Keeping Hawaii Clean, Green & Beautiful Since 1912

Updates on Three Tree Planting & Preservation Partnerships

"The Power of Coalitions to Achieve Urban Forestry Goals"

Speakers:

Brian Bagnall, President, Greater Waikiki Branch
Myles Ritchie, Programs Director, TOC State Office

1. Trees For Honolulu's Future

First Conference held 9th March
190 Attendees including Mayor Caldwell

Proclamation

WHEREAS, Trees for Honolulu's Future is promoting the planting and maintenance of trees throughout O'ahu and is sponsoring an all-day conference, Growing Our Urban Forest, on March 9, 2018, at the Ala Wai Golf Course Club House to further this endeavor; and

WHEREAS, the featured speaker at this conference will be Ian Shears of Melbourne, Australia, who has led the movement to successfully transform Melbourne from "a forest in a city" to "a city in a forest"; and

WHEREAS, climate change has led to increasing temperatures in the tropics and throughout the globe and it's imperative that more trees be planted across O'ahu in order to ensure our island's sustainable and resilient future; and

WHEREAS, trees not only provide shade and lower temperatures to make our island more walkable, they also absorb water, carbon dioxide, and particulate matter, while simultaneously beautifying our city and contributing to our mental well being; and

WHEREAS, Trees for Honolulu's Future has set the goal of increasing O'ahu's tree canopy from 25 percent to 35 percent by the year 2035; and

WHEREAS, Trees for Honolulu's Future is bringing together city departments, The Outdoor Circle, Smart Trees Pacific, the University of Hawai'i, Healthy Climate Communities, the U.S. Forest Service, Hawaiian Electric Company, planners, landscape architects, arborists, developers, facility managers, non-government agencies, community advocates, and others to help increase O'ahu's tree canopy; and

WHEREAS, the City and County of Honolulu fully supports the effort by Trees for Honolulu's Future to increase our tree canopy to 35 percent by the year 2035;

NOW, THEREFORE, I, KIRK CALDWELL, Mayor of the City and County of Honolulu, hereby proclaim March 9, 2018, to be

TREES FOR HONOLULU'S FUTURE DAY

in recognition of the organization's worthwhile and achievable goal of increasing O'ahu's tree canopy by 10 percent to 35 percent over the next 17 years by engaging various community stakeholders, its promotion of trees as a way to benefit our residents' overall good health, and for helping to beautify our city through the planting of more trees, especially along our urban core.

Done this 9th day of March, 2018 in Honolulu, Hawai'i.

KIRK CALDWELL

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KIRK CALDWELL
MAYOR

ROY K. AMEMIYA, JR.
MANAGING DIRECTOR

GEORGETTE T. DEEVER
DEPUTY MANAGING DIRECTOR

MESSAGE FROM MAYOR KIRK CALDWELL

Aloha! Welcome to the Trees for Honolulu's Future, Growing Our Urban Forest Conference.

Trees are crucial to our city's future. You know that, and I know that. Now, we need to get the word out so that all of our residents and visitors throughout the City and County of Honolulu know it too. However, it's not just a matter of knowing that trees are important, it's a matter of implementing a reasonable and well-developed plan.

We need to increase our urban tree canopy from 25 percent to 35 percent by the year 2035 so that our streets remain walkable and as global temperatures continue to rise in the years ahead.

As mayor, I love trees and I love planting them. They provide shade, lower temperatures, absorb water and carbon dioxide, and help mitigate pollution. They also beautify our island and contribute to our overall good health. I am sure that almost everyone on O'ahu can think of the many good purposes trees serve and the many blessings they bring.

We are here today to start on a path that will lead us to a 35 percent urban tree canopy in the City and County of Honolulu by 2035. Let's dedicate ourselves to finding out how a community like Melbourne, Australia has moved away from having "a forest in the city" to becoming "a city in a forest!" Let us learn together how to overcome all of the challenges we face in making our city more green. If our friends in Melbourne can do it, so can we. Together, we *will* increase our tree canopy by 2035 so that future generations can enjoy a more lush and welcoming Honolulu. Let's all of us make the pledge to start that effort today.

Kirk Caldwell

TREES FOR HONOLULU'S FUTURE

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THE OUTDOOR CIRCLE

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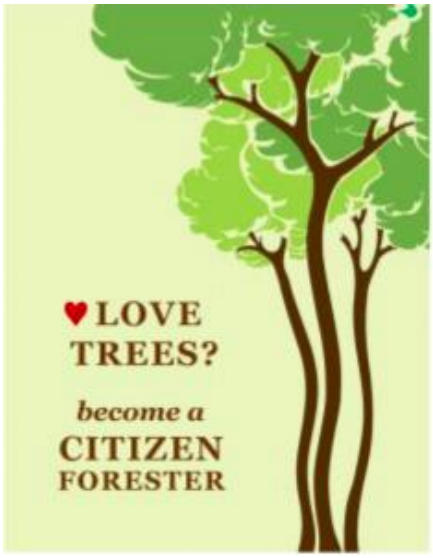
CITY AND COUNTY OF HONOLULU

