

C. GENESEE/FINGER LAKES REGIONAL PLANNING COUNCIL (G/FLRPC)

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Agency Name:

Genesee/Finger Lakes Regional Planning Council
City Place, 50 W. Main St., Suite 8107,
Rochester, N.Y. 14614
(585) 454-0190

Title of Project:

Regional/Watershed Cooperation and Collaboration

Time Period of Project:

Ongoing

Project Location:

Genesee, Livingston, Monroe, Ontario, Orleans,
Seneca, Wayne, Wyoming and Yates Counties

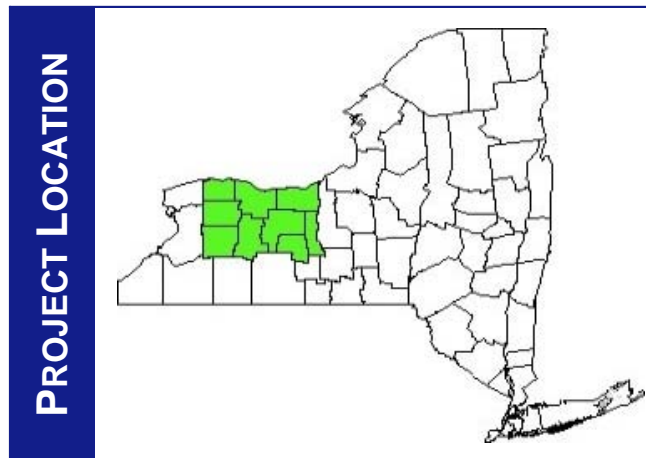
Project Contact:

David S. Zorn - Executive Director

Project Description(s):

G/FLRPC collaborates with many public sector organizations on the federal, state, and local level as well as non-profit and for-profit partners. G/FLRPC directly collaborates with the following organizations in support of its Regional Water Resources Program:

- Black Creek Watershed Coalition
- Canandaigua Lake Watershed Council
- Cayuga Lake Watershed Intermunicipal Organization (IO)
- Conesus Lake Watershed Council
- Cornell Cooperative Extension (CCE)
- County Soil and Water Conservation Districts (SWCD)
- Federal Emergency Management Agency (FEMA)
- Finger Lakes-Lake Ontario Protection Alliance (FL-LOWPA)
- G/FLRPC Planning Coordination Committee
- Genesee County Water Quality Coordinating Committee (WQCC)
- Monroe County Stormwater Coalition
- Monroe County WQCC
- Monroe County Water Quality Management Advisory Committee (WQMAC)
- New York Planning Federation



- New York State and County Departments of Health (DOH)
- New York State Association of Regional Councils (NYSARC)
- New York State Department of Environmental Conservation (NYSDEC)
- New York State Department of State (NYSDOS)
- New York State Emergency Management Office (SEMO)
- New York State Flood and Stormwater Managers Association
- Oak Orchard Watershed Alliance (OOWA)
- Oatka Creek Watershed Committee (OCWC)
- Ontario County Water Resources Council (WRC)
- Orleans County WQCC
- Seneca County WQCC
- Seneca Lake Area Partners (SLAP)
- United States Army Corps of Engineers (ACE)
- United States Environmental Protection Agency (USEPA)
- Water Education Collaborative (WEC)
- Wayne County WQCC
- Wyoming County WQCC
- Yates County WRC

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Title of Project:

Water Resources and Land Use Regulations and Controls

Time Period of Project:

2003–Ongoing

Project Location:

Genesee, Livingston, Monroe, Ontario, Seneca, Wyoming, Yates

Project Contact:

David S. Zorn, Executive Director

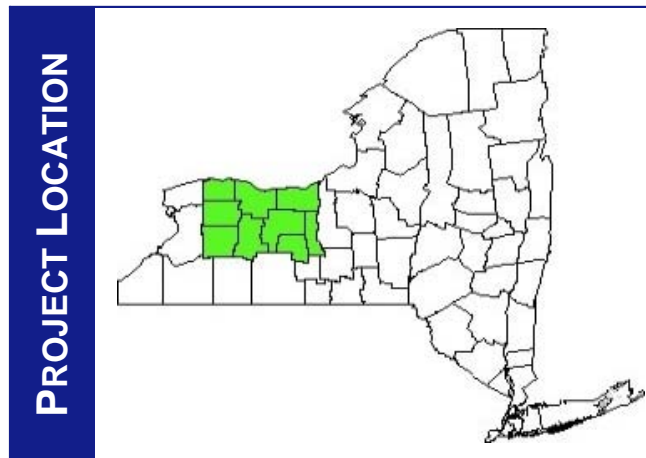
Project Description(s):

