



## Town of Bayfield Tree Board

Thursday September 16, 2021 - 6:00 - 7:00pm  
1199 Bayfield Parkway - Bayfield Town Hall -  
Boardroom

### Join Zoom Meeting

<https://zoom.us/j/96240077132>

Meeting ID: 962 4007 7132

One tap mobile

+13462487799,,96240077132# US (Houston)

"The true meaning of life is to plant trees under whose shade you do not expect to sit."  
*Nelson Henderson*

## Tree Board Regular Meeting

### 1. Agenda:

a. Introductions - Welcome Julie Abril

b. Tree Inventory - See

<https://www.youtube.com/watch?v=FLf5VJWkm2I> or the next  
couple pages to view the videos

c. Other Items

### 2. Next Meeting & Adjourn

a. October 21, 2021

b. Adjourn

### About CO-TreeView, Colorado's Community Tree Map

CO-TreeView is a web-based tree inventory and mapping tool used by Colorado foresters and arborists to record and visualize the location, species, and condition of the trees that make up Colorado's urban forests. This user-friendly tool, which allows users to view tree and planting site data at a variety of scales, enables proactive, data-driven forest management planning, grant solicitation, and public outreach in support of the conservation and enhancement of the state's community forests.

With CO-TreeView, users can search and sort by tree species, size, condition, and other characteristics. Registered users can quickly and easily add tree inventory information and create customized, downloadable charts and maps.

While designed for utility in a broad range of applications, the CO-TreeView tool was created in response to the discovery of emerald ash borer (EAB) in Boulder in late 2013. The Colorado

Tree Coalition, which funded the development of the tool, recognized the potential value in having a statewide system to house, aggregate, and display tree inventory data from diverse sources, encouraging Colorado communities to work together to build and protect urban forests. Learn more about CO-TreeView in the frequently asked questions below, and by visiting the Tutorials page.

#### Tutorial Videos

Introduction and Getting Started: <http://www.screencast.com/t/AtYBQhZjbat>

Collecting a New Inventory in the Field: <http://www.screencast.com/t/ISlxbnQj>

Inventory Analysis: <http://www.screencast.com/t/CYTy7aI6apuy>

Exporting Maps, Charts & Spreadsheets: <http://www.screencast.com/t/7eNXT6ccb>

For general assistance, contact CSFS. For technical assistance, email [support@planitgeo.com](mailto:support@planitgeo.com)

#### FAQs

##### Why inventory urban trees?

Urban tree inventories provide critical information needed by foresters, arborists, neighborhood associations, and other entities for the proactive management of urban forests. A detailed urban tree inventory can help to quantify the benefits provided by existing trees and identify areas in need of conservation or additional planting. These insights are the foundation for successful forest management planning; they can also be used to demonstrate the need for additional forest management resources, a critical element of grant solicitation.

##### What is emerald ash borer (EAB)?

The emerald ash borer (EAB), *Agrilus planipennis*, is an exotic insect responsible for the death or decline of tens of millions of ash trees in more than 20 U.S. states and Canada. Native to Asia, the beetle most likely arrived in the U.S. in the 1990s, hidden in wood-packing materials commonly used for shipping. EAB has already cost communities billions of dollars to treat, remove, and replace ash trees. EAB was first detected in Colorado in September 2013 in the City of Boulder. It poses a serious threat to Colorado's urban forests, where ash trees comprise an estimated 15 to 20 percent of trees. Learn more about Colorado ash trees and the emerald ash borer in this EAB Quick Guide.

##### What is Tree Plotter?

Tree Plotter is the framework upon which CO-TreeView was built. Plan-It Geo, the geospatial technology firm that created Tree Plotter, has utilized feedback from many past Tree Plotter clients to continually improve the capabilities and user-friendliness of the application. In creating the CO-TreeView tool, Plan-It Geo has also taken into account the feedback of the Colorado Tree Coalition and other stakeholders to customize the application for Colorado users.

##### Do I need to download software to use CO-TreeView?

No software download is required to utilize the full functionality of the CO-TreeView tool. All that is needed is a mobile device or PC and web browser.

Do I need an account to use CO-TreeView?

To add, edit, update, or upload tree inventory data to this tool, you first need to register. You can choose to join an existing organization or create a new one. [Learn more about account set-up.](#)

I don't have geographic information system (GIS) software. Can I still add my inventory information to CO-TreeView?

The uploader within CO-TreeView not only uploads shapefiles, but it has the ability to upload a CSV (comma separated values) file which can be saved from a Microsoft Excel document.

How do I prepare my data for uploading into the tool?

Existing tree inventories collected with hand-held devices or digitized using GIS (geographic information system) software are usually compatible for upload into the CO-TreeView tool. A complete GIS shapefile, which is actually made up of multiple component files, is one way to upload tree data. Prior to upload into CO-TreeView, the shapefile's component files must be zipped together into a single ".zip" file. The uploader must also be familiar with their data and how it is organized prior to attempting upload into the system. Another way to upload data is by use of a CSV file (comma separated values), which can be saved from a Microsoft Excel document. Prior to upload, you must know the projection of your x/y coordinates.

What is the EAB Cost Calculator?

This tool is designed to help cities, towns, campuses, and neighborhood associations evaluate EAB management options and costs over a period of time. It is based off of the Purdue University EAB Cost Calculator. It has two modes: the first uses actual locations of individual ash trees mapped using this tool, and the second allows users to simply enter an estimated number of ash trees if they don't have the resources to inventory ash trees in the field.

A scenario report is produced automatically based on the number of ash trees, their size, and how many you decide to remove, treat (inject), or replant. Default cost values for removal, treatment, and planting as well as the number of years (planning horizon) are parameters that can be modified by the user. The scenario reports can be printed and saved.

To get started, click the "EAB" button at the top left of your browser.

Visit the Colorado EAB Website