

## Climate Action Plan Survey Fall of 2018

The City of Northfield's Strategic Plan for 2018-2020 outlines six strategic priorities one of which includes Climate Action within the next two years.

The City of Northfield desires to have a community that is resilient and sustainable. The information provided from your responses will help with the Creation of Northfield's 2020 Climate Action Plan.

Your responses are voluntary and confidential. Responses will not be identified by individual. All responses will be compiled together and analyzed as a group.

Please take the next 5 to 7 minutes to complete this survey

Thank you for participating,

*The Climate Action Plan Advisory Board.*

1. How often do you think about climate change? Choose one.

- ☐ Every day
- ☐ Once a week
- ☐ Once a month
- ☐ A couple times a year
- ☐ Never

2. How well informed are you about the effects of a changing climate? Choose one.

- ☐ Extremely informed
- ☐ Moderately informed
- ☐ Somewhat informed
- ☐ I don't know much about it
- ☐ Not at all

3. Consequences of Minnesota's climate changes. Please rank each consequence with your level of concern.

|                                     | Extremely<br>concerned | Moderately<br>concerned | Somewhat<br>concerned | Slightly<br>concerned | Not<br>concerned<br>at all |
|-------------------------------------|------------------------|-------------------------|-----------------------|-----------------------|----------------------------|
| Increased flooding                  | <input type="radio"/>  | <input type="radio"/>   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      |
| Precipitation extremes              | <input type="radio"/>  | <input type="radio"/>   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      |
| Temperature and<br>seasonal changes | <input type="radio"/>  | <input type="radio"/>   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      |

|                                            |                       |                       |                       |                       |                       |
|--------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Impacts on agriculture and food production | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Loss of habitat/species                    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Decreased air quality                      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Longer allergy season                      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Decreasing lake and river quality          | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Insect borne diseases                      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Changing winter recreation options         | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**4. If any, what actions are you currently taking to reduce the impacts of climate change? Check all that apply.**

- ☐ Getting informed and involved. Example; joining an organization, attending a workshop, voting.
- ☐ Reducing consumption of electricity and natural gas. Example; using energy-efficient products, reducing heat and air conditioning use, reduced use of appliances and electrical devices.
- ☐ Reducing water consumption. Example; reducing water usage, installing water saving devices.
- ☐ Reducing waste. Example; reusing, recycling, and composting.
- ☐ Having a smaller family
- ☐ Reducing fuel consumption. Example; minimize travel by car and/or plane, drive energy/fuel efficient car, use public transportation, bike or walk.
- ☐ Buying local goods and products. Example; buying local produce, buying from local businesses.
- ☐ Buying greener products. Example; products with less/no packaging.
- ☐ Consciously buying less stuff.
- ☐ Eating less meat.
- ☐ None of the above.
- ☐ Other (please specify)

**5. If you think there are barriers to addressing climate change, what are they? Choose all that apply.**

- ☐ Lack of public information and education
- ☐ Cost of implementation

- ☐ Difficulty in changing behavioral habits
- ☐ Lack of business or industry support
- ☐ Public-private coordination
- ☐ Uncertainty
- ☐ I don't see any barriers
- ☐ There is no need to address climate change

#### COMMUNITY:

6. There are several ways to reduce a community's greenhouse gas emissions. Please rate your degree of support for the following suggested possible broad future actions on the core areas below.

| Energy                                                                                            | Strongly support      | Somewhat support      | Neither support nor oppose | Somewhat oppose       | Strongly oppose       |
|---------------------------------------------------------------------------------------------------|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|
| Securing renewable energy sources (wind, solar, geothermal, and hydroelectric) for the community. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Adopt higher energy efficient building standards                                                  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Update existing buildings to reach higher energy efficiency standards.                            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |

| Transportation                                                   | Strongly support      | Somewhat support      | Neither support nor oppose | Somewhat oppose       | Strongly oppose       |
|------------------------------------------------------------------|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|
| Transition the government used vehicle fleet to electric         | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Increase public transportation options and routes                | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Increase the electric vehicle capability around the city         | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Develop infrastructure for pedestrian and bicycle transportation | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |

| Waste & Materials                                                                     | Strongly support      | Somewhat support      | Neither support nor oppose | Somewhat oppose       | Strongly oppose       |
|---------------------------------------------------------------------------------------|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|
| Adopt a community-wide composting program                                             | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Prevent the creation of residential, commercial, and municipal waste.                 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Adopt waste disposal practices reducing residential commercial trash and recyclables. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |

| Land                                                                                                 | Strongly support      | Somewhat support      | Neither support nor oppose | Somewhat oppose       | Strongly oppose       |
|------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|
| Create a community plan to reduce sprawl, encourage less vehicle travel and more walking and biking. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Increase green space around waterways and roads                                                      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Increase the planting of trees and create wildlife habitat.                                          | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |

| Food                                                                                                                          | Strongly support      | Somewhat support      | Neither support nor oppose | Somewhat oppose       | Strongly oppose       |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|
| With the help of neighboring farms, develop a robust and sustainable food economy to increase the availability of local food. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Decrease waste overall. By, for example, banning non-recyclable products and plastic bags.                                    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Increase food recovery programs to put unused food back into the community.                                                   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |

| Water, Wastewater and Storm water                                                                                          | Strongly support      | Somewhat support      | Neither support nor oppose | Somewhat oppose       | Strongly oppose       |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|
| Update the city's storm water system and other policies to reduce flooding and to protect the Cannon River from pollution. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Reduce residential, commercial, industrial, and municipal water use.                                                       | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Reduce surface and groundwater pollution                                                                                   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |

7. What topics would you like more information about? Select your top 5 topics.

- ☐ Energy efficiency in residential
- ☐ Energy efficiency in commercial buildings
- ☐ Renewable energy alternatives
- ☐ Carbon sequestration through forestry and vegetation
- ☐ Water conservation
- ☐ Transportation efficiency such as using public transport or carpooling
- ☐ Alternative transportation choices such as biking and walking
- ☐ Waste diversion through composting and reusing
- ☒ Practicing the 4 Rs – refuse, reduce, reuse, recycle
- ☐ Consumption reduction – food, goods, and products
- ☐ Plant-based diet and the carbon footprint of food
- ☐ None of the above
- ☐ Other (Please specify)

8. If you would like to reduce your impact, what kinds of resources and/or information do you think would help you achieve that? Choose up to 3.

- ☐ Community events/Workshops

- ☐ Informational factsheet
- ☐ Case studies
- ☐ Climate science FAQs
- ☐ Calculating your own carbon “footprint”
- ☐ Web-based learning

9. If you wanted to learn more about Northfield’s Climate Action Plan, how would you want to learn about it? Check all that apply.

- ☐ Community events and workshops
- ☐ City of Northfield website
- ☐ E-subscriptions, or email news bulletins
- ☐ Social media (Facebook, Instagram, Twitter, LinkedIn, etc.)
- ☐ City Channel/Cable TV station
- ☐ Northfield News
- ☐ The Entertainment Guide
- ☐ KYMN Radio 95.1
- ☐ Other (please specify)

**Demographics (The City is trying to reach all demographics to develop a community Climate Action Plan, that is why we are asking the following questions):**

10. Which of the following describes you? Choose all that apply.

- ☐ Live and own a home in Northfield
- ☐ Live and rent in Northfield
- ☐ Live in a neighboring community
- ☐ Work in Northfield full-time
- ☐ Work in Northfield part-time
- ☐ Student in Northfield (non-college)
- ☐ Carleton or St. Olaf College student

- ☐ Own a business in Northfield
- ☐ Retired
- ☐ Other (please specify)

11. What is the highest degree or level of education you have completed?

- ☐ Less than 8<sup>th</sup> grade
- ☐ 9<sup>th</sup> to 12<sup>th</sup> grade no diploma
- ☐ High school graduate or GED
- ☐ Some college, no degree
- ☐ Associate's degree
- ☐ Bachelor's degree
- ☐ Graduate or professional degree

12. What is your age group?

- ☐ Under 18
- ☐ 18-24
- ☐ 25-34
- ☐ 35-44
- ☐ 45-54
- ☐ 55-64
- ☐ 65 -74
- ☐ 75+

13. Do you have any other comments or suggestions?