FEMA, and providing a link to the mitigation website. A copy of the flyer is provided in Appendix C.
- On July 8, 2013, an email distribution was sent out to Cayuga County School Districts to inform them of the planning process, provide local contact information, and encourage school district representatives to review the plan and provide input.
- A public notice announcing the Draft Plan posting, an upcoming public meeting to be held prior to Plan submittal to FEMA, and providing a link to the mitigation website was distributed on August 7, 2013. 600 copies of the announcement were included in litterbags that Cayuga County Department of Planning and Economic Development distributed as part of an electronics collection and recycling event.

Examples of public outreach efforts are presented in Appendix C. Public comments that have been received to date are documented in Appendix C.

Figure 3-1. Screenshot of the Hazard Mitigation Plan Link on the Cayuga County Government Website

The screenshot shows the Cayuga County Department of Planning and Economic Development website. The main navigation menu includes: Home, Calendar, Staff, Search, Site Index, Contact Us, and County Home. The left sidebar contains: Local Planning Assistance, Economic Development, Environmental Protection, Ag & Farmland Protection, Geographic Information Systems, Links, Local Plans and Codes, and About Cayuga County. The main content area is titled "Environmental Protection -Hazard Mitigation-" and lists several categories: Water Quality, Waste & Recycling, Flooding, [Hazard Mitigation](#), Environmental Planning, and CAFO Information. The "Hazard Mitigation" link is highlighted. Below the list, there are two paragraphs of text. The first paragraph states that the Cayuga County Hazard Mitigation Officer is housed in the Department of Planning and Economic Development. The second paragraph states that the Department of Planning and Economic Development and the Emergency Management Office are currently facilitating the development of a Multi-Jurisdictional All-Hazard Mitigation Plan for Cayuga County, and provides the URL co.cayuga.ny.us/planning/hazmit. At the bottom, there is a navigation bar with links to: Home, Calendar, Staff, Search, Site Index, Contact Us, County Home, Local Planning Assistance, Environmental Protection, Economic Development, Agriculture and Farmland Protection, Geographic Information Systems, Links, Local Plans and Codes, and About Cayuga County. The date "Last updated 9/19/12." is displayed at the bottom of the page.

Department of Planning and Economic Development
Cayuga County

Home
Calendar
Staff
Search
Site Index
Contact Us
County Home

Local Planning Assistance
Economic Development
Environmental Protection
Ag & Farmland Protection
Geographic Information Systems
Links
Local Plans and Codes
About Cayuga County

**Environmental Protection
-Hazard Mitigation-**

Water Quality Waste & Recycling Flooding [Hazard Mitigation](#) Environmental Planning CAFO Information

The Cayuga County Hazard Mitigation Officer is housed in the Cayuga County Department of Planning and Economic Development.

The Cayuga County Department of Planning and Economic Development and the Emergency Management Office are currently facilitating the development of an Multi-Jurisdictional All-Hazard Mitigation Plan for Cayuga County. For more information, go to co.cayuga.ny.us/planning/hazmit.

**Water Quality | Waste & Recycling | Flooding
Hazard Mitigation | Environmental Planning | CAFO Information**

Home | Calendar | Staff | Search | Site Index | Contact Us | County Home | Local Planning Assistance | Environmental Protection | Economic Development | Agriculture and Farmland Protection | Geographic Information Systems | Links | Local Plans and Codes | About Cayuga County

Last updated 9/19/12.

Source: <http://co.cayuga.ny.us/planning/hazmit/>

Figure 3-2. Screenshot of the Cayuga County Hazard Mitigation Plan Public Website



Cayuga County Multi-Jurisdictional All-Hazard Mitigation Plan

**Click here
to take our online Citizen Hazard
Preparedness Survey!**

Hazard Mitigation Plan - Introduction

To learn about what a hazard mitigation plan is and to learn more about Cayuga County's Multi-Jurisdictional All-Hazard Mitigation Plan including the mission statement and how it will benefit Cayuga County [click here](#).

