NATURE-BASED CLIMATE SOLUTIONS
2014 OPEN SPACE PLAN - GOALS

Natural Areas: To provide access to representative natural community types within the Burlington parks system for residents, especially children, to be able to experience and learn about the different plants and animals that live in them.

Urban Agriculture: To support urban agricultural initiatives by (1) Prioritizing the development of agricultural areas and new community gardens spaces in underserved neighborhoods through the utilization of existing public lands or by acquiring additional lands where necessary, and (2) Supporting food forestry and edible landscape initiatives.

Parkland Access, Connectivity, and Trails: To provide public park access to all neighborhoods of the City and enhance pedestrian and bicycle connectivity among new and existing parks.

Green Infrastructure: To increase the inventory of pocket parks within the urban core that can provide multiple benefits, including infiltration and/or retention of stormwater, respite from the urban landscape, and shade.

INCORPORATE CLIMATE CHANGE
Nature-based climate solutions work with our soil, plants, trees and water alongside community partnership, education, and participation to strengthen our people and our natural areas to combat climate change.
WILDLIFE AND PLANT HABITAT
CITY OF BURLINGTON

Legend
- Burlington Town Boundary
- Surface Water
- Habitat Blocks/Wildlife Corridors*

Species Habitat Classification
- State-Endangered
- State-Threatened
- Other**

*Habitat blocks/wildlife corridors are areas of contiguous forest and other natural habitats that are unfragmented by roads, development, or agriculture. This layer represents blocks larger than 20 acres.

**Species habitat areas classified as other are rare, very rare, or uncommon in Vermont, but are not classified as threatened or endangered.

Created by: M. Kelly, 1/15/21
Base map: Esri, HERE, Garmin, iMap OpenStreetMap contributors, and the GIS user community
Coordinate System: NAD 1983 State Plane Vermont FIPS 4400
Source credits: City of Burlington, VT DataPort

TREE CANOPY
CITY OF BURLINGTON

Legend
- Burlington Town Boundary
- Surface Water
- Tree Canopy*

*Tree canopy data was derived from 2016 high-resolution remotely sensed data by the University of Vermont Spatial Analysis Laboratory.

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Outreach, Engagement, and Education

**PHASE 1**
JAN-FEB

- **Webpage**
  - Project Feedback form
  - Artist infographics

**PHASE 2**
FEB-MAR

- Meetings with boards, commissions, and organizations
- Flyer

**PHASE 3**
MARCH-MAY

- Advertising and hosting March 29th Summit
- Roll out nature-based solutions profiles and survey
- Direct communications
- UVM class meetings
Next Steps