



Tree Tenders Volunteer Training Agenda

May 18th – May 27th 2021

- Virtual Classroom** via Zoom Conference. Meeting links hyperlinked under each day and to be sent out prior to each class.
- Cost** \$75 +HST with ISA Citizen Arborist Manual
Paid registrants who cancel at least three weeks (21 days) prior to the event date will receive a 75% refund. Registrants who cancel with less than three weeks' notice will not receive any refund. Please note that payments cannot be deferred to a future event or transferred to other individuals/organizations
- Course Facilitator** Lam Tran, Education Coordinator, LEAF
lam@yourleaf.org | 416-413-9244 x 15
- Instructors** See last page for instructor biographies.

DAY 1 | TUESDAY MAY 18 | 6:00PM – 9:00PM

Format: Lecture, virtual discussion

Zoom Link: <https://zoom.us/j/95488543477?pwd=VkhYTE15ZjMrWHk4Q2xncEpQU241dz09>

Meeting ID: 954 8854 3477

Passcode: 435258

Dial by your location:

+1 778 907 2071 Canada

+1 587 328 1099 Canada

+1 647 374 4685 Canada

+1 438 809 7799 Canada

+1 613 209 3054 Canada

+1 647 558 0588 Canada

Instructors:

- **Cheryl Post**
Natural Environment Specialist, Natural Environment & Community Programs, City of Toronto, Urban Forestry
- **Lam Tran**
Education Coordinator, LEAF

6:10 – 6:15 **Welcome & Orientation**
Goals of Tree Tenders
Participant introductions

6:30 – 7:45 **Tree Biology**
Biological functions
Tree parts

6:15 – 6:30 **The Urban Forest**
What is the Urban Forest?
Benefits of trees
Overview of urban forest issues

7:45 – 8:00 **BREAK**

8:00 – 9:00 Tree growth
Compartmentalization

Readings: Citizen Arborist, Chapter 1

Readings: Citizen Arborist, Chapter 3



DAY 2 | THURSDAY MAY 20 | 6:00PM – 9:00PM

Format: Lecture, virtual discussion, small group activity

Zoom Link: <https://zoom.us/j/95488543477?pwd=VkhyTE15ZjMrWHk4Q2xncEpQU241dz09>

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Instructors:

- **Tooba Shakeel**
Sustainable Neighbourhoods Coordinator, Credit Valley Conservation

6:00 – 6:15 **Participant introductions**

8:05 – 8:20 **BREAK**

6:15 – 7:15 **Tree and Shrub Identification**
Basic classifications
Identifying trees by features
Identifying trees by site/habitat

8:20 – 9:00 **Tree ID Practice**
Dichotomous keys
Breakout session

7:15 – 8:05 **Tree ID Workshop**
Simple tips and tricks to identifying
common trees

Readings: Citizen Arborist, Chapter 2

DAY 3 | SATURDAY MAY 22 | 10:00AM – 2:00PM

Format: Lecture, case study, virtual discussion

Zoom Link: <https://zoom.us/j/92017155238?pwd=TGNuRctMKzIzWUFSR2t5VXlqSE1Yz09>

Meeting ID: 920 1715 5238

Passcode: 328473

Dial by your location:

+1 613 209 3054 Canada

+1 647 558 0588 Canada

+1 438 809 7799 Canada

+1 647 374 4685 Canada

+1 778 907 2071 Canada

+1 587 328 1099 Canada

Instructors:

- **Mark Sherman**
Natural Resource Specialist, Natural Environment and Community Programs, City of Toronto, Parks, Forestry & Recreation



Local Enhancement & Appreciation of Forests

Improving city life one tree at a time

10:00 – 10:15 **Participant introductions**

10:15 – 11:30

Soils

Physical, biological, and chemical properties
Nutrient cycling
Soils and micro-organisms

Readings: Citizen Arborist, Chapter 4

11:30 – 12:45

Tree Stress and its Management

Types of tree stress
Symptoms and signs of tree decline
Stress Prevention

Readings: Citizen Arborist, Chapter 10

12:45 – 1:00

BREAK

1:00 – 2:00

Tree Stress Case Studies

Exploring real-life example

DAY 4 | TUESDAY MAY 25 | 6:00PM – 9:00PM

Format: Lecture, virtual discussion

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Passcode: 435258

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Instructors:

- **Tooba Shakeel**
Sustainable Neighbourhoods Coordinator, Credit Valley Conservation
- **Mark Ventresca**
Supervisor, Urban Forestry, Tree Protection & Plan Review, City of Toronto Parks, Forestry & Recreation