Local Laws to Protect Finger Lakes Water Quality Project Description:

Within the Finger Lakes region, watershed protection plans have been completed for Canandaigua, Cayuga, and Conesus Lake Watersheds. Preparation of each plan has been undertaken in partnership with the NYS Department of State, financed through grants from the Environmental Protection Fund - Local Waterfront Revitalization Program, and overseen by an inter-municipal organization comprised of the local governments and organizations involved in watershed protection.

There are 42 towns, 12 villages, and 2 cities located in parts of 8 counties in these three watersheds (municipalities with less than 3 square miles and less than 6% of their land area in the watershed were not included).

The watershed protection plans identify priority actions needed to protect and improve water quality, including capital projects and local development controls. This project was an initiative to begin the implementation of the watershed management plans, particularly the priority actions related to local development of land use regulations and controls. The project was comprised of three phases:



Phase I: *Assessment of Ordinances and Practices*

(<http://www.gflrpc.org/Publications/LocalLaws/Assessment/AssessmentIndex.htm>) which is an assessment and gap analysis of existing local laws, ordinances, and practices that relate to water resources in all 56 municipalities in the three watersheds.

Phase II: Working closely and collaboratively with local boards, G/FLRPC developed specific water quality control laws and/or revisions to existing regulations for selected local municipalities within the Canandaigua, Cayuga, and Conesus Lake watersheds.

Phase III: G/FLRPC prepared a manual of model local laws and case studies to reduce water pollution from non-point sources as a resource for local governments. The publication is entitled *Protecting Water Resources through Local Regulation: A Manual for New York Municipalities*

(http://www.gflrpc.org/Publications/LocalLaws/Manual/Protecting_Water_Resources.pdf). In addition, G/FLRPC conducted a series of workshops throughout the state's Great Lakes watersheds to stress the importance of local development controls as a means for addressing non-point sources of pollution, as well as to provide information and examples of local laws and controls appropriate to a variety of local circumstances.

Controlling Sediment in the Black and Oatka Creek Watersheds

This was a multi-phase project that included presentations to town and village boards on the importance of watershed management planning and associated intermunicipal cooperation, analysis and recommendations for severely eroded stream-bank segments, assessment and gap analysis of local laws and practices related to water resources and revision of local laws for selected communities and water resources issue prioritization in anticipation of watershed management planning.

Phase I: Municipal Meeting with municipal boards.

Phase II: *Identification and Analysis of the Riparian Corridor in the Black and Oatka Creek Watersheds*

(<http://www.gflrpc.org/Publications/RiparianCorridor.htm>) is a riparian corridor analysis that produced implementation-ready recommendations for severely eroded segments in the riparian corridor with a focus on erosion and sediment control.

Phase III: *Municipal Law Review and Analysis* (<http://www.gflrpc.org/Publications/ControllingSediment/Assessment/ReviewAnalysis.htm>) is an assessment and gap analysis of local laws and practices of the municipalities in the two watersheds.

Phase IV: *Water Resource Issue Identification and Prioritization* (<http://www.gflrpc.org/Publications/ControllingSediment/IssueId/IssueId.htm>)

Phase V: *Revising Local Laws* (<http://www.gflrpc.org/Publications/ControllingSediment/LocalLaws/LocalLaws.htm>) for selected communities in the watersheds based on the *Municipal Law Review and Analysis*. (<http://www.gflrpc.org/Publications/ControllingSediment/Assessment/ReviewAnalysis.htm>).

