**Tyringham Municipal Vulnerability Preparedness (MVP) Survey**

Climate change has the potential to impact our economy, how we support our community’s health and vulnerable residents, how we build our infrastructure, and how we protect our natural resources. Your voice represents a unique perspective from the Tyringham community, and by taking this survey you will help us prepare for a more resilient future. Please stay up to date on this planning process by checking the Town’s website at <https://www.tyringham-ma.gov/mvp-committee>. Please return your survey by February 1st.

If you have additional input, questions, or barriers to participating, please contact Laura Lee Bertram (Town of Tyringham) at 413-243-1749 x102 or email to: tyrcc@bcn.net.

**Survey Questions**

What climate hazard are you most concerned about impacting Tyringham? Please rank the following options from most concerning (number 1) to least concerning (number 7)

* Flooding
* Extreme temperatures
* Winter weather
* Drought
* Brushfires and wildfires
* Severe wind events (tornado, hurricane)
* Others \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How have these hazards impacted you or your community? Memories of climate hazards could include flooding of local roads, heat waves, heavy snowfall or ice storms, high winds, drought conditions, business and school disruptions, and more.

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What steps have you taken to prepare for extreme events? Check all that apply.

I have a kit in case of emergencies (which may include food, water, flashlights, batteries, and other supplies)

I receive news, updates, and information about emergency preparedness in Tyringham

I know where the nearest local shelter is

I know what the local evacuation routes are

I know what community resources and/or support are available to me

I have backup power options (generator, solar panels, extra firewood)

I have increased my food security with a garden or stockpiling nonperishable foods

I check on a vulnerable neighbor and help them with food, snow removal, or other support during an extreme event

A neighbor checks in on me and helps with food, snow removal, or other support during an extreme event

Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What are some of Tyringham's greatest strengths? Check all that apply.

Experienced Highway Department

Emergency facilities, including the Fire Station

Communications infrastructure, including the Town's Emergency Notification System

Natural features, including open space, trails, trees, ponds, wetlands, streams, and fisheries

Public facilities, including the library

Public support systems, including Council on Aging

Transportation infrastructure, including roads and bridges

Agriculture, including local farms

Local businesses

Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What are some of Tyringham's greatest vulnerabilities? Check all that apply.

Culverts, undersized drainage infrastructure, impervious surfaces, and stormwater runoff

Impacts from beavers, including flooding, damage to electrical or gas generation equipment, and water quality concerns

Vulnerable populations, including identifying shelter capacity, meeting medical needs, and reaching at-risk residents

Potential dam failure

Erosion of land surrounding bridges and roadways

Increased public health hazards posed by climate change, including ticks, mosquitos, and asthma

Invasive species, crop disease, and pest infestations

New development in hazard-prone areas

Private drinking water wells

Power outages due to extreme wind or winter weather events

Communications/Phone outages due to extreme wind or winter weather events

Spills along transportation routes

Not having an appropriate sized Highway Garage facility located outside the flood zone

Gas transmission pipeline

Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What do you think Tyringham's top priorities should be for building climate resilience? Please select your top three actions.

Locating suitable land outside of a flood zone to build a highway garage facility

Pursuing data or studies showing the projected impacts of future climate hazards in Tyringham, such as updated flood maps

Assessing and redesigning critical infrastructure including roads, bridges, and culverts to improve stormwater management and prepare for future hazards

Planning to address invasive species and their impacts on natural resources

Educating the public on hazard impacts and emergency preparedness

Developing plans and actions to protect habitat corridors and reduce development in hazard-prone areas

Updating bylaws and regulations to incorporate climate change considerations

Identifying needs for public facilities and services to better support vulnerable residents during an extreme event, such as emergency shelters and backup power

Developing a tree and forest management plan in partnership with utility companies to manage potentially hazardous areas and preserve forests

Strategic planning to identify how regional agriculture can be resilient to natural hazards and climate change

Assessing watershed protection opportunities and developing regional partnerships to improve water quality

Conducting a town-wide water supply analysis

Investigating opportunities for renewable energy

Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How would you like to receive information about climate change risks and resiliency projects in Tyringham? Check all that apply.

Surveys

PDFs available online

Information posted to the Town of Tyringham website

In-person events

Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Additional comments or questions about planning for climate resiliency that you would like to share with the project team:

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If you are interested in receiving additional updates related to climate or planning initiatives in Tyringham, please enter your name and email below.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Email address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Optional Demographic Questions**

Please tell us about your connection to Tyringham by selecting all that apply:

I rent a home or apartment in Tyringham

I own a home (primary residence) in Tyringham

I work in Tyringham

I own a business in Tyringham

I own a home (secondary residence) in Tyringham

Please select your age range:

Under 18 years old

18-35

36-55

56-65

66-75

Over 75

How would you describe yourself?

White

Black or African-American

American Indian or Alaskan Native

Asian

Native Hawaiian or other Pacific Islander

Multiple races



Are you of Hispanic, Latino, or of Spanish origin?

Yes

No