Source:

How can I get involved in the Plan?

- [Take the online Citizens Hazard Preparedness Survey](#).
- [Read the Cayuga County All-Hazard Mitigation Plan 2013 brochure](#)
- [Review the 2012/2013 Plan Draft and provide input.](#)
- [Attend public outreach activities held during the Plan process.](#)

Specific comments and input received from the public and stakeholders are presented in Appendix C.

The community had an opportunity to comment on the draft HMP before submittal to NYSOEM/FEMA. The HMP was posted on the public website in June 2013 for review.

COORDINATION WITH EXISTING PLANNING EFFORTS AND PROGRAMS

Local municipalities are charged with the development of local HMPs required under Section 322 of the Stafford Act by New York. Therefore, the Planning Committee coordinated the development of this HMP. In New York, Article 2B Section 23 of State Executive Law authorizes local communities to prepare local disaster plans based on the contention that local municipalities are best equipped to assess their strengths and weaknesses, opportunities, and constraints. Local governments have intimate knowledge of the local geography, and in a disaster, local government personnel are on the front lines providing personnel and equipment to support the community. Cayuga County and the participating jurisdictions are involved in this above program, hence the development of this Plan.

Examples of other hazard mitigation programs in which County is involved with are the National Flood Insurance Program (NFIP), and the Hazard Mitigation Grant Program (HMGP). These programs assist Cayuga County in receiving funding for flood mitigation projects and flood insurance (the HMGP also can provide funds to mitigate other natural hazards). Data from Cayuga County, based on participation in these programs, was incorporated in the risk assessment in Section 5 and used to identify mitigation options in Section 9. Continued involvement in these flood-related programs will help to administer funds and resources to support this HMP.

Federal Hazard Mitigation Funding Opportunities

Federal mitigation grant funding (Stafford Act 404 and 406) is available to all communities with a current hazard mitigation plan (this plan); however most of these grants require a “local share” in the range of 10-25% of the total grant amount. Participation in FEMA 404 HMGP may cover mitigation activities including raising, removing, relocating or replacing structures within flood hazard areas. The FEMA mitigation grant programs are described below.

Hazard Mitigation Grant Program (HMGP)

The HMGP is a post-disaster mitigation program. It is made available to states by FEMA after each Federal disaster declaration. The HMGP can provide up to 75% funding for hazard mitigation measures. The HMGP can be used to fund cost-effective projects that will protect public or private property in an area covered by a federal disaster declaration or that will reduce the likely damage from future disasters. Examples of projects include acquisition and demolition of structures in hazard prone areas, flood-proofing or elevation to reduce future damage, minor structural improvements and development of state or local standards. Projects must fit into an overall mitigation strategy for the area identified as part of a local planning effort. All applicants must have a FEMA-approved Hazard Mitigation Plan (this plan).

Applicants who are eligible for the HMGP are state and local governments, certain nonprofit organizations or institutions that perform essential government services, and Indian tribes and authorized tribal organizations. Individuals or homeowners cannot apply directly for the HMGP; a local government must apply on their behalf. Applications are submitted to NYSOEM and placed in rank order for available funding and submitted to FEMA for final approval. Eligible projects not selected for funding are placed in an inactive status and may be considered as additional HMGP funding becomes available.

Flood Mitigation Assistance (FMA) Program

FMA provides funding to assist states and communities in implementing measures to reduce or eliminate the long-term risk of flood damage to buildings, manufactured homes, and other structures insurable under the NFIP. The FMA is funded annually; no federal disaster declaration is required. Only NFIP insured homes and businesses are eligible for mitigation in this program. Funding for FMA is very limited and, as with the HMGP, individuals cannot apply directly for the program. Applications must come from local governments or other eligible organizations. The federal cost share for an FMA project is 75%. At least 25% of the total eligible costs must be provided by a non-federal source. Of this 25%, no more than half can be provided as in-kind contributions from third parties. At minimum, a FEMA-approved local flood mitigation plan is required before a project can be approved. FMA funds are distributed from FEMA to the state. NYSOEM serves as the grantee and program administrator for FMA.