Canandaigua Lake Watershed Land Use Law Project: Genesee/Finger Lakes Regional Planning Council is assisting the Canandaigua Lake Watershed Council in the development of model laws for environmentally sensitive areas including steep slopes and water courses. Assistance in-

cludes research, assessment and development of local laws and ordinances that can be used in the Canandaigua Lake Watershed (see <http://www.gflrpc.org/Publications/Canandaigua/LandUseLaw.htm>)

Gap Analysis of Local and State Stormwater Management Requirements: The Genesee/Finger Lakes Regional Planning Council assisted Seneca

County (<http://www.gflrpc.org/Publications/GapAnalysis/Seneca/Index.htm>), Wyoming County (<http://www.gflrpc.org/Publications/GapAnalysis/Wyoming/Index.htm>), and Yates County (<http://www.gflrpc.org/Publications/GapAnalysis/Yates/Index.htm>) in the development, distribution and outreach associated with this analysis for the implementation of the local laws components of the Stormwater Phase II Regulations permitting process.

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Title of Project:

Stormwater Phase II Regulations: Development
and Implementation

Time Period of Project:

2002–Ongoing

Project Location:

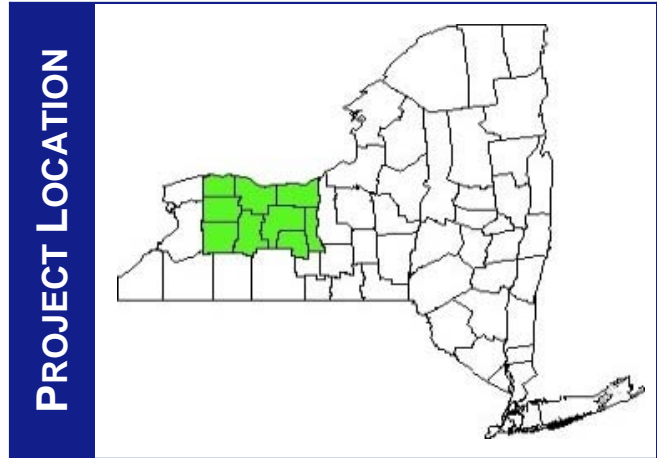
Genesee, Livingston, Monroe, Ontario, Orleans,
Seneca, Wayne, Wyoming and Yates Counties

Project Contact:

David S. Zorn - Executive Director

Project Description(s):

This is a multi-phase program in association with the New York State Department of Environmental Conservation and the New York State Association of Regional Councils that initially included assistance with development of the program and now includes various tasks associated with implementation of the program for Municipal Separate Storm Sewer Systems (MS4s) (urbanized area) and non-regulated communities through the State Pollutant Discharge Elimination System (SPDES) permitting process. Tasks include outreach, technical support, compliance assistance and integration with local laws and practices.



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Title of Project:

Watershed Planning and Management

Time Period of Project:

1995–Ongoing

Project Location:

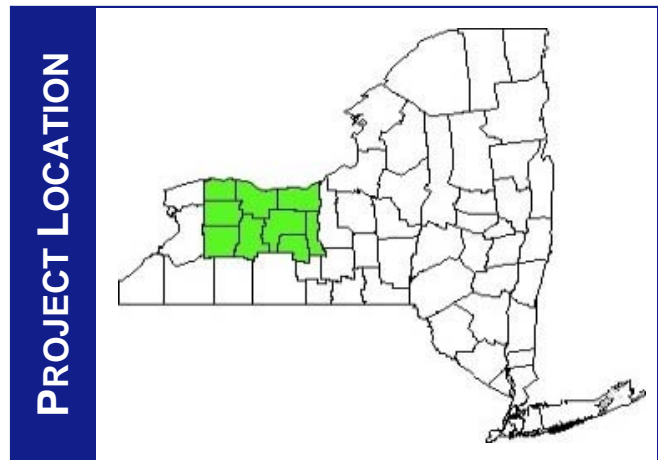
Genesee, Livingston, Monroe, Ontario, Orleans,
Seneca, Wayne, Wyoming and Yates Counties

Project Contact:

David S. Zorn - Executive Director

Project Description(s):

