

Synergies of Urban Forest Management & Climate Change Plans

An Ontario Jurisdictional Scan



About OUFC

- **Act** as a hub of information about trees – their benefits and conservation
- **Public outreach** and engagement
- **Advocate** for urban forest conservation at the federal, provincial and municipal level
- **Develop** cross-sectoral partnerships to advance the principles of urban forest planning, stewardship, and conservation
- **Mentor** young urban forest professionals
- **Bring awareness** to Ontario's heritage trees
- **Host** an Annual Conference, AGM and educational events

Membership gets you discounted and sometimes free access to our events.

Cost starts at **\$75** for individuals to **\$350** for a 3-year corporate membership/

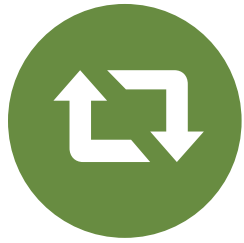
<https://oufc.org/>



Municipality	Tier	Private Tree Bylaw	Urban Forest Management Plan	Climate Action Plan
Town of Ajax	Lower Tier		Y	Y
Town of Aurora	Lower Tier	Y		Y
City of Barrie	Single Tier	Y	Y	Y
Town of the Blue Mountains	Lower Tier			Y
City of Brampton	Lower Tier	Y	Y	Y
City of Burlington	Lower Tier	Y	Y	Y
City of Cambridge	Lower Tier	Y	Y	Y
City of Guelph	Single Tier	Y	Y	Y
City of Hamilton	Single Tier		*	Y
City of Kingston	Single Tier	Y	Y	Y
City of Kitchener	Lower Tier	Y	Y	Y
City of Mississauga	Lower Tier	Y	Y	Y
Town of Newmarket	Lower Tier	Y	Y	Y
City of Niagara Falls	Lower Tier		*	Y
Town of Oakville	Lower Tier	Y	Y	Y
City of Oshawa	Lower Tier		*	
City of Ottawa	Single Tier	Y	Y	Y
City of Peterborough	Single Tier	Y	Y	Y
City of Pickering	Lower Tier			Y
City of Sarnia	Lower Tier		*	Y
City of St. Catharines	Lower Tier		Y	Y
Township of South Frontenac	Lower Tier			
City of Thunder Bay	Single Tier		Y	Y
City of Timmins	Single Tier			Y
City of Toronto	Single Tier	Y	Y	Y
City of Waterloo	Lower Tier			Y
City of Windsor	Single Tier		*	Y
Town of Whitby	Lower Tier	Y	*	Y
Township of Wilmot	Lower Tier			
			*UFMP currently in development	



Theme	Private Tree Bylaws	Urban Forest Management Plans	Climate Action Plans
Pruning Cycles		X	
Pruning Techniques	X	X	
Species Diversification		X	X
Planting Aftercare		X	
Invasive Species Response		X	X
Invasive Species Future Planning			X
Heritage Tree Protection	X	X	X
Canopy Cover Targets		X	X
Assisted Migration		X	X
Adaptive Land Use Planning			X
Extreme Weather Resilience in Trees		X	X
Public Health		X	X
Equity-based Tree Planting		X	X
Green Infrastructure Integration			X
Canopy Measuring and Monitoring		X	X
Development Standards		X	X
Stormwater Management			X
Improving Air Quality		X	X
Water Conservation			X
Green Corridors		X	X
Tree Inventories and Assessments		X	X
Extreme Weather Mitigation		X	X
Root Zone Protection	X	X	



Where are there synergies?

- Risk Assessment
- Extreme weather response
- Recommended actions for increasing canopy cover
- Identification of available planting space
- Biodiversity
- Creation and expansion of bylaws
- Dedicated resources
- Invasive species management
- Development specifications
- Heritage tree protection
- Opportunities for community action





Urban Forest Action Examples

- Regular Inventories
- Canopy Cover Targets
- Pest Management
- Enhanced pruning/ maintenance
- Species Diversification
- Tree Preservation By-Law/ Development Standards
- Targeted Planting
- Heritage Trees
- Dedicated Resources





Climate Action Examples

- Increased Pruning & Maintenance
- Invasive Species Management
- Canopy Cover Targets (typically 40% in urban communities)
- Tree species migration & native species
- Nature Based Solutions in Development Standards
- Planting/ Land Conservation
- Preservation of Heritage Trees
- Tree Equity



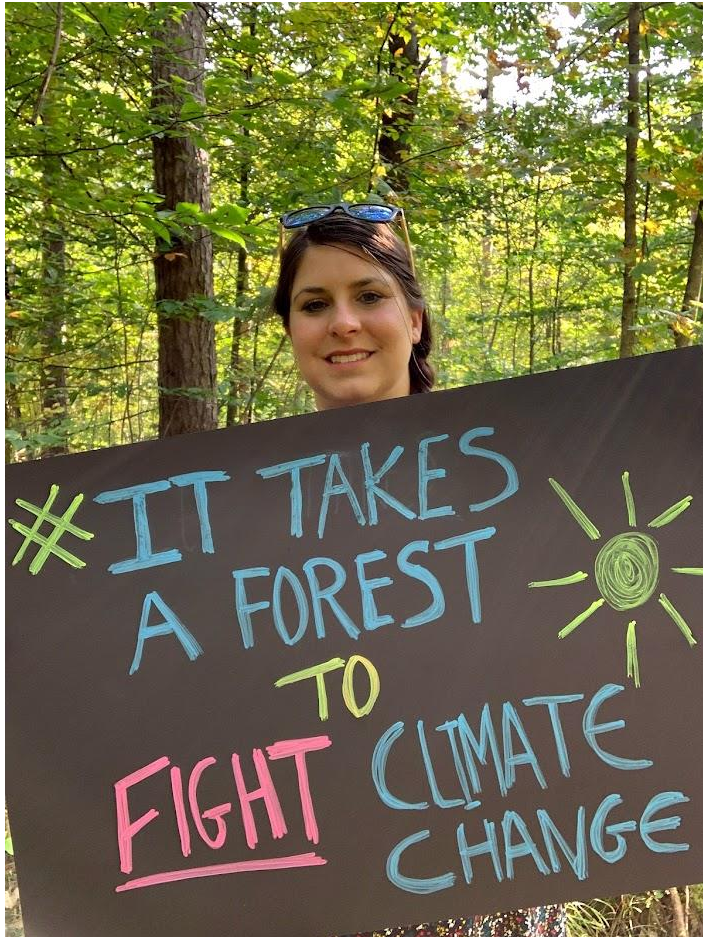


Keys to Success

- Engage forest/ climate change staff early in an UFMP or CC planning stages
- Data readiness (importance of an up-to-date tree inventory)
- Equity at the forefront, (consider social vulnerability, tree equity, heat exposure, access to greenspace)
- Embed future climate conditions into any modelling
- Conduct a climate exposure/ vulnerability/ risk assessment on existing urban tree canopy cover to identify priority areas
- Public-private partnerships- typically larger opportunities for planting on private lands.
- Incorporate the direct and indirect costs of urban forest management to drive the business case (including the services they provide)



Thank You!



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