



CITY OF  
BAINBRIDGE ISLAND

CLIMATE CHANGE  
ADVISORY COMMITTEE  
SPECIAL MEETING  
MONDAY, JULY 15, 2019  
6:30 – 8:30 PM

CITY HALL  
COUNCIL CONFERENCE ROOM  
280 MADISON AVENUE NORTH  
BAINBRIDGE ISLAND, WA 98110

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## AGENDA

Members:      Jens Boemer                      Lara Hansen                      David McCaughey (Co-Chair)  
                    Derik Broekhoff                      Gary Lagerloef                      Nora Ferm Nickum  
                    Michael Cox (Co-Chair)                      Julie Matthews                      Deborah Rudnick

Liaison:      Councilmember Ron Peltier (for Joe Deets)

- 6:30      Call meeting to Order/Roll Call/Accept of Modify Agenda/Conflict of Interest Disclosure
- 6:35      Approve June 19<sup>th</sup> Minutes (attached)
- 6:40      Public Comment
- 6:50      Report out on Process for Developing Climate Action Plan  
            - Proposed timeline (attached)  
            - Sample Survey Questions (attached)
- 7:05      Climate Action Plan Outline (attached)  
  
            - Discuss vision and goals  
            - Assign writing teams
- 7:45      Updates  
            - Shoreline Management Program team  
            - Green Building  
            - GHG Inventory
- 8:15      Other Business
- 8:30      Adjourn



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## MINUTES

Present: Committee members Derik Broekhoff, Michael Cox, Lara Hansen, David McCaughey, Michelle McClure, Nora Ferm Nickum, Deborah Rudnick, James Rufo-Hill; Council Liaison Joe Deets

Absent: Committee member Gary Lagerloef

Others: Jessie Sheldon (EcoAdapt volunteer), Tiara Adler (Planning intern for COBI), Christy Carr (COBI Planning Department)

Public: Deb Weinmann, Jens Boemer, Gloria Saylor, Randall Samstag, Jim Halbrook, Matt Perry (PSE)

1. The meeting was called to order at 6:32 pm.
2. Minutes from the previous meeting (May 15, 2019) were approved.
3. Public comment
  - Gloria Saylor said that she watched the Council study session where CCAC presented and that Mike and James did a great job.
  - Randall Samstag said that the CCAC should remain a Committee and not be converted to a Task Force.
4. Greenhouse gas inventory for schools
  - Jessie Sheldon is Bainbridge High School graduate and a current Colorado College student who is interning with EcoAdapt for the summer. She is helping to develop a school curriculum on doing a greenhouse gas inventory. The City of Bainbridge and the Bainbridge Island schools can work together in the future to update the Bainbridge Island inventory, which would reduce costs and provide valuable experience for the students.
5. Shoreline Master Program (SMP)
  - The state requires that every jurisdiction do a periodic review of its SMP every eight years; the City of Bainbridge Island is required to do its update by June 2020.
  - The SMP is a partnership with the Department of Ecology so our goals, regulations, and policies must be consistent with the state's Shoreline Management Act.
  - The periodic review must meaningfully integrate sea level rise into our Shoreline Master Program. Christy Carr and Tiara Adler came to invite the CCAC to be involved in this effort. The CCAC formed a subcommittee (Lara, Deb) to work with Christy and Tiara on this. The heavy lifting will be this summer and fall.
6. Transportation strategies for Bainbridge Island
  - Deb Weinmann presented her report on Community-focused Strategies to Reduce GHG Emissions in the Transportation Sector on Bainbridge Island. We will aim to get the report posted on the City's website.
  - In 2018, Bainbridge Islanders owned 321 battery electric vehicles and 163 plug-in hybrid electric vehicles. Bainbridge Island has 4x more per capita ownership of these vehicle types than Kitsap County as a whole. There was a 16% average annual increase in ownership of these vehicles here over the last 3 years. Deb is gathering the data on the total number of passenger vehicles on the island so we can know the percentage.
  - Bus ridership through the island (routes 90, 91, 92) has decreased since 2012. Intra-island ridership has increased slightly. Combined ridership was just over 500,000 in 2018.
  - We discussed the following strategies in Deb's report:
    - Increasing the adoption of electric vehicles. Hold an EV forum to provide information about savings, incentives, performance, convenience, etc.; organize EV drive events; increase EV charging infrastructure (beyond the four level 2 chargers currently on the island); try to partner with PSE to offer incentive programs; pass an "EV-ready" ordinance for any new developments.
    - Promote bus ridership.
    - Increase non-motorized travel in collaboration with community groups.