Cayuga Lake Watershed: The *Cayuga Lake Watershed Restoration and Protection Plan* (RPP) process began in 1998. The process can be broken down into six interactive components. These include Scoping, Data Collection, Assessment and Targeting, Strategy Development, Implementation, and Evaluation. Initial scoping took place in 1998 and again in 1999 at the beginning of the second phase of the project. Data collection began in late 1998 and has been responsible for a sizable amount of information and data acquired and developed for the purposes of characterizing the watershed. Both the scoping and data collection components fed into the assessment and targeting component with the development and subsequent publishing of the *Cayuga Lake Preliminary Watershed Characterization* (2000, <http://www.cayugawatershed.org>) which attempts to both describe the current understanding of the state of the watershed and the history and status of the watershed management planning process. The strategy development component began with a scope and an issues prioritization, and culminated with the development of the RPP, (<http://www.cayugawatershed.org>) which attempts to provide a road map and promote the understanding that is vital to maintain and improve the ecological health and beauty of the watershed and the protection and preservation of Cayuga



Lake, along with building and maintaining a productive economy in order to sustain a healthy social environment for the people of the Cayuga Lake Watershed. While implementation began prior to, and during the development of, the RPP, significant implementation has been driven from, and by, the collective energy of the RPP.

Seneca Lake Watershed: The Seneca Lake watershed management planning process began in 1996 with the development of the *Seneca Lake Watershed Study: Developing and Understanding of An Important Natural Resource*. The next step was the development of *Setting A Course For Seneca Lake, The State of the Seneca Lake Watershed* (1999). This report describes the state of the watershed research, analysis and discussions, identifies problems facing the watershed, and details the public education and outreach efforts. It is accompanied by a detailed appendix and a compact disk (CD) which contains the original computer mapping and databases, such as land use, soils, the agricultural inventory, the resident survey and the lakeshore owners survey, for use by anyone interested in conducting his/her own research (see <http://www.gflrpc.org/Seneca%20Lake/Watershed%20Report/WatershedState.htm>).

[Conesus Lake Watershed Management Plan:](#) The G/FLRPC Water Resources Program staff has assisted the Livingston County Planning Department with the development of the Conesus Lake Watershed Management Plan. For more information, visit <http://co.livinston.state.ny.us/Conesus.htm>.

[Rochester Embayment Remedial Action Plan Stage II:](#) G/FLRPC coordinated the Upstream Remedial Action Ranking Process, helped staff the RAP Studies and Monitoring Task Group, and worked with Monroe County Health Department to consider present and future strategies for carrying out actions outlined in the RAP. The upstream process ranked actions for RAP Possible New Remedial Measures, and developed Proposed Water Quality Actions. The purpose of the studies and monitoring task group was to share, process information, and rank priorities regarding the studies and monitoring sections of RAP. G/FLRPC is a member of the Water Quality Education Collaborative RAP implementation task group.

[Genesee River Basin Action Strategy](http://www.gflrpc.org/Publications/GenRiverActionStrategy.htm) (<http://www.gflrpc.org/Publications/GenRiverActionStrategy.htm>): G/FLRPC staff, working with Basin stakeholders developed the Genesee River Basin Action Strategy. The Strategy includes a State of the Basin along with identifying and prioritizing watershed and Basin issues and strategies. The purpose of the Action Strategy is to develop and/or compile and document a strategy for the Basin that brings together all appropriate agencies and stakeholders to focus support in the form of grant dollars, technical assistance and other resources to address the priority water and natural resource needs in that watershed. Associated with this project is the development of a digital land use coverage that serves as input into a Genesee River Basin Sediment Transport Model.

[Oatka Creek Watershed Steward:](#) The G/FLRPC is serving as the Oatka Creek Watershed Steward and is responsible for assisting the Oatka Creek Watershed Committee, going from a State of the Basin to a Watershed Management Plan. Initial

work included public meetings and creating municipal involvement through an intermunicipal agreement.

[Honeoye Lake Watershed Management Plan:](#) G/FLRPC is assisting the Honeoye Lake Watershed Task Force in the development of the Honeoye Lake Watershed Management Plan.