6:00 – 6:15

Participant Introductions

7:15 – 7:45

Introduction to Tree Protection

6:15 – 7:15

Tree Selection, Planting, and Care

The right tree in the right place
Site assessment and preparation
When to plant
Care of young trees

7:45 – 8:00

BREAK

8:00 – 9:00

Toronto Tree-Related By-Laws and Policies

Role and structure of the Urban Forestry Dept.
Tree by-laws and policies
Public vs. private trees
Dead and hazardous trees
Ravines

Readings: Citizen Arborist, Chapters 5, 6, 7 & 12

Readings: Citizen Arborist, Chapter 11



Local Enhancement & Appreciation of Forests

Improving city life one tree at a time

DAY 5 | THURSDAY MAY 27 | 6:00PM – 8:00PM

Format: Lecture, virtual discussion

Zoom Link: <https://zoom.us/j/95488543477?pwd=VkhyTE15ZjMrWHk4Q2xncEpQU241dz09>

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Instructors:

- **Lam Tran**
Education Coordinator, LEAF

6:00 – 6:20	Participant Introductions	7:30 – 8:00	Conclusion and Evaluation
6:20 – 7:30	Stewardship in the City Need for citizen stewards Actions you can take Volunteer opportunities Building an urban forest community		

Readings: Citizen Arborist, Chapters 8 & 9



INSTRUCTOR BIOGRAPHIES



Lam Tran

Education Coordinator, LEAF

As an educator and tree enthusiast, Lam is energized by connecting with others and nature around her. Holding a Master of Forest Conservation (MFC) degree from the University of Toronto, she married her passion for trees and environmental justice by exploring inequitable urban tree distribution and demonstrating the need and opportunity for tree planting in underserved Toronto communities. In her current role, she supports others on their learning journey through educational, training and mentorship programs at LEAF.



Cheryl Post

Natural Environment Specialist, Natural Environment & Community Programs, City of Toronto, Urban Forestry

Cheryl has an Honours Bachelor of Science in Forest Conservation Science and Environmental Studies from the University of Toronto, where her particular focus was on the urban forest. She has inventoried TDSB trees using the Neighbourhoods Protocol and has taught Tree Tenders for LEAF for the past 11 years. Cheryl has worked for the City of Toronto, Urban Forestry in the Natural Environment and Community Programs unit, for the past 15 years, currently as a Natural Environment Specialist, where she is responsible for capital improvements and restoration plans for natural environment areas within the Don Watershed, including Don Valley Brick Works Park. In addition, she has a strong background engaging the public in maintenance and monitoring activities in City of Toronto Natural Areas.



Mark Sherman

Natural Resource Specialist, Natural Environment and Community Programs, City of Toronto, Parks, Forestry & Recreation

Mark Sherman is a proud nature nerd with strong interests in trees and native and naturalized plants in our area. He works in nature education and environmental planning for the government, and spends his off hours on his bicycle or getting dirt under his fingernails. A long-time volunteer for LEAF, Mark also worked several seasons as a consulting Arborist and planter for the Backyard Tree Planting Program.



Tooba Shakeel

Sustainable Neighbourhoods Coordinator, Credit Valley Conservation

Tooba is a community planner, educator and urban forester with strong roots in the environmental non-profit sector. For over a decade, she has led urban forestry, environmental education and climate action programs engaging over 70,000 people primarily from underserved communities. She is on a path to anti-oppressive learning and fostering equitable communities. She holds a MSc from University of Toronto where she published original research exploring the role of residents and community groups in urban forest management. She is an ISA Certified Arborist and an EcoDistrict Accredited Professional. She volunteers as a STEM/career mentor for young people and board member for environmental non-profits.



Mark Ventresca

*Supervisor, Urban Forestry, Tree Protection & Plan Review, Toronto
Scarborough District, Parks, Forestry & Recreation*

Mark has a Bachelor of Science in Botany and a Certificate in Arboriculture from the University of Guelph. He is member of the International Society of Arboriculture, an ISA Certified Arborist and has the Tree Risk Assessment Qualification. Over his career he has worked for numerous employers in a range of positions including; Pest and Disease Specialist with the Ontario Ministry of Agriculture, Tree Climber and Crew Leader with private tree companies, Horticulturist with the National Botanic Garden of Wales in the U.K., Arborist at the Dominion Arboretum in Ottawa (Agriculture Canada), and for the last 17 years, with the City of Toronto.

At the City, Mark started out with Forestry Operations crews working on Street and Park trees, then for 4 years reviewed Development Applications (part of the planning process) and other permits in an effort to reduce the impact of the construction and infill on our Urban Forest. For the last 13 years he has been a Supervisor of Tree Protection and Plan Review responsible for the reviewing internal and external plans for their impact on Street, Park and Private Trees.