Pre-Disaster Mitigation (PDM) Program

The PDM program is an annually funded, nationwide, competitive grant program. No disaster declaration is required. Federal funds will cover 75% of a project's cost up to \$3 million. As with the HMGP and FMA, a FEMA-approved local Hazard Mitigation Plan is required to be approved for funding under the PDM program.

Repetitive Flood Claims (RFC) Program

The RFC program is an annually funded, nationwide mitigation grant program with the goal of reducing flood damages to individual properties for which one or more claim payments for losses have been made under flood insurance coverage, and will result in the greatest amount of savings to the National Flood Insurance Fund (NFIF) in the shortest period of time. RFC funding is available for property acquisition and structure demolition or relocation, structural elevations, and minor localized flood reduction projects. Federal funding covers 100% of the project costs.

Severe Repetitive Loss (SRL) Program

The SRL program is an annually funded, nationwide mitigation grant program with the goal of reducing flood damages to residential properties that have experienced severe repetitive losses under flood insurance coverage, and as such, will result in the greatest amount of savings to the NFIF in the shortest period of time. SRL funding is available for property acquisition and structure demolition or relocation, structural elevations, and minor localized flood reduction projects. Federal funding covers 75% of the project costs (90% if the community has a repetitive loss strategy).

Federal Disaster and Recovery Assistance Programs

Following a disaster, various types of assistance may be made available by local, state and federal governments. The types and levels of disaster assistance depend on the severity of the damage and the declarations that result from the disaster event. Among the general types of assistance that may be provided should the President of the United States declare the event a major disaster are the following:

Individual Assistance (IA)

IA provides help for homeowners, renters, businesses and some non-profit entities after disasters occur. This program is largely funded by the U.S. Small Business Administration. For homeowners and renters, those who suffered uninsured or underinsured losses may be eligible for a Home Disaster Loan to repair or replace damaged real estate or personal property. Renters are eligible for loans to cover personal

property losses. Individuals may borrow up to \$200,000 to repair or replace real estate, \$40,000 to cover losses to personal property and an additional 20% for mitigation. For businesses, loans may be made to repair or replace disaster damages to property owned by the business, including real estate, machinery and equipment, inventory and supplies. Businesses of any size are eligible. Non-profit organizations such as charities, churches, private universities, etc. are also eligible. An Economic Injury Disaster Loan provides necessary working capital until normal operations resume after a physical disaster. These loans are restricted, by law, to small businesses only.

Public Assistance (PA)

PA provides cost reimbursement aid to local governments (state, county, local, municipal authorities and school districts) and certain non-profit agencies that were involved in disaster response and recovery programs or that suffered loss or damage to facilities or property used to deliver government-like services. This program is largely funded by FEMA with both local and state matching contributions required.

Community Development Block Grants (CDBG)

CDBG are federal funds intended to provide low and moderate-income households with viable communities, including decent housing, as suitable living environment, and expanded economic opportunities. Eligible activities include community facilities and improvements, roads and infrastructure, housing rehabilitation and preservation, development activities, public services, economic development, planning, and administration. Public improvements may include flood and drainage improvements. In limited instances, and during the times of “urgent need” (e.g. post disaster) as defined by the CDBG National Objectives, CDBG funding may be used to acquire a property located in a floodplain that was severely damaged by a recent flood, demolish a structure severely damaged by an earthquake, or repair a public facility severely damaged by a hazard event.

National Flood Insurance Program

Established in 1968, the NFIP provides federally-backed flood insurance to residents of communities that enact and enforce regulations that more carefully regulate development within floodplain areas. For individual property owners to be eligible to buy the federally-backed flood insurance, their property must be located within a community that participates in NFIP.

