

URBAN FORESTS

<https://ccc.govt.nz/environment/trees-and-vegetation/tree-and-urban-forest-plan/>

Make it easier to find these resources on the Christchurch City Council website.

Put links to resources/maps/design guides where residents & developers look first.

Promote these resources on Christchurch City Council social media pages/profiles.

Create 'sound bite' visual/shareable posts for social media, based on the information under the 'Environmental', 'Economic', 'Social' headings.

Community education is the key to residents engagement & participation in building an Urban Forest.

PLANNING

- Christchurch Urban Design Panel:

<https://ccc.govt.nz/the-council/plans-strategies-policies-and-bylaws/urbandesign/urbandesignpanel>

<https://ccc.govt.nz/assets/Documents/The-Council/Plans-Strategies-Policies-Bylaws/Urban-Design/ChristchurchUrbanDesignPanel-DesignReviewGuidanceAndInformation.pdf>

Approved Urban Design plans (from Council/private developers) made available online for each Ward in:

<https://ccc.govt.nz/culture-and-community/statistics-and-facts/community-profiles/> &

<https://ccc.govt.nz/the-council/how-the-council-works/elected-members/community-boards/>, under 'What's happening in your area', 'Resources'.

Resources for residents to utilise in making landscape design decisions for their property (types of trees that grow well in their area, location, visual reference, type/colour/height of tree).

- Christchurch City Council 'Urban Design Guides and Guidelines':

<https://ccc.govt.nz/the-council/plans-strategies-policies-and-bylaws/urbandesign/urbandesignguides/>

- Christchurch City Council Urban Forests 'Tree Planting Guide':

<https://ccc.govt.nz/environment/trees-and-vegetation/tree-and-urban-forest-plan/tree-planting-guide>

Add type/colour/height of tree, native or introduced, approved or pest, link to reference photo, soil conditions, to the table.

Add guide to this link:

<https://ccc.govt.nz/the-council/plans-strategies-policies-and-bylaws/urbandesign/urbandesignguides/>

Promote this guide on Social Media.

- Create Christchurch City Council Planning Landscape Design Guides for:

Natives, Introduced Trees, Residential, Developers

Planning Landscape Design Guides made available online for each Ward in:

<https://ccc.govt.nz/culture-and-community/statistics-and-facts/community-profiles/> &

<https://ccc.govt.nz/the-council/how-the-council-works/elected-members/community-boards/>, under 'What's happening in your area', 'Resources'.

Promote these guides on Social Media.

- Christchurch City Council/Lucas Associates Ecosystem Map

<https://ccc.govt.nz/environment/land/ecosystem-map/>

<http://www.lucas-associates.co.nz/christchurch-banks-peninsula/ecosystem-map/>

Add map to this link for each Community Board: <https://ccc.govt.nz/the-council/how-the-council-works/elected-members/community-boards/> under 'What's happening in your area', 'Resources'.

This information is important for residents to know when planting trees & growing food to eat.

- Christchurch City Council Fruit Trees (promote this map on social media)

<https://smartview.ccc.govt.nz/map/layers/trees#/@172.65369,-43.50847,14>

- Check/remediate soil conditions in liquefaction affected areas.

- Check/remediate soil conditions in red zone for contamination: asbestos, lead paint, residual building/landscaping materials, chemicals, sprays used on gardens.

- Incentives for Developers & Residents to include trees in their landscape plans.

- Discount on specific trees at Christchurch City Council affiliated tree nurseries, with proof of rates/resident.

- Trees first, developments second. Plan around trees, if at all possible, before considering the relocation/removal of trees.

- New cycle lanes vs removal of existing significant trees, that are also part of the community identity/landmark, other options need to be looked at as part of the design process, last resort to remove existing significant trees.

- Main Roads with central tree planted island dividers, some with cycle lanes, in between lanes:

Bealey Ave, Fitzgerald Ave, Harewood Road, Linwood Ave improve the temperature of the main roads & community wellbeing.

LOCATIONS

Opportunities to plant more trees for the Christchurch City Council Urban Forest:

- New Developments (add appropriate trees based on height/location).

- Residential (add trees along the front/back fences of a property, rather than side fences, boundary/shade issues).

- Ōtākaro Avon River Corridor

<https://ccc.govt.nz/parks-and-gardens/regenerationareas/otakaro-avon-river-corridor>



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- Port Hills (utilise walker/runners using this area, create 'planting/watering' events)
<https://ccc.govt.nz/parks-and-gardens/regenerationareas/port-hills/>

- Christchurch City Council Sports Fields (protection from weather for spectators)
<https://smartview.ccc.govt.nz/map/layers/parks#@172.65369,-43.50847,14>

- Ministry of Education Christchurch Schools (collaborate to add trees to school fields as protection from weather & fruit trees for children/local community to eat)
<https://www.educationcounts.govt.nz/find-school>

- Corrections NZ Christchurch Prisons (collaborate to grow trees in a secure spacious environment, prisoner education & rehabilitation, probation services)
Christchurch Men's Prison: <https://goo.gl/maps/16xTM34ZJ8zt9N7Z8>
Christchurch Women's Prison: <https://goo.gl/maps/9d1G4PHu51Y6sbqX6>

