



Research Project Update Soil Water Management of Trees

Wednesday 12 August 2015 (8:30 am to 12:30 pm)

This event will provide an update from the findings of landscape water use research being conducted at the Royal Botanic Gardens Victoria, Melbourne Gardens, with a specific focus on tree water use and the use of soil moisture sensing technology.

This project is a partnership between Royal Botanic Gardens Victoria, University of Melbourne and Sentek Technologies.

8:30-9:00 Registration

9:00 Welcome Professor Tim Entwisle, Chief Executive and Director, Royal Botanic Gardens Victoria (RBGV)

The topics listed below will be co-presented by the following speakers;

- Peter Symes, Curator, Environmental Horticulture, Royal Botanic Gardens Victoria.
- Geoff Connellan, Honorary Fellow, School of Ecosystem and Forest Sciences, Faculty of Science, University of Melbourne.
- Peter Buss, Manager R&D, Sentek Technologies and Mike Dalton, Senior Research Agronomist, Sentek Technologies.

Topics

- Managing soil water to maintain functional urban trees
- Overview of tree water management within RBGV, Melbourne Gardens
- Description of soil moisture sensing systems used at Melbourne Gardens
- What can soil moisture sensing tell you about tree water processes?
- Visualisation of changing states of soil water, salinity and temperature
- Application of soil moisture data in Melbourne Gardens landscape water management

12:30-13:30 Lunch (provided)

13:30-15:00 (Optional) Demonstration of 'Drill and Drop' soil moisture sensing equipment and field inspections presented by Peter Buss and Mike Dalton, Sentek Technologies.

Important: Registration via Eventbrite is required

Contact Peter Symes via email peter.symes@rbg.vic.gov.au to receive registration instructions.

Places are limited. RSVP by 5 PM, Wednesday 5 August 2015

Finding car parking spaces can be a challenge - participants are advised to take public transport or arrive early.