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7. Updates and report outs
    - CCAC membership: Michelle McClure is leaving the CCAC and will be joining ETAC.
    - CCAC as a task force: We discussed the proposal in Council to convert the CCAC into a task force.
    - City Council Study Session: James and Mike reported out on the City Council Study Session where they presented the CCAC work plan.
    - CCAC/Utility Advisory Committee (UAC) subgroup: The subgroup will meet and provide the Council with information on what other franchises are doing and ideas about what could be included in the Puget Sound Energy franchise discussion.
    - Capital Improvement Plan: The police station is a large part of the capital budget (30% for the next six years). The CCAC should advise on how to apply a climate change lens to the design to protect that investment and reduce greenhouse gas emissions.
    - GHG inventory: We are waiting for the draft report from the consultants.
    - Green building: The Design Review Board sent a memo to the City on green building in September 2018, which the City has not acted on. CCAC and the Design Review Board could send a joint memo to Council with recommendations.
    - City Green Team: Nora and Mike met with the COBI Green Team and learned about some great work that they are doing internally.
  8. Outline for Climate Action and Adaptation Plan
    - New title: Climate Mitigation and Adaptation Action Plan.
    - We aim to get this plan done by the end of the year.
    - We discussed integrating equity/social justice into the plan.
    - Mike, Nora, Lara, and Jens will draft a possible process, including public input.
  9. Other business: Next meeting rescheduled for Monday, July 15 at 6:30 pm.
  10. The meeting was adjourned at 8:38 pm.

# Climate Action Plan Development Timeline (July 10, 2019)



## Introduction

We need your feedback! The City of Bainbridge Island established a Climate Change Advisory Committee (CCAC) in 2017. The CCAC is working with the community to create our first-ever Climate Mitigation and Adaptation Action Plan (CMAAP) to help prepare residents, businesses, and city services for a changing climate. The plan will establish a clear road map of priority actions and projects that make sense for Bainbridge Island.

The purpose of the CCAC is to assist the city in implementing the climate related goals and policies of the Comprehensive Plan. Some of its specific tasks include recommending to the City Council a climate action plan and implementation strategy for the island and providing advice to the City Council and staff on how the community can reduce greenhouse gas emissions and prepare for the impacts of climate change.

Here's how you can provide input:

1. **Take this survey!** Your answers will help inform the planning process. This initial survey helps informing us about Bainbridge Island residents' existing knowledge about local impacts from climate change, their level of concern, and their willingness to support local action by the city and broader community.
2. **Attend the public meeting on WEEKDAY, MONTH DAY, YEAR.** Held at the LOCATION from TIME, we'll describe potential climate impacts to the Bainbridge Island area and ask for input on the plan.
  - o We will also provide complimentary childcare and refreshments.
3. **Join the conversation online by visiting our website** for more information.

Your input will be considered in deciding the plan's goals, vision, targets, focus areas, and implementation strategies. Please only complete one survey per person.

Please encourage your friends and neighbors to participate by forwarding this survey link. The survey closes MONTH DAY, YEAR.

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Want to learn more before you take the survey?

Below is a summary of Bainbridge Island's community-wide emissions. About one third of Bainbridge's greenhouse gas emissions come from using electricity. About another third come from transportation. Our per-person emissions broadly remained stable between 2013 and 2017.



Figure 1: Bainbridge Island Greenhouse Gas Inventory (SOURCE YEAR)

You can learn more about the projected climate changes for Bainbridge Island [here](#).

1. How knowledgeable do you feel you are about climate change and or its potential impacts to Bainbridge Island?
  - a. Very knowledgeable
  - b. Somewhat knowledgeable
  - c. Not much
2. How concerned are you about Bainbridge Island reducing greenhouse gas emissions? *[Multiple Choice, only one answer allowed]*
  - a. Very concerned
  - b. Slightly concerned
  - c. Not concerned
  - d. Don't know
3. How concerned are you about Bainbridge Island preparing for climate change impacts? *[Multiple Choice, only one answer allowed]*
  - a. Very concerned
  - b. Slightly concerned
  - c. Not concerned
  - d. Don't know
4. How concerned are you about the potential local climate change related impacts? *[Matrix question with levels of concerned in columns]*
  - a. Drought risk
  - b. Heavy rainfall and flooding
  - c. Temperature increase and extreme heat
  - d. Changes to water availability
  - e. Wildfire risk, locally on the island as well as smoke impact from regionally related events
  - f. Strong winds and storms
  - g. Sea level rise in Puget Sound
  - h. Changes in vegetation, farming, agricultural
  - i. Ocean acidification

- j. Others- please specify *[free text field limited to 300 characters]*
  - k. Don't know
5. How concerned are you about the potential local consequences from these climate impacts?
    - a. Very concerned
    - b. Slightly concerned
    - c. Not concerned
    - d. Don't know
  6. Do you think the City of Bainbridge Island should be among the cities demonstrating leadership in addressing climate change?
  7. Are you interested in participating in a forum/workshop to learn more about climate change and help shape the Bainbridge Island Climate Change Action Plan?
    - a. Yes
    - b. No
  8. If yes, would you prefer
    - Weekend
    - Weekday
    - Weekday evening
  9. Please tell us a bit about yourself *[Fields to fill in with data validation]*
    - a. Age *[integer number]*
    - b. Sex *[male, female, other, not disclosed]*
    - c. Neighborhood *[selection list]*
    - d. ...
  10. Is there anything else you would like us to know? *[free text field limited to 300 characters]*

Thank you for answering our survey. We look forward to seeing you at the community event. Do not hesitate to contact us at EMAIL for further questions or suggestions.

