

# Tree Failure Profiling for Common Wayside Trees in Singapore

## Programme Objectives

After attending the programme, learners should be able to:

- Identify some factors that contribute to tree failure
- Profile tree failure for common roadside trees found in Singapore

## 21 Species-specific Failure Profiles for 21 common wayside trees in Singapore

- Key failure profile of the respective species

<i>Acacia auriculiformis</i>	<i>Adenantha pavonina</i>	<i>Andira inermis</i>
<i>Callerya atropurpurea</i> ( <i>Millettia atropurpurea</i> )	<i>Cassia fistula</i>	<i>Casuarina equisetifolia</i>
<i>Cinnamomum iners</i>	<i>Erythrophleum suaveolens</i> ( <i>Erythrophleum guineense</i> )	<i>Cyrtophyllum fragrans</i> ( <i>Fagraea fragrans</i> )
<i>Falcataria moluccana</i> syn. <i>Albizia falcataria</i>	<i>Khaya grandifoliola</i>	<i>Khaya senegalensis</i>
<i>Mangifera indica</i>	<i>Peltophorum pterocarpum</i>	<i>Pterocarpus indicus</i>
<i>Samanea saman</i>	<i>Swietenia macrophylla</i>	<i>Syzygium grande</i> ( <i>Eugenia grandis</i> )
<i>Syzygium polyanthum</i> ( <i>Eugenia polyanthum</i> )	<i>Tabebuia rosea</i>	<i>Terminalia catappa</i>

## Programme Structure

- This is a blended programme with live WebEx lectures and field training conducted on-site.
- Your total time commitment for the programme is approximately **10 hours**.

<p><b>Live session</b></p>  <p><b>21 Feb 22</b> 9am to 12:30pm</p> <p><b>3.5 hrs</b></p>	<p><b>Live session</b></p>  <p><b>22 Feb 22</b> 9am to 12:30pm</p> <p><b>3.5 hrs</b></p>	<p><b>Field Training @ Fort Canning</b></p>  <p><b>23 Feb 22</b> &lt;assigned group slot&gt;</p> <p><b>3 hrs</b></p>
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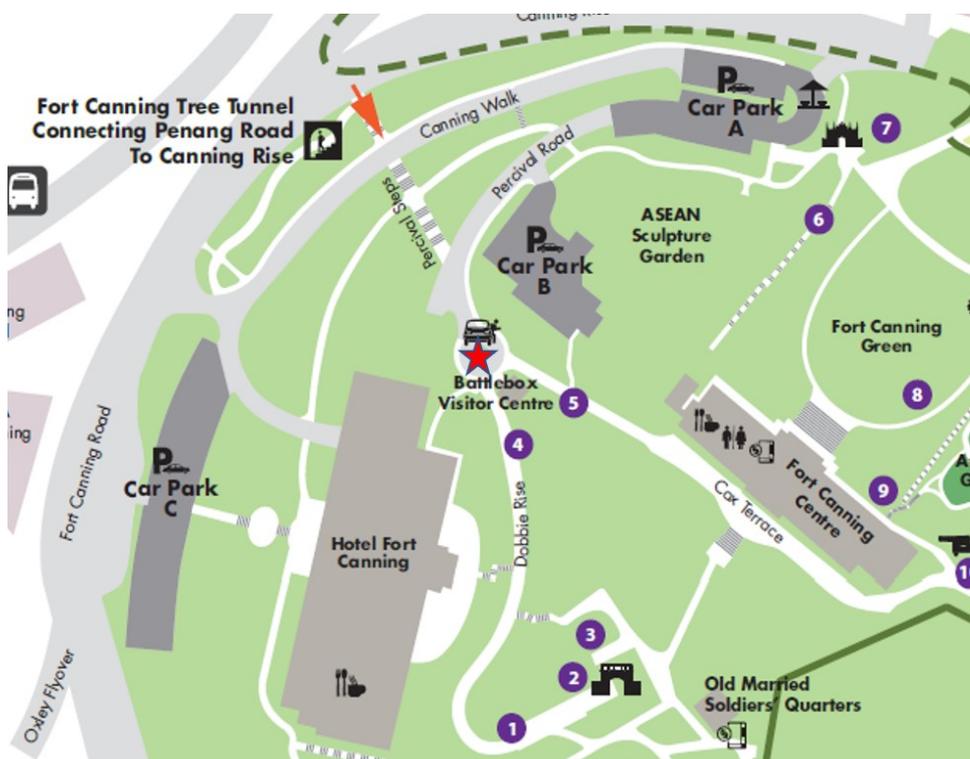
## Professional Development Units

Professional Certifications	CEUs / CPDs
ISA Certified Arborists (ISA)	<b>10</b>
Certified Practising Horticulturist (CPH)	<b>9</b>

*Note: CEUs will only be awarded for Certified Arborist (CA) and Certified Practising Horticulturist (CPH) who met the attendance/assessment requirement.*

## Lesson Plan

Date/Time	Mode/Venue	Topics	Trainer
<b>Day 1</b>			
<b>21 Feb 2022</b> 9am to 12:30pm	 Synchronous lecture	An overview of tree failures Factors that contribute to: <ul style="list-style-type: none"> <li>○ Branch failure</li> <li>○ Trunk failure</li> <li>○ Root failure</li> </ul> Overall tree failure profile in Singapore <ul style="list-style-type: none"> <li>○ Failure types (branch, root and trunk)</li> <li>○ Failure types of distribution in Singapore</li> <li>○ Key failure types by species</li> </ul>	Dr Fong Yok King
<b>Day 2</b>			
<b>22 Feb 2022</b> 9am to 12:30pm	 Synchronous lecture	21 Species-specific Failure Profiles for 21 common wayside trees in Singapore <ul style="list-style-type: none"> <li>○ Key failure profile of the respective species</li> </ul>	Dr Fong Yok King
<b>Day 3</b> <i>(You will only need to attend one session according to your group assignment. Details to be confirmed)</i>			
<b>23 Feb 2022</b> 9am to 12pm	<b>Fort Canning</b>	Group 1: Field training	Sim Eng Koon
2pm to 5pm		Group 2: Field training	Sim Eng Koon



★ Meeting Point @ Fort Canning: Roundabout in front of [The Battle Box Centre at Fort Canning Park](#).

Address: 2 Cox Terrace, Battlebox, Singapore 179622