There are three components to the NFIP: flood insurance, floodplain management and flood hazard mapping. Communities participate in the NFIP by adopting and enforcing floodplain management ordinances to reduce future flood damage. In exchange, the NFIP makes federally backed flood insurance available to homeowners, renters, and business owners in these communities. Community participation in the NFIP is voluntary. Flood insurance is designed to provide an alternative to disaster assistance to reduce the escalating costs of repairing damage to buildings and their contents caused by floods. Flood damage in the U.S. is reduced by nearly \$1 billion each year through communities implementing sound floodplain management requirements and property owners purchasing flood insurance. Additionally, buildings constructed in compliance with NFIP building standards suffer approximately 80% less damage annually than those not built in compliance (FEMA, 2008).

For a community to be eligible in NFIP, it must adopt and enforce a floodplain management ordinance to regulate proposed development in floodplains and officially designate a local floodplain coordinator/administrator. The intent of the program is to ensure that new construction does not exacerbate existing flood hazards and is designed to better withstand flooding. All jurisdictions in Cayuga County participate in the NFIP. The communities also have Flood Insurance Rate Maps (FIRM) that at a minimum show floodways, 100-year flood zones, and 500-year flood zones. Mitigation activities related

to this program are included in Section 9 and data from FEMA Region II regarding NFIP Insurance Reports was used in the risk assessment for the flood hazard included in Section 5.

Each municipality in Cayuga County has a local floodplain manager. All floodplain managers have been informed of the planning process, reviewed the plan documents, and provided direct input to the Plan. Table 3-7 summarizes the designated Floodplain Administrators for each jurisdiction.

Table 3-7. Cayuga County Floodplain Administrators

Organization	Name	Title
City of Auburn	Brian Hicks	Code Enforcement
Town of Aurelius	Tom Passarello	Code Official
Village of Aurora	Bonnie Bennett	Mayor
Town of Brutus	Thomas Piascik	Town Engineer
Village of Cato	Howard Tanner	Code Enforcement Officer
Village of Cayuga	Thomas Passarello	Code Enforcement Officer
Town of Conquest	Ted Kriese	Town Code Officer
Village of Fair Haven	Stan Krawczyk	Code Enforcement
Town of Fleming	Donald Bowen	Building Code Enforcement
Town of Genoa	Not Available	Not Available
Town of Ira	Roger Baldwin	Code Enforcement Officer
Town of Ledyard	Brian Hicks	CEO
Town of Locke	Fred Delaney	Code Enforcement Officer
Town of Mentz	Mike Dopko CFM	Town Building Inspector
Village of Meridian	Theodore Kriese	Village CEO
Town of Montezuma	June Smith	Town Clerk
Town of Moravia	Fred Delaney	Code Enforcement Officer
Village of Moravia	Anne Riddell	Village Clerk
Town of Niles	Robert Martin	Planning Board Chairman
Town of Owasco	J. Patrick Doyle	Code Enforcement
Village of Port Byron	Mike Dopko	Code Enforcement Officer
Town of Scipio	Mike O'Connor	CEO
Town of Sempronius	Not Available	Not Available
Town of Sennett	Howard Tanner	CEO
Town of Springport	Not Available	Not Available
Town of Sterling	Bruce Appleby	CEO, Codes Office
Town of Summerhill	Michael Bidwell	CEO
Town of Throop	Not Available	Code Enforcement Officer/ Zoning Officer/ Highway Superintendent
Village of Union Springs	Steve Downing	Code Enforcement
Town of Venice	Michael Piechuta	Code Officer
Town of Victory	Not Available	Not Available
Village of Weedsport	Tim Ganey	Zoning Officer

Source: Updated by local contacts.

Community Rating System (CRS)

The NFIP has been successful in protecting property owners who acquire flood insurance through the program from catastrophic financial losses due to flooding, and in requiring that new buildings constructed within 100-year flood plains are better protected from flood damage.

