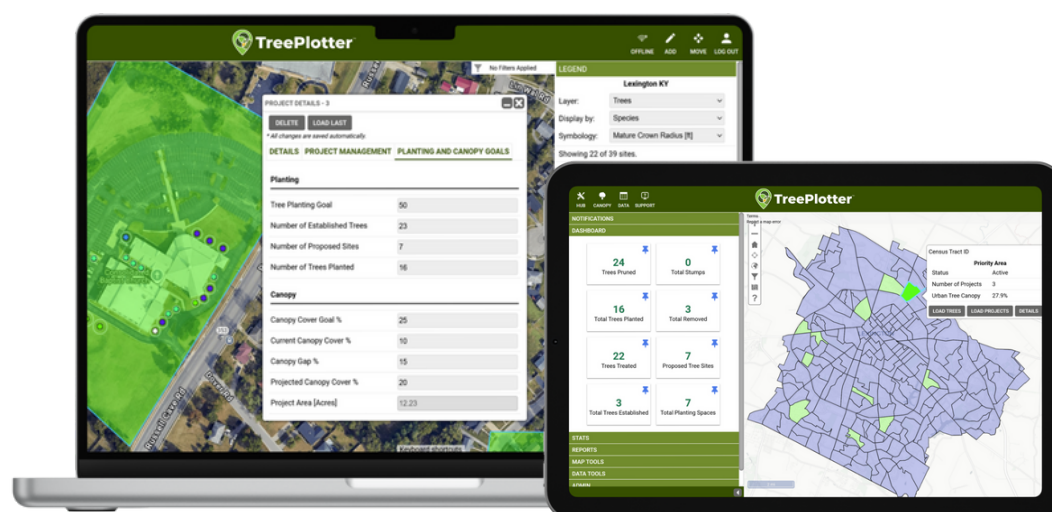


Practical Tools, Innovation & Collaboration for Urban Tree Management

The Trees + Tech Canada event will highlight how technology is transforming urban forestry in Canada. Public, private, and academic voices will come together to showcase the software, data, and hardware tools that are shaping smarter tree inventories, urban greening strategies, and data-driven city decisions.

What You Will Learn

- Municipal forestry and parks staff
- Environmental consultants and contractors
- GIS/IT professionals
- Academic and nonprofit leaders focused on climate, biodiversity, or urban equity
- Anyone implementing or planning tree inventory, canopy, or urban greening strategies



Agenda

8:45 – 9:30 AM | Guest Arrival + Welcome Breakfast

Registration & check-in, Light networking over breakfast

9:30 – 10:00 AM | Technology and the Urban Forest: From Inventories to AI: Alex Satel and Shane Jobber

This presentation explores how technology has shaped urban forest management—from the early days of basic pen-and-paper tree inventories to today's data-rich, interconnected decision support systems. Setting the stage for the Trees + Tech Canada summit, it will trace the evolution of digital tools and mapping platforms, highlight emerging trends in data analytics and automation, and discuss how data-driven insights are guiding strategic urban forest planning and decision-making. Attendees will gain insights on where the field is headed and how technology might be integrated into urban forest management practices in the coming years.

10:00 - 10:30 AM | Academic Perspective: Danijela Puric-Mladenovic at University of Toronto

Technology such as geographic information systems (GIS), mobile tools, remote sensing, and other supporting technology is transforming how we monitor, plan, manage, and steward urban forests. These tools provide powerful insights into current conditions, build efficiency and help predict future risks across broader landscapes. While they increase efficiency, provide instant or real time information, and expand our understanding of the urban environment, their true power comes from being combined with field and local knowledge. It is through the integration of technology and on the ground expertise that the most effective urban forestry decisions could be made.

10:30 – 11:15 AM | PlanIT Geo Overview + TreePlotter Software Vision: Ian Hanou, CEO & Founder PlanIT Geo

A brief overview of the services, data products, and software that PlanIT Geo offers, followed by an update on the latest vision for TreePlotter software. An emphasis will be on a new platform being developed including a mobile app for tree inventories, inspections, and work management. In addition, data and technology for urban tree canopy analysis will be presented, including for mapping the 3+30+300 Rule as a benchmark for urban tree equity and access.

11:15 – 11:30 AM | Mid-Morning Break

Coffee, light snacks, Quick networking and prep for the next session

11:30 – 12:30 PM | AI-Powered Vegetation Intelligence: From Digital Twins to Greener Cities: Felix Laroche, Founder and President Jakarto

Learn how Jakarto leverages LiDAR data and 360° imaging to automate the creation of digital twins for urban vegetation and infrastructure. Through AI-assisted asset inventories, cities gain access to precise tree locations, detailed dimensions and genus data, and identified planting opportunities along streets and public spaces. The same technology also detects vegetation encroachment on power lines, enhancing maintenance efficiency and public safety. Discover how automation and AI are transforming vegetation mapping, how arborists ensure data quality, and what's next in Jakarto's R&D toward smarter, greener cities.

12:30 PM – 1:30 PM | Lunch

1:30 PM – 3:00 PM | Local Case Studies

- Laura Wright from the City of Burlington and Bastien Lecigne with Jakarto: Mobile LiDAR Pilot Project and TreePlotter Data Integration
 - Burlington manages over 60,000 publicly owned trees and thousands of planting sites and past tree removals using TreePlotter. They recently initiated a pilot project with Jakarto to capture mobile LiDAR and 360 degree imagery for a portion of the city to improve their asset registry with an incredible 4cm location accuracy. This presentation will demonstrate the data capture process, automated inventory data fields, steps to-date for merging of the original tree inventory data with the new LiDAR-derived inventory, and highlight other GIS layers created such as planting areas and canopy cover. With a more accurate registry, the City will improve operational tree care in TreePlotter and inform planning impacts with the Jakarto data and software to maximize the green asset value of trees.
- Miles Peart from the City of Vaughn
 - Discover how the City of Vaughan is transforming urban forestry through technology. Miles Peart shares a proven roadmap to help forestry leaders embrace data, simplify procurement, and scale innovation from the ground up.
- Krish Selvakumar, Forestry Project Coordinator with the Regional Municipality of York: York Region Landcover Assessment
 - Overview of York Region's LiDAR based canopy analysis and regional forest study. The output of this work includes a detailed land cover raster and woodland cover layer for use in reporting on the region's wooded cover and tool development (ex. York Region Tree Planting Prioritization tool). This work coincides with the regional forest study, a study in which we summarize the region's forest composition, structure and benefits to better understand the importance of the urban forest to the future of the region's greenspace.
- Q&A group discussion

3:00 PM – 3:15 PM | Afternoon Break

Light snacks and beverages, Networking

3:15-3:45 PM | Subject Matter Focus with Experts

Spend time with the presenters and with other subject experts at tables around the room in a rotating fashion.

3:45 PM – 4:00 PM | Closing Panel, Thank You & Farewell

Final takeaways from attendees and presenters, Closing remarks and thanks to sponsors & attendees