2. CITIZEN FORESTER PROGRAM

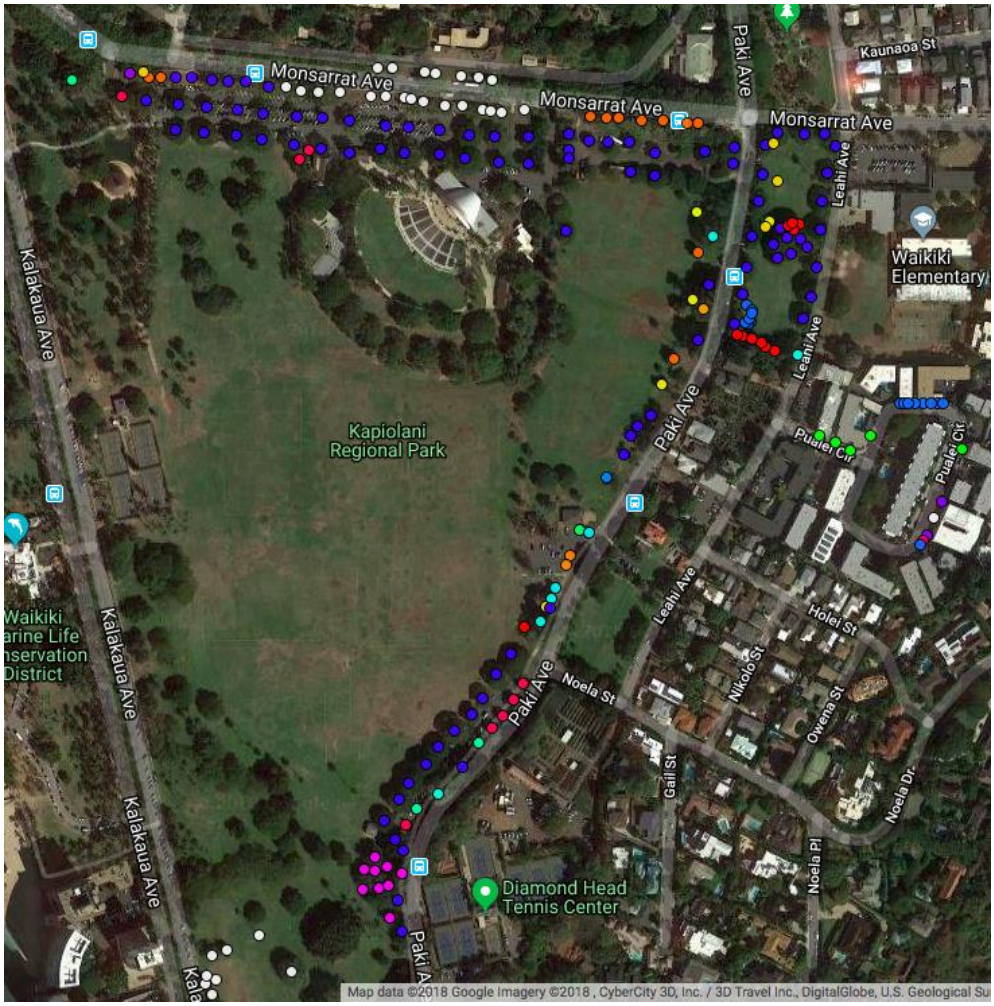


Currently Collected Data for:

Kailua – 5,086 Trees

Waikiki – 244 Trees

Manoa – 474 Trees



DSH	17
Height Range	30
Number of Stems	1
Crown Spread (L) (ft)	48
Crown Spread (S) (ft)	48
Live Crown Ratio	33%
Density	
Condition	○ Dead / Dying ○ Poor - Major Problems ○ Fair - Minor Problems ◉ Good - No Apparent Problems
Percent Dieback	◉ None ○ < 5% ○ 20% ○ 40% ○ >60% ○ 10%
Tree Comments	

Eco-Benefits

Overall

Overall Monetary Benefit

$74

Stormwater Management

Runoff Prevention (Gallons)

2,006

Stormwater Monetary Benefit

$20

Property Value

Eco-Benefits

Pollutants removed (lb)

2.63

Air Quality Monetary Benefit

$3.76

Carbon

Carbon Avoided (lb)

192

Carbon Stored (lb)

386

Carbon Sequestered (lb)

206

Carbon Monetary Benefit

$1.29

3. Carbon Neutrality Challenge

Through a partnership with the University of Hawaii at Manoa and The Outdoor Circle, the *"Carbon Neutrality Challenge*" uses a combination of environmental education and the planting of native trees in order to increase awareness of the effects of climate change in Hawaii and provide a way to take action in reducing ones footprint through direct reforestation efforts. Initially started as a means to educate students from the 3rd grade to seniors in university through uniquely tailored classroom sessions, the program has gathered enough support from the general public to open up the "Carbon Neutrality Challenge" to all those interested in trying to make a difference in Hawaii by reducing their carbon footprint through lifestyle changes and sequestering carbon through the planting of trees.