



Tree Tenders Volunteer Training Agenda

June 23rd – June 30th 2020

Virtual Classroom	via Zoom Conference Video links to be sent out prior to each class.
Cost	\$60 +HST with ISA Citizen Arborist Manual <i>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</i>
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 JUNE 23 | 6:00PM – 9:00PM

Format: Lecture and group discussion

Instructors:

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

6:10 – 6:15	Introductions 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



Local Enhancement & Appreciation of Forests

Improving city life one tree at a time

DAY 2 | THURSDAY JUNE 25 | 6:00PM – 9:00PM

Format: Lecture, discussion, small group activity

Instructors:

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

6:00 – 7:00	Tree and Shrub Identification Basic classifications Identifying trees by features Identifying trees by site/habitat	7:50 – 8:10	BREAK
7:00 – 7:50	Tree ID Workshop Simple tips and tricks to identifying common trees	8:10 – 9:00	Tree ID Practice Dichotomous keys Breakout session

Readings: Citizen Arborist, Chapter 2

DAY 3 | SATURDAY JUNE 27 | 10:00AM – 3:00PM

Format: Lecture, case study, group discussion

Instructors:

- **Alex Satel**
Consulting Arborist, Urban Forest Innovations

10:00 – 11:15	Soils Physical, biological, and chemical properties Nutrient cycling Soils and micro-organisms	1:00 – 2:00	Tree Selection, Planting, and Care The right tree in the right place Site assessment and preparation When to plant Care of young trees
11:15 – 12:30	Tree Stress and its Management Types of tree stress Symptoms and signs of tree decline Stress Prevention	2:00 – 2:30	Tree Stress Case Studies Real-life examples
12:30 – 1:00	LUNCH BREAK	2:30 – 3:00	Breakout Session Tree stress and management discussion

Readings: Citizen Arborist, Chapters 4 & 10

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



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DAY 4 | TUESDAY JUNE 30 | 6:00PM – 9:00PM

Format: Lecture and group discussion

Instructors:

- **Mark Ventresca**
Supervisor, Urban Forestry, Tree Protection & Plan Review, City of Toronto Parks, Forestry & Recreation
- **Lam Tran**
Education Coordinator, LEAF

6:00 – 6:30 **Introduction to tree protection**

6:30 – 7:45 **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

7:45 – 8:00 **BREAK**

8:00 – 8:45 **Stewardship in the City**

Need for citizen stewards
Actions you can take
Volunteer opportunities
Building an urban forest community

8:45 – 9:00 **Conclusion and Evaluation**

Readings: Citizen Arborist, Chapter 11

Readings: Citizen Arborist, Chapters 8 & 9



INSTRUCTOR BIOGRAPHIES



Lam Tran

Education Coordinator, LEAF

Lam holds a Master of Forest Conservation (MFC) degree from the University of Toronto, where the focus of her capstone was on inequitable tree distribution within cities. She used the [TCHC Planting and Stewardship Initiative](#) as a case study in Toronto to demonstrate the need and opportunity for tree planting in low-income communities. She is passionate about environmental justice, sustainable living, connecting with like-minded individuals, and teaching tree facts.



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 8 years. Cheryl has worked for the City of Toronto, Urban Forestry in the Natural Environment and Community Programs unit, for the past 12 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.



Tooba Shakeel

Sustainable Neighbourhoods Coordinator, Credit Valley Conservation

Tooba is an ISA certified arborist and holds a Master of Science from University of Toronto where she contributed original research to the fields of [urban forestry](#) and [urban planning](#). Since 2007, she has led collaborative community programs in the Greater Toronto Area having engaged 15,000+ people primarily from underserved communities, including through her work at LEAF. Currently, she works at Credit Valley Conservation as the Sustainable Neighbourhoods Coordinator. She volunteers as a STEM mentor for young women at [EcoSparks's Sparking Science Conference](#) and as a director on the governing board for [Oakvillegreen Conservation Association](#).



Local Enhancement & Appreciation of Forests

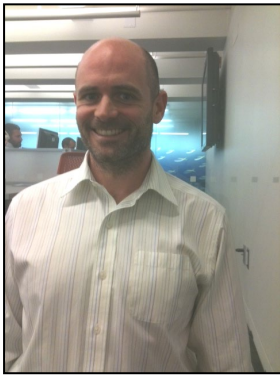
Improving city life one tree at a time



Alex Satel

Consulting Arborist, Urban Forest Innovations

Alex is an ISA Certified Arborist, and holds a Master of Forest Conservation (MFC) degree from the Faculty of Forestry at the University of Toronto. Since joining Urban Forest Innovations in 2009, he has been involved in the preparation of arborist reports, arboricultural specifications and strategic planning documents. He also has experience with tree establishment, maintenance and inventories, as well as silvicultural surveying. Alex has also been involved in the development of strategic urban forest management plans, urban tree canopy studies and Emerald Ash Borer management strategies for a number of communities in Ontario and beyond.



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 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..

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