In the 1990s, the Flood Insurance Administration (FIA) established the CRS to encourage local governments to increase their standards for floodplain development. The goal of this program is to encourage communities, through flood insurance rate adjustments, to implement standards above and beyond the minimum required in order to:

- Reduce losses from floods
- Facilitate accurate insurance ratings
- Promote public awareness of the availability of flood insurance

CRS is a voluntary program designed to reward participating jurisdictions for their efforts to create more disaster-resistant communities using the principles of sustainable development and management. The Village of Moravia is the one community within Cayuga County that is currently participating in the program. By enrolling in CRS, county municipalities can leverage greater flood protection while receiving flood insurance discounts. The Village of Moravia has attained a CRS class 8 which represents a 10% discount in flood insurance premiums. Active involvement in this program is included as a mitigation activity for interested jurisdictions in Section 9.

New York State Department of Environmental Conservation (NYSDEC) – Division of Water - Bureau of Flood Protection and Dam Safety:

Within the NYSDEC – Division of Water, the Bureau of Flood Protection and Dam Safety cooperates with federal, state, regional, and local partners to protect lives and property from floods, coastal erosion and dam failures through floodplain management and both structural and non-structural means; and, provides support for information technology needs in the Division. The Bureau consists of the following Sections:

- **Coastal Management:** Works to reduce coastal erosion and storm damage to protect lives, natural resources, and properties through structural and non-structural means.
- **Dam Safety:** Is responsible for reviewing repairs and modifications to dams, and assuring that dam owners operate and maintain dams in a safe condition through inspections, technical reviews, enforcement, and emergency planning.
- **Flood Control Projects:** Is responsible for reducing flood risk to life and property through construction, operation and maintenance of flood control facilities. Specifically, NYDEC personnel inspect four 1946-1962 era federal flood control projects annually. Also they are responsible for the maintenance of the Moravia flood control project within the Village and downstream to the Lake.

Floodplain Management: Is responsible for reducing flood risk to life and property through proper management of activities including, development in flood hazard areas and review and development of revised flood maps

Cornell Cooperative Extension of Cayuga County

Cornell Cooperative Extension of Cayuga County (CCCCE) is a community-based educational outreach agency with state and national networks. CCCCE has educational outreach programming in the areas of Agriculture, 4H Youth Development, Environmental Education, Small Business and Nutrition. CCCCE staff work with Cayuga County residents to assess important community issues and needs and to develop and implement appropriate strategies and programs to address those needs. CCCCE has been serving Cayuga County for over 90 years.

Cayuga County Land Use Plan

A Land Use Plan for Cayuga County was adopted by the Cayuga County Planning Board in December of 1997. Its purpose was to attempt to identify techniques and principles that would allow the County Planning Board and local planning boards to respond to changing circumstances and variations in projects and programs. One of the five primary objectives of the Plan is to “protect our natural resources and encourage their wise use.”

In its discussion of issues associated with rural growth, the Plan advocates a regulatory framework to accomplish the protection of rural resources based upon the capacity of the land to accommodate activities proposed for it. Physical features such as floodplains are described as the predominant factors in determining appropriate land uses, development density, and areas and shapes of lots.

The Plan also cites as a major goal the “identification of ways to achieve the integration of linkage between the planning process and resource/environmental protection necessary to achieve sustainable growth.” Floodplains are specifically mentioned as an example of the types of critical/sensitive characteristics that must be identified before consideration of environmental concerns can be integrated into the standard project review process.

Considering its focus on resource protection and capacity-based regulation, any efforts to formulate and implement hazard mitigation strategies would be fully consistent with the goals and objectives of the Cayuga County Land Use Plan and contribute toward its implementation as envisioned by the Plan’s authors more than fifteen years ago.

Cayuga County Soil and Water Conservation District (CCSWCD)

As the result of petitions and resolutions submitted to the Cayuga County Board of Supervisors (today the County Legislature) by the Farm Bureau, Grange, Dairymen's League, and other farm organizations the Cayuga County Soil Conservation District was formed on August 8, 1944. The horizons have expanded, and today they are also involved in wastewater management (the first District in New York State to do so), Nutrient Management, the Envirothon, on the local, state, and national levels, and the economic development of Cayuga County. The CCSWCD has working relationships with all of the County townships, villages, county departments and agencies, City of Auburn departments, several New York State departments, many federal agencies such as the US Army Corps of Engineers, the US Fish and Wildlife Service, and the NRCS.