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Title of Project:

Data Collection and Development

Time Period of Project:

1994–Ongoing

Project Location:

Genesee, Livingston, Monroe, Ontario, Orleans,
Seneca, Wayne, Wyoming and Yates Counties

Project Contact:

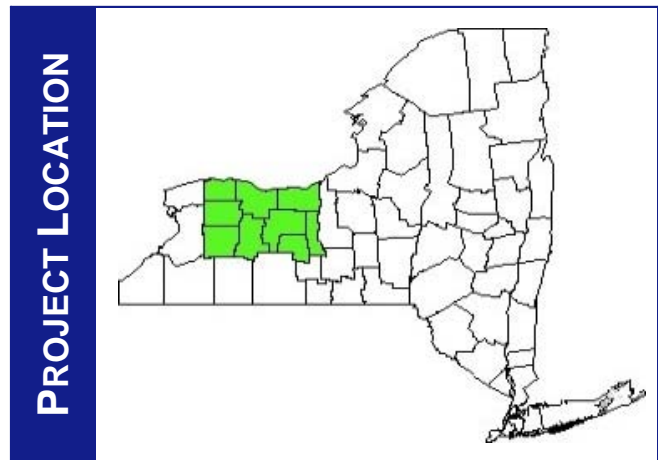
David S. Zorn - Executive Director

Project Description(s):

Geographical Information Systems and Remote Sensing: G/FLRPC has a fully developed geographic information system (GIS) and Remote Sensing Program that includes data, database, system and applications development. G/FLRPC GIS expertise is used to support, among other things, the Water Resources Program. This includes watershed planning/management, groundwater/sourcewater protection, information/outreach, and inventory.

Streambank and Roadbank Inventory: G/FLRPC has conducted streambank and roadbank inventories in the Seneca and Cayuga Watersheds (see the Seneca Lake Watershed Streambank and Roadbank Inventory as part of the Setting A Course For Seneca Lake, The State of the Seneca Lake Watershed at <http://www.gflrpc.org/Publications/SenecaLakeWMP.htm> and the Cayuga Lake Watershed Streambank and Roadbank Inventory Project at <http://www.cayugawatershed.org>)

Road Deicing and Storage Inventory: G/FLRPC has conducted road deicing and storage inventories in the Genesee/Finger Lakes Region and the Cayuga Lake Watershed (see the Genesee/Finger Lakes Region Road Deicing and Storage Inventory at



<http://www.gflrpc.org/Publications/RoadDeicing.htm> and the Cayuga Lake Watershed Road Deicing and Storage Inventory as part of the Cayuga Lake Preliminary Watershed Characterization at <http://www.cayugawatershed.org>).

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Title of Project:

Education/Information/Outreach

Time Period of Project:

1992–Ongoing

Project Location:

Full region

Project Contact:

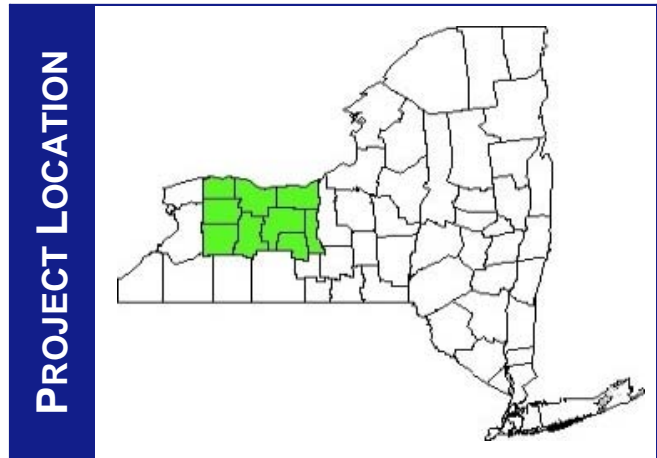
David S. Zorn - Executive Director

Project Description(s):

Regional Local Government Workshops: G/FLRPC presents two local government workshops per year. The workshops attract municipal and county boards, elected officials, developers, planning professionals, and municipal staff. The workshops cover a wide range of local government issues including water resources related topics such as SEQRA, Storm Water Management and Erosion Control, Wetlands, On-Site Wastewater Systems and Flood Plains (see <http://www.gflrpc.org/ProgramAreas/AdditionalServices/Workshops.htm>).

Stormwater Phase II: Education, information and outreach is an integral part of the work that G/FLRPC does in association with the New York State Department of Environmental Conservation to assist with implementation of Stormwater Phase II regulations.

Public Meetings and Workshops: G/FLRPC developed and coordinated presentations as part of the Rochester Embayment Remedial Action Plan, Upstream Outreach. The emphasis was on actions affecting the upstream counties in the Genesee River Basin. Land uses in the predominantly rural, upstream portion of the Genesee River basin differs from the predominately urban/suburban downstream portion of the basin.



