The **Urban Tree Detective** app is a mobile tool that enables users to identify urban trees and contribute reports on tree health and condition. The aim of this mobile tool is to harness the power of citizen science to enable researchers to map and monitor urban tree health and explore tree failures in urban environments. The Urban Tree Detective app seeks to advance our understanding of urban tree successes and failures by identifying the types of trees and locations more likely to fail in our rapidly changing climate. The Urban Tree Detective app will provide valuable information to assist urban managers in better species selection to secure the persistence and survival of urban forests by linking citizens, scientists, and governments.

Meet the Team

Dr **Manuel Esperon-Rodriguez** is a Research Fellow at the Hawkesbury Institute for the Environment at Western Sydney University. He is an urban ecologist expert in climate risk assessment of urban forests. His research incorporates climate adaptation into the management and conservation of urban environments.

Distinguished Professor **Belinda Medlyn** is the Theme Leader of Ecosystem Function and Integration at the Hawkesbury Institute for the Environment. Her research focuses on how plants, especially forests, respond to increasing atmospheric carbon dioxide and climate change.

Professor **Mark G Tjoelker** is the Associate Director of the Hawkesbury Institute for the Environment at Western Sydney University and is an internationally recognised expert on the physiology and ecology of forest trees and climate change biology, particularly the role of temperature and heatwave effects on tree physiology and growth.

User Agreement of Terms

By using this mobile application and uploading data, you agree to the following terms:

- Data Consent: You grant permission for the data you upload to be used for research purposes aimed at advancing our understanding of urban tree successes and failures.
- Data Use: The data you provide may be analysed to identify species and locations more likely to fail or succeed in urban environments.
- Privacy: Personal identifying information will be kept confidential and will not be shared with third parties.
- Data Accuracy: You agree to provide accurate and truthful information to the best of your knowledge when using the app.
- Ownership: While you retain ownership of the data you upload, you grant the app developers and associated researchers a non-exclusive, worldwide license to use, process, and analyse the data for research purposes.
- Modifications: The app developers reserve the right to modify these terms. Users will be notified of any significant changes.
- Termination: You may stop using the app at any time, but data already submitted will remain in the research database unless you specifically request its removal.
- By using this app and uploading data, you acknowledge that you have read, understood, and agree to these terms.