New York State Canal Corporation

The New York State Canal Corporation is a subsidiary of the New York State Thruway Authority, formed through State legislation transferring the Canal System from the New York State Department of Transportation to the Authority on April 1, 1992.

Since its inception, the Program has been providing matching grants to municipalities and not-for-profit corporations for capital projects consistent with the recommendations in the Report on the Future of New York State Canals and the 1995 Canal Recreationway Plan. The Corporation has provide grant funding for municipalities and non-profits for 57 capital projects along the Canal System to preserve and rehabilitate canal infrastructure, enhance recreational opportunities for water and land-based users, and promote tourism, historic interpretation and community revitalization.

Cayuga County Agriculture and Farmland Protection Plan

Cayuga County is in the process of updating its County-wide Agricultural and Farmland Protection Plan, first published in 1996. The new plan will incorporate protection tools such as Purchase of Development Rights (PDR's), and a strategic vision for agricultural economic development and farmland protection. The updated plan will identify strategies to protect farmland from future development, which can influence how land use decisions are made for many years and may align with hazard mitigation strategies of Cayuga County jurisdictions. The current plan update allows for the incorporation of hazard mitigation initiatives into community-specific goals and recommendations, which would reinforce the All-Hazard Mitigation Plan.

The overarching goal of the Agricultural and Farmland Protection Plan is the preservation, conservation, management or improvement of farmlands, including protection from flood and other severe weather hazards. For example, one of three ranking factors in New York State Department of Agriculture and Markets (NYSDAM)'s decision-making process for choosing properties to receive state grants for PDR purchase is the potential of the land to act as a buffer to significant natural public resources. Recommendations and resulting policy actions from the Agricultural and Farmland Protection Plan may lead to funding assistance for the acquisition of PDRs, conservation easements, or other interests in prime agricultural areas. The plan could also help to justify and secure funding for other mitigation actions in agricultural communities that have been proposed as part of this Hazard Mitigation Plan, including stream bank stabilization projects.

INTEGRATION OF EXISTING DATA AND PLANS INTO MITIGATION PLAN

The mitigation plan integrates local and federal data as discussed below.

Local Data

The Planning Committee reviewed and incorporated existing data and plans to support the mitigation plan. A number of electronic and hard copy documents were made available to support the planning process. A complete listing is included in Table 3-9.

- Cayuga County Geographic Information System (GIS) data
- Documentation of past mitigation actions and grant applications
- Historic maps and local inventory data
- Cayuga County GIS mapping of flood damaged parcels resulting from the September 2011 storm event.

Cross-referencing this Plan with existing planning documents has been included in Sections 8 and 9 as mitigation activities.

The following local regulations, codes, ordinances and plans were reviewed during this planning process in an effort to develop mitigation planning goals, objectives and mitigation strategies that are consistent across local and regional planning and regulatory mechanisms; and thus develop complementary and mutually supportive plans.

- Building Codes
- Zoning Ordinances
- Subdivision Ordinances
- NFIP Flood Damage Prevention Ordinances
- Site Plan Requirements
- Stormwater Management
- Emergency Response Plans
- Regional Canal Plans
- New York State Standard Multi-Hazard Mitigation Plan, 2011

The “Legal and Regulatory” capability assessment of each participating jurisdiction is included in Section 9, Jurisdictional Annexes and provides a listing of the local codes, ordinances, regulations and planning mechanisms available in the jurisdictions and reviewed during this planning process.

Federal and State Data

Federal and State data was collected and used throughout the mitigation process including:

- US Census data
- HAZUS-MH provided data
- FEMA “How To” Series (386-1 to 386-4, and 386-7)
- Public laws and other programs such as the NFIP were examined to complete this Plan.

