



Addressing a Changing Climate

In 2017, the City of Bozeman passed a resolution to join the Climate Mayors, a partnership of over 400 United States mayors committing to uphold the goals of the Paris Climate Agreement through local action. The City’s existing emissions reduction goals, outlined in the 2011 Community Climate Action Plan (CAP), will be updated to reflect this commitment; mitigation strategies from the 2011 CAP will be revised or replaced to reflect the latest available climate science, new technologies, and evolving community priorities. Anticipating future changes and the need to adapt to the risks associated with changing local climate conditions, the Climate Plan will also include strategies to improve the City’s climate resiliency. The City established the following objectives to guide development of the Bozeman Climate Plan:

1. Align the City’s emissions reduction goals in accordance with the Paris Climate Agreement.
2. Create an actionable project implementation and policy-making guide.
3. Include a diverse group of stakeholders in shaping Bozeman’s response to climate change.

Focus Areas:

The Climate Plan will identify strategies for climate mitigation and adaptation in areas with the greatest opportunities shown to the right. Climate equity and human health and well-being will serve as cross-cutting themes throughout the plan’s development.



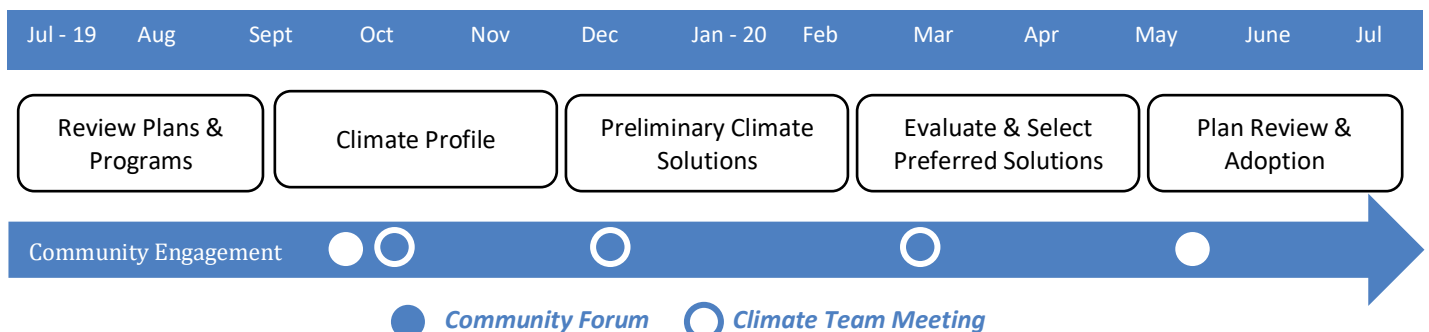
Climate Plan Focus Areas

Climate Impacts

The 2019 City Climate Vulnerability Assessment & Resiliency Strategy identifies the following consequences of climate change. The Climate Plan will explore solutions to address these climate impacts and improve community resiliency.

Extreme Heat More frequent & intense	Mountain Snowpack Decline in volume
Floods More severe	Wildfire More extensive, frequent, & intense
Drought More frequent & intense	Winter Storms More severe

Timeline



Be Part of the Solution

The Bozeman Climate Plan will only be successful if there is community support for the solutions identified. The Mayor will invite community stakeholders to be part of a Climate Team that will help develop the goals and actions for Bozeman's Climate Plan. In addition, two public community forums will help ensure alignment between the community and the planning team:

1. **Vision & Goals Community Forum** to provide information on the anticipated effects of climate change in Bozeman and provide an opportunity for input on community climate goals and potential solutions.
2. **Community Review Forum** to present the draft plan and preferred climate solutions. There will be an opportunity for final plan refinement as well as information about how to serve as a community champion by helping implement identified solutions.

Please check our website (www.Bozeman.net/ClimatePlan) for more information on the process of applying to be part of the Climate Team, details on the forthcoming community forums, and to take a short survey.

Key Terms	Definitions
Climate Adaptation	Actions that help cope with the effects of climate change.
Climate Change	Long-lasting changes in average weather conditions encompassing both increases and decreases in temperature as well as shifts in precipitation, severe weather events, and other features of the climate system.
Climate Equity	Ensure that all people have the opportunity to benefit equally from climate solutions, while not taking on an un-equal burden of climate impacts. Source: (ICLEI, 2019)
Climate Mitigation	Human intervention to reduce the human impact on the climate system.
Climate Resilience	The ability and extent to which systems can prepare and plan for, absorb, respond to, recover from, and adapt to the effects of climate-related shocks and chronic stressors. Source: Adapted from (The National Academies, 2012)
Shock	A sudden acute event that refers to a high-impact, short-term event that may significantly affect basic services, public safety, or the environment (e.g., wildfire, heat waves, drought, flood, winter storms).
Stressor	A chronic stress that refers to an ongoing environmental, social, and/or economic issue that weakens a system (e.g., high unemployment, climate change, poverty).

Contact Information

For more information, please direct questions to:

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Project website:

www.Bozeman.net/ClimatePlan