The CCAC

# Climate Mitigation and Adaptation Action Plan (CMAAP): Outline (7/10/2019)

## Writing/Editing process

- There would be 9 writing teams.
- Each CCAC member would be responsible for one writing team (see below)
- Each writing team would consist of three people: One main author and two reviewers.
- There would be an Adaptation Writing Team (#3) that would work across each of the major focus areas.
- There would be a team of 3 people who would read the entire document for style/tone consistency, editorial review, etc.
- We would establish a timeline for each writing team with dates for first, second, and final.
- We would include graphs, sidebars, pictures, etc. to make it look nice.
- Goal is to provide draft CMAAP to City Council by the middle of January and final by the end of March 2020.

## Letter from Mayor/City Manager/Acknowledgements

## Executive Summary

### 1. Introduction

**Writing Team #1: Update BI Climate Assessment: Lead: Others: )**

**Writing Team #2: Tasks 1.2 - 1.7: Lead: Others:**

The Introduction explains why and how the CMAAP was developed and provides foundational information that informed the plan's goals, strategies, and actions.

1.1: Updated BI Climate Assessment

1.2: Results from Survey and Community Meeting

1.3: Why do a CMAAP?

1.4: Vision and Goals for CMAAP

1.5: Organization of CMAAP

1.6: City Actions (City Directives, Comprehensive Plan, and Ordinance establishing CCAC)

1.7: Relevant Federal, State, and County climate policy

### 2. Bainbridge Island Greenhouse Gas Emissions (Writing Team #3)

This section provides results from the GHG emissions inventory and provides the emission reduction targets along with plans for monitoring and tracking progress.

2.1: Overview

2.2: Results

2.3: GHG emissions reduction target(s) with interim milestones.

2.4: Monitor and track progress

### 3. Strategies and Actions

The Strategies and Actions section presents the near- and long-term actions for meeting the CMAAP's goals, organized by focus area. Each focus area would include the following.

- **Goals:** What are the goals for the focus area?
- **Challenges:** What are the challenges to meeting those goals?
- **Current Actions:** What actions is COBI or Community doing to help achieve the goals?

- **Strategies:** What are the strategies needed to achieve the goals/targets?
- **Mitigation and Adaptation Actions** What actions are needed to achieve the strategies?
- **Prioritize Actions:** What are the highest priority actions (the actions would be prioritized through an evaluation of cost, effectiveness, feasibility, and co-benefits). We could list the high priority actions or just identify those high priority actions by an asterisk
- **Targets/Benchmarks:** What are the targets/ benchmarks for assessing progress?
- **Timeline:** How long will it take to complete action(s) and what are the interim milestones?
- **City lead:** Who is the lead City Department and/or Responsible Staff?
- **CCAC and others Role:** What role will the CCAC play?
- **Individual Action:** Provide a separate page of ideas and as a handout.

**For each focus area below, we would have the information above implementation**

- 3.1: Energy (**Writing Team #4: Lead: Other:**  )
- 3.2: Transportation and Land-Use (**Writing Team #5: Lead: Other:**  )
- 3.3: Buildings (**Writing Team #6: Lead: Other:**  )
- 3.4: Forests, Shorelines, and Agriculture (**Writing Team #7: Lead: Other:**  )
- 3.5: Waste Reduction and Consumption (**Writing Team #7:**)
- 3.6: Community Engagement and Citizen Action (**Writing Team #8: Lead; Other:**  )

**4. Implementation Strategy (Writing Team #9: Lead: Other: )**

The Implementation Strategy section details steps the City and community will take to ensure successful CAAP implementation. This will require active participation by the Council and City Staff.

- 4.1 Kickstarting Implementation
- 4.2 Leadership
- 4.3 Expanding Community Capacity
- 4.4 Accountability and Reporting
- 4.5 Funding

**5. Implementation Summary and Schedule (Focus Area Writing Teams complete Example Table below)**

Action	Adaptation or mitigation	Target/benchmark	Lead department	CCAC role	Timeline	Individual action

**References/Notes**

**Appendices**

A: GHG emissions Inventory methods