

Healthy trees, utilities and stormwater: Achieving multiple goals in hardsurface landscapes

Building on past talks to grow large, healthy trees in hard surface landscapes, this talk focuses on how the goal of growing healthy trees can be achieved within systems that also support utilities and storm water. A key challenge where there is limited physical space.

Session 1 - Integrating utilities & trees within Silva Cells (9:00 - 10:30 am)

Growing large, healthy trees in hard surface landscapes requires tree roots and their soil to share the public corridor with other utilities and infrastructure. This session will show how some cities have achieved this as well as how to design Silva Cells in and around utilities. During this talk we will walk through the operation & maintenance process for emergency access, repairs, and installation.



Session 2 - Soils, trees & rainwater (10:45 - 12:15 pm)

This session will explain how soil volumes required to grow large, healthy street trees can also be used as LID solutions for stormwater in urban areas where traditional bioretention solutions are not possible and where there is insufficient space for separate bioretention areas and tree zones. This approach will help designers meet the Province's proposed new stormwater regulations as well.



Speaker

Michael James is the General Manager of DeepRoot Canada Corp. Mike has been in the municipal street tree/stormwater industry for over 30 years. He has worked extensively with landscape architects, municipalities, engineers, and landscape contractors to provide solutions for the health of the urban forest and low impact development techniques. Michael has a degree in Public Administration and Business Management.



November 24th, Conestoga Room, City Hall

Register for this FREE event [here.](#)