Watershed Management: An education/information/outreach component is part of each watershed management project that has been completed through G/FLRPC. This has included the use of advisory committees, development and facilitation of curriculum, and public outreach.

Groundwater Protection: An education /information/outreach component is part of each well-head/sourcewater protection project that has been completed through G/FLRPC. This has included the use of advisory committees, development and facilitation of curriculum, and public outreach.

Internet Web Site: G/FLRPC has dedicated a portion of its internet web site to its Regional Water Resources Program. This portion of the site includes information on current projects, tools for communication and information and resource sharing, and links to other important water quality-related sites (see also <http://www.gflrpc.org>).

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Title of Project:

Flood and Hazard Mitigation Planning

Time Period of Project:

1990–Ongoing

Project Location:

Genesee, Livingston, Orleans, Wayne, and Wyoming Counties

Project Contact:

David S. Zorn - Executive Director

Project Description(s):

Town and Village of Arcade Flood Mitigation Plan (<http://www.gflrpc.org/Publications/ArcadeFlood.htm>):

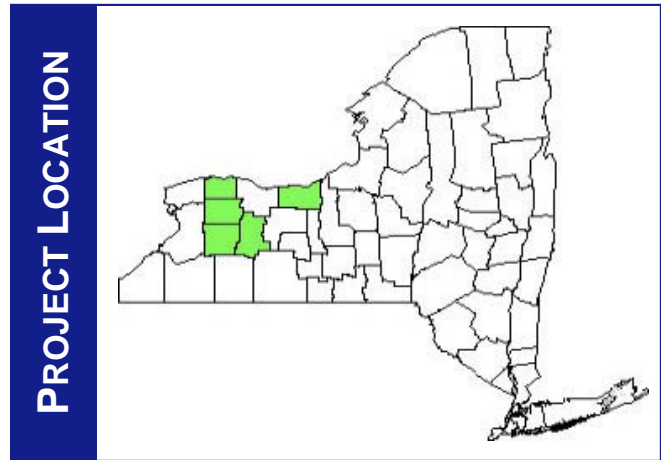
The Plan reviews flood risks and hazards, encourages public involvement, developed mitigation activities, and recommended action steps to alleviate flood-related problems in the Village and Town of Arcade.

Wyoming and Genesee Counties Joint Flood Mitigation Plan (<http://www.gflrpc.org/Publications/JointFlood.htm>):

G/FLRPC staff, in association with the Genesee and Wyoming Counties Emergency Management Office developed flood mitigation plans for the two counties and 24 participating municipalities along the Tonawanda and Oatka Creeks in Genesee and Wyoming Counties. The plans have been adopted by most of the municipalities and will be used for land use regulation and control and mitigation implementation activities.

Town and Village of Arcade All-Hazard Mitigation Plan (<http://www.gflrpc.org/Publications/ArcadeAllHazard.htm>):

The development of the Town and Village of Arcade Hazard Mitigation Plan was a three-phase process. The first phase was the development of the Town and Village of Arcade Flood Mitigation



Action Plan, which was completed in September 1999. The second phase was the completion of a hazard analysis in 2002. The third phase was the development of the all Hazard Mitigation Plan in 2003, which includes the integration of the Flood Mitigation Action Plan and the hazard analysis.

Genesee County Multi-Jurisdictional All-Hazard Mitigation Plan <http://www.gflrpc.org/GeneseeAllHazard.htm>:

Hazard mitigation planning is the process of determining how to reduce or eliminate the loss of life and property damage resulting from natural and human-caused hazards. The development of the Genesee County All-Hazard Mitigation Plan began in March 2006 and is a multi-phase process that includes stakeholder and public participation, hazard assessment and mitigation strategies.

Livingston County Multi-Jurisdictional All-Hazard Mitigation Plan <http://www.gflrpc.org/LivingstonAllHazard.htm>:

Hazard mitigation planning is the process of determining how to reduce or eliminate the loss of life and property damage resulting from natural and human-caused hazards. The development of the Livingston County All-Hazard Mitigation Plan began in June 2005 and is a multi-phase process that includes stakeholder and public participation, hazard assessment and mitigation strategies.