A complete list of the existing data and plans used to support this HMP is included in the references section of this document. By incorporating data from existing programs into this mitigation plan, Cayuga County also was able to identify the relevance of mitigation planning to these existing programs. Implementation of this Plan through these existing plans is identified as a specific mitigation action in several areas in Section 9 of this Plan.

REVIEW OF EXISTING REPORTS AND PLANS

A summary of the reports and plans provided by Cayuga County and reviewed in the preparation of this plan is included in the following Record of Review Matrix.

Table 3-8. Record Review (Municipalities) - Record of the review of existing programs, policies, and technical documents for participating jurisdictions (all)

Existing Program/Policy/Technical Documents	Countywide *	Auburn (c)	Aurelius (t)	Aurora (v)	Brutus (t)	Cato (t)	Cato (v)	Cayuga (v)	Conquest (t)	Fair Haven (v)	Fleming (t)	Genoa (t)	Ira (t)	Ledyard (t)	Locke (t)	Mentz (t)	Meridian (v)	Montezuma (t)	Moravia (t)	Moravia (v)	Niles (t)	Owasco (t)	Port Byron (v)	Scipio (t)	Sempronius (t)	Sennett (t)	Springport (t)	Sterling (t)	Summerhill (t)	Throop (t)	Union Springs (v)	Venice (t)	Victory (t)	Weedsport (v)		
Cayuga County Agriculture and Farmland Protection Plan	✓																																			
Cayuga County Water Management Agency Annual Plan	✓																																			
Cayuga County Soil and Water Conservation Plan	✓																																			
City of Auburn Comprehensive Plan (2010)		✓																																		
City of Auburn and Cayuga County Energy Plan		✓																																		
Town of Aurelius Comprehensive Plan (2006)			✓																																	
Town of Aurelius Agricultural and Farmland Protection Plan			✓																																	
Town of Brutus Agricultural Plan					✓																															
Town of Brutus Emergency Plan					✓																															
Town of Cato Plan for Agricultural and Farmland Preservation						✓																														
Town of Ira and Cato Joint Community Comprehensive Plan (2008), (2007)						✓							✓																							
Town of Fleming Comprehensive Report											✓																									
Town of Fleming Comprehensive Plan 2001											✓																									
Town of Fleming Comprehensive Plan Addendum 2008											✓																									
Town of Genoa 2011 Comprehensive Plan Survey												✓																								
Town of Ira Flood Damage Prevention Ordinance (Flood and Stormwater Management)													✓																							
Town of Ledyard Vision Statement														✓																						
Town of Owasco Comprehensive Plan (2002)																						✓														
Town of Springport Vision Plan (2011)																											✓									
Town of Sterling and Village of Fairhaven Comprehensive Plan (2008)										✓																✓										
Town of Victory Comprehensive Plan (2011)																																			✓	
Village of Cayuga Comprehensive Plan and Waterfront Vision DRAFT (2013)								✓																												



SECTION 3: PLANNING PROCESS

Existing Program/Policy/Technical Documents	Countywide *	Auburn (c)	Aurelius (t)	Aurora (v)	Brutus (t)	Cato (t)	Cato (v)	Cayuga (v)	Conquest (t)	Fair Haven (v)	Fleming (t)	Genoa (t)	Ira (t)	Ledyard (t)	Locke (t)	Mentz (t)	Meridian (v)	Montezuma (t)	Moravia (t)	Moravia (v)	Niles (t)	Owasco (t)	Port Byron (v)	Scipio (t)	Sempronius (t)	Sennett (t)	Springport (t)	Sterling (t)	Summerhill (t)	Throop (t)	Union Springs (v)	Venice (t)	Victory (t)	Weedsport (v)
Village of Meridian Comprehensive Pan (2009)																	✓																	
Village of Union Springs Comprehensive Plan (2007)																																✓		
Lake Como Watershed Management Plan (2007)															✓									✓										
Cayuga Lake Watershed Restoration and Protection Plan (2001)			✓	✓				✓			✓	✓		✓	✓									✓	✓	✓	✓			✓	✓			
Duck Lake Watershed Management Plan (2005)									✓																									
Lake Owasco Watershed Management Plan (2001)																																		
Skaneateles Lake Watershed Management Plan 1998																						✓		✓										
Finger Lakes Regional Canal Plan (1994)																																	✓	
Development of Tourism and Economic Potential on New York's Canals (1989)																																	✓	
Canal Development Opportunities in Cayuga County (1994)																																		
Central NY Canal Plan (1994)																																		