TELL OUR STORIES

"A huge part of Christchurch's built environment, particularly heritage buildings, has been lost as a direct consequence of the 2010 - 2011 earthquakes. By and large, though, the city's trees, including its wonderful collection of Heritage and Notable trees, have survived the destruction - and provide a great sense of continuity and also reassurance: that something of value has not only survived but continues to flourish."
Helen Lowe, Christchurch-based author

"There are many New Zealand gardens and public spaces worthy of conservation because of what they tell us about our history, our people and the way landscapes have been used...we often think about buildings but forget that the spaces between them are just as important. Many people neglect the meaning and structure of open spaces which are in danger of disappearing because of development pressures to rebuild the city. We can lose what was essential to the original form of the city, and our connection to our past and its people."
Dr Wendy Hoddinott, Landscape Architect

The quintessential photo Hila Oren captured of the girls dressed in kilts, walking to school through the trees and daffodils, had me thinking...Christchurch is still 'The Garden City'. How many photos did you see on social media this weekend, of people admiring the cherry blossom trees in full bloom around Hagley Park?
<http://riseuprichmond.nz/think-christchurch-with-hila-oren/>

- Christchurch Beautifying Association
"Founded in 1897, the Christchurch Beautifying Association has been a strong advocate to make this city as one where beauty is respected and encouraged."
<http://www.christchurchbeautifyingassn.org.nz/>

- City Beautiful: the First 100 Years of the Christchurch Beautifying Association by Thelma Strongman
"The illustrated centennial history of the Christchurch Beautifying Association celebrating its achievements in transforming the city into 'the garden city'.
<https://christchurch.bibliocommons.com/v2/record/S37C246327>

- Christchurch City Council Significant Trees
Significant Trees are identified on the Christchurch City District Plan, under the 'Natural and Cultural Heritage' tab: <https://districtplan.ccc.govt.nz/PropertySearch/PropertySearchContainer.html>
<https://ccc.govt.nz/consents-and-licences/resource-consents/resource-consent-activities/general-rules-and-information/protected-trees-and-guidelines>
Add 'Significant Trees' to <https://smartview.ccc.govt.nz/>, under 'Find', so residents can find out about & connect with the history of these trees.

- Lucas Associates Ecosystem Map
"Learn about the soils & historic indigenous vegetation in & around Christchurch."
<https://ccc.govt.nz/environment/land/ecosystem-map/>
<http://www.lucas-associates.co.nz/christchurch-banks-peninsula/ecosystem-map/>

- Papanui Bush & Riccarton Bush
<https://ccc.govt.nz/environment/trees-and-vegetation/tree-and-urban-forest-plan/natural-forest-history/>
"Riccarrton Bush Pūtarīngamotu is a 7.8-hectare remnant Kahikatea Forest situated just 3km from the city centre of Christchurch."
<https://riccartonhouse.co.nz/riccarton-bush/>

- William A. Sutton: <https://riseuprichmond.nz/richmond-people/>
- Sutton's Place: <https://riseuprichmond.nz/suttons-place/>
"Artists often do have a connection to their garden and you can see Bill's personality come to life in his. He was very fond of trees and plants and designed and planted the garden himself. He had lots of natives and a love of contrasting textures, shapes, leaf forms and colour."
"Like Bill Sutton's garden. If we didn't have his garden, we could lose some of what Bill offered the world. He's contributed so much through his art. His garden gives us valuable insights into his way of life as an artist and the way he saw the world through it."
Dr Wendy Hoddinott, Landscape Architect
<https://www.landscapearchitecture.nz/landscape-architecture-aotearoa/2021/10/18/014979gram2uyk2ldeu5ouwr0xppgg>



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- Sutton Heritage House and Garden Charitable Trust: <http://www.suttonhouseandgarden.org.nz/>

- Richard Bedward Owen/'River Bank' Owen
<https://riseuprichmond.nz/richmond-people/>
<https://christchurchcitylibraries.com/Heritage/Publications/RichManPoorMan/RichardBedwardOwen/>
'Rich Man, Poor Man, Environmentalist, Thief' by Richard Greenaway: <https://christchurch.bibliocommons.com/v2/record/S37C276787>

- River Road Park: <https://riseuprichmond.nz/river-road-park/>
R. B. Owen Lime Trees (Richard Bedward Owen/'River Bank' Owen)
"In a ceremony on 1 September 1929, politicians local and national planted 53 lime trees on the north bank between the Swanns Road bridge and Medway Street."
It would be nice to replant these 53 lime trees to honor and tell R. B. Owen's story.

