



# Maui Green & Beautiful

*Caring for the Āina  
Through Preservation, Protection & Education*

*May the Forest be with You*



Maui Green & Beautiful

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PO Box 402, Kahului, HI 96733



## 2025 Tree Plantings

**Kealia Pond  
National Wildlife  
Refuge**

**And DLNR Native  
planting area in Kihei  
near the Shearwater  
nesting area**



# *Caring for the Aina through....*



Kalama Park, Kihei-Milo tree plantings-2010

# Preservation: Maui County Exceptional Trees

*MG&B Nominations were Approved in 2018*

*Olowalu Tree Tunnel, Old Maui High School Selected Campus Trees & South Kihei Road Famous Monkey pod Street Trees!*



# Protection: Support the MCPP as a Requirement, Support Tree Ordinances for more Shade, “No Topping”, Proper Pruning, More Tree Protection, Alternatives to Tree Removals.....

MAUI COUNTY PLANTING PLAN – THIRD EDITION



**IT'S ALL ABOUT SHADE!**

*UH Maui College Science Parking Lot, E. H. Rezents photograph, taken January 2011.*

This document has been researched, written and coordinated for the Maui County Arborist Committee

By

**Ernest H. Rezents**





# CLIMATE CHANGE & HEAT ISLANDS



**TREELESS PARKING LOTS MAKE PROBLEMS OF CLIMATE CHANGE WORSE  
THEY ARE UNATTRACTIVE, UNHEALTHY AND UNCOMFORTABLE**

1. INCREASED LEVELS OF CARBON POLLUTION IN THE ATMOSPHERE
2. HOT TEMPERATURES DUE TO CARBON POLLUTION