Notes:

- ✓ = the Hazard Mitigation Plan consultant reviewed the program/policy/technical document
- * = this document may or may not include all jurisdictions



Cayuga County will ensure through the Hazard Mitigation Coordinator duties that all jurisdictions are aware they need to incorporate hazard mitigation plan aspects into their comprehensive and master plan updates, as well as making specific recommendations, such as having the Floodplain Administrator review all site plan review and zoning permits within the 100-year floodplain and including the hazards map in their plan. Municipalities now in the process of creating and/or updating their plans are the Town of Brutus and Village of Weedsport, so they will be the immediate focus.

CONTINUED PUBLIC INVOLVEMENT

Cayuga County is committed to the continued involvement of the public. Therefore, copies of the Plan will be made available for review during normal business hours at the Cayuga County Emergency Management Office.

A notice regarding annual updates of the Plan and the location of Plan copies will be publicized annually after the Planning Committee's annual evaluation and posted on the public website (<http://co.cayuga.ny.us/planning/hazmit>).

Each jurisdiction's Supervisor/Mayor or Clerk shall be responsible for receiving, tracking, and filing public comments regarding this Plan.

The public will have an opportunity to comment on the Plan as a part of the annual mitigation planning evaluation process and the 5-year mitigation plan update. The HMP Coordinator (currently Mr. Brian Dahl of Cayuga County Emergency Management Office) is responsible for coordinating the plan evaluation portion of the meeting, soliciting feedback, collecting and reviewing the comments, and ensuring their incorporation in the 5-year plan update as appropriate; however, members of the Planning Committee will assist the HMP Coordinator. Additional meetings may also be held as deemed necessary by the Planning Committee. The purpose of these meetings would be to provide the public an opportunity to express concerns, opinions, and ideas about the Plan.

Further details regarding continued public involvement are provided in Section 7.

Cayuga County is committed to the continued involvement of the public. Therefore, copies of the Plan are available for review on their public website (<http://co.cayuga.ny.us/planning/hazmit>), as well as at the Clerk's Office at participating municipalities.

After completion of the Plan, implementation and ongoing maintenance will become a function of the HMP Committee. The HMP Committee will review the Plan and accept public comment as part of an annual review and as part of five-year mitigation Plan updates.

A notice regarding annual updates of the Plan and the location of Plan copies will be publicized annually after the HMP Committee's annual evaluation and posted on the public web site.

Mr. Brian Dahl, has been identified as the ongoing County All Hazard Mitigation Plan Coordinator (see Section 7), and is responsible for receiving, tracking, and filing public comments regarding this Plan. Contact information is:

Brian Dahl, OEM Coordinator
Cayuga County Emergency Management Office
160 Genesee Street
Basement
Auburn, NY 13021

Telephone: 315-255-1161

Email: bdahl@cayugacounty.us

The public will have an opportunity to comment on the Plan as a part of the annual mitigation planning evaluation process and the five-year mitigation Plan update. The HMP Coordinator is responsible for coordinating the plan evaluation portion of the meeting, soliciting feedback, collecting and reviewing the comments, and ensuring their incorporation in the five-year Plan update as appropriate; however, members of the HMP Committee will assist the HMP Coordinator. Additional meetings may also be held as deemed necessary by the HMP Committee. The purpose of these meetings would be to provide the public an opportunity to express concerns, opinions, and ideas about the Plan.