- River Bank Centre: <https://riseuprichmond.nz/river-bank-centre/>

- Retreat Road Park: <https://riseuprichmond.nz/retreat-road-park/>

- Red Zone Futures: Heritage
"While we at Heritage NZ know a lot about the Red Zones history, the communities that lived here know a lot more. We need to think about what technologies are available for us to record these histories and to keep retelling them into the future. We also need to think about how to anchor those stories to the place. In the Red Zone here in Avonside we can see a number of established trees and plantings, these would be connected to people's home, to businesses, to life in this area. So we probably need to think about how we are going to protect these trees and plantings into the future to ensure the stories remain connected to the place, and then the people remain connected to the place."
Dr Christine Whybrew from Heritage New Zealand
<http://riseuprichmond.nz/red-zone-futures-heritage-dr-christine-whybrew-from-heritage-new-zealand/>

- Kerrs Reach: <https://riseuprichmond.nz/kerrs-reach/>

- Woodham Park: <https://riseuprichmond.nz/woodham-park/>

- Overwintering Parks in NZ (Add 'Monarch Butterflies Overwintering' locations to <https://smartview.ccc.govt.nz/>, under 'Find', so residents can enjoy learning about the whole life cycle of the monarch butterflies. This is a great learning activity to get children involved in the environment.)
"The overwintering stage in New Zealand starts in April or May. This is when swarms of Monarch butterflies form regularly to overwinter at places around the country.
These Monarchs that overwinter in the trees live for about 7- 9 months."
<https://thebutterflymusketeers.com/2017/05/24/the-butterfly-musketeers-monarchs-overwintering-parks-in-nz-wintering-spots/>

- Dudley Creek Trail:
Bring residents out into their local communities to appreciate the existing tree canopy while walking along Dudley Creek & finding information about local birds/sites/Dudley Creek Flood Remediation.
<https://riseuprichmond.nz/dudley-creek/>

- George Malcolm, Landscape Architect, Emmett Street Block, Shirley
<http://www.lucas-associates.co.nz/assets/Document-PDFs/Shirley-Concept-Plan.pdf>, Page 15.
<https://goo.gl/maps/Q4ZkBezcJJGzYKn9>
"A feature of the [Shirley] area is the tree lined streets which are a result of George Malcolm's design... Today the large Scarlet Oaks are a unique feature of the area."
"George had a prolific career in landscape architecture and a life member of the NZILA. Much of his work can be recognised around Christchurch, including the Canterbury University grounds."
"For the Emmett Street Block subdivision, the planners had originally allocated just 3 different species of shrubs and hedge plants; crab apples were the common street tree available.
George organised the establishment of a nursery on the old Ballantyne* Block in Hansons Lane in Christchurch so there were more plants available for housing developments - especially large trees.
At this nursery, George began to propagate big trees with the help of a large glasshouse gifted to him from the Burnham Military Camp."
*Interestingly, my family shifted back to Christchurch when I was a teenager & our home was on Ballantyne Avenue. When my son was born, we shifted to Shirley. Two things sold me on moving across the city to this area: we attended antenatal classes at the Shirley Community Centre & driving through Emmett Street underneath an impressive canopy of established Scarlet Oak trees.

- Dudley Street Trees
"Dudley Street Oak: The trees are Quercus x heterophylla, aka Bartrams oak, which are rare in both the Christchurch and NZ context. Arguably, they also constitute the single most significant feature in the Dudley Street Character Area."
<https://givealittle.co.nz/fundraiser/chchnotabletrees/updates/ae01d924>
<https://riseuprichmond.nz/dudley-character-area/>
<https://goo.gl/maps/2hcH5BeRCvAtVh5i9>



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OPPORTUNITIES

- Community Education through learning libraries & climate change campus, to educate & connect residents to the trees in their local areas. Intergenerational opportunities.

- "SAP" Program: 'Sponsor A Plant', interactive web based sponsorship program, any one in the world can help with the replanting of the Corridor, selecting from a range of plants, yearly sponsorship fee includes: photo updates and gps location of planting so visitors can find 'their' plant in the Corridor, incentive to come to Christchurch and see 'their' plant in person.

Collaboration with Christchurch City Council, ChristchurchNZ & The Christchurch Foundation:

<https://christchurchfoundation.org.nz/>

<http://riseuprichmond.nz/draft-oarc-regeneration-plan-feedback/>

- utilize enviroschools & community gardens

- collaborate with Ministry of Education, to plant more trees in around schools & their sports fields/ playgrounds, protection from the weather

- utilize school climate change protest children to grow & take care of trees in their local communities

- utilize students needing credit to obtain credits for NCEA, Duke of Edinburgh, Cubs & Scouts etc

- utilize students studying related courses at tertiary providers

- tree support education:

selecting a site, soil condition, sun/wind/frost issues, watering/feeding, health issues

- Christchurch City Council Promotional Materials: tree guide for residents/developers, social media posts, make better use of images from reports by sharing them with residents

- Christchurch City Libraries: Community Education in Learning Spaces for residents/developers in local suburban libraries, Seed/Plant/Tree Swapping Events, Local Garden Tours

- StoryWalk(R): Promoting literacy, reading, health, exercise, and movement in communities and neighbourhoods. Connecting books about trees/birds/climate change to local park trails.

<https://letsmovelibraries.org/storywalk/>



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