Orleans County Multi-Jurisdictional All-Hazard Mitigation Plan <http://www.gflrpc.org/OrleansAllHazard.htm>:

Hazard mitigation planning is the process of determining how to reduce or eliminate the loss of life and property damage resulting from natural and human-caused hazards. The development of the Orleans County All-Hazard Mitigation Plan began in March 2006 and is a multi-phase process that includes stakeholder and public participation, hazard assessment and mitigation strategies.

[Wayne County Multi-Jurisdictional All-Hazard Mitigation Plan](http://www.gflrpc.org/WayneAllHazard.htm) <http://www.gflrpc.org/WayneAllHazard.htm>:

Hazard mitigation planning is the process of determining how to reduce or eliminate the loss of life and property damage resulting from natural and human-caused hazards. The development of the Wayne County All-Hazard Mitigation Plan began in February 2005 and is a multi-phase process that includes stakeholder and public participation, hazard assessment and mitigation strategies.

[Wyoming County Multi-Jurisdictional All-Hazard Mitigation Plan](http://www.gflrpc.org/WyomingAllHazard.htm) <http://www.gflrpc.org/WyomingAllHazard.htm>:

Hazard mitigation planning is the process of determining how to reduce or eliminate the loss of life and property damage resulting from natural and human-caused hazards. The development of the Wyoming County All-Hazard Mitigation Plan began in January 2006 and is a multi-phase process that includes stakeholder and public participation, hazard assessment and mitigation strategies.

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Title of Project:

Ground Water/Source Water Protection

Time Period of Project:

1990–1998

Project Location:

Genesee, Livingston, Monroe, Ontario, Orleans,
Seneca, Wayne, Wyoming and Yates Counties

Project Contact:

David S. Zorn - Executive Director

Project Description(s):

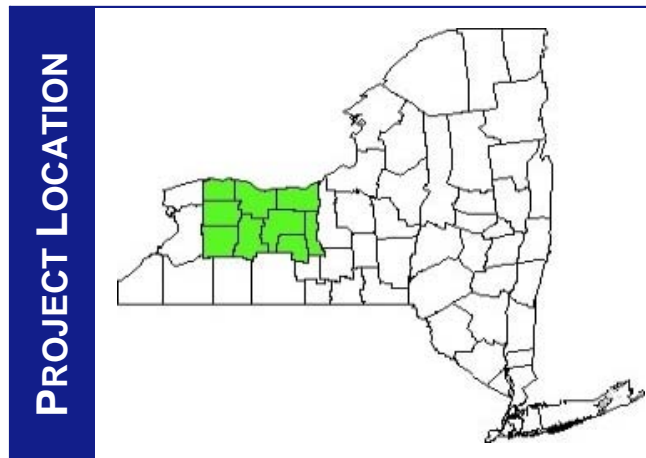
Regional Wellhead Protection Study: G/FLRPC completed a Regional Wellhead Protection Study in 1998, which includes an inventory of all public ground water supplies in the region and source water assessments of nine selected high priority public ground water supplies. The nine communities are the Village of Oakfield and Town of Pavilion in Genesee County, and North Java, Bliss, Village of Wyoming, Village of Pike, Village of Silver Springs, Varysburg, and the Town and Village of Arcade in Wyoming County (see Genesee/Finger Lakes Wellhead Protection Study: Nine Source Water Assessments at http://www.gflrpc.org/EPA%20Sourcewater/report_open.htm).

Groundwater/Source Water Protection Project:

The following studies involved a five-step process. These are the formation of a community planning team, a delineation of the protection area, identification and location of potential sources of contamination, recommendations for the wellhead protection area, and a plan for the future:

Town of Victor Underground Injection Control/Wellhead Protection Demonstration Project:

The project was completed in 1994.



Underground Injection Control and Wellhead Protection Demonstration Project - Village of Holley Water Supply: The project was completed in 1994.

Village of Castile Wellhead Protection Project: The project was completed in 1996.

Batavia Wellhead Protection Project: The project was completed in 1996.

Rose Wellhead Protection Project: The project was completed in 1996.

Village of Dundee Wellhead Protection Project: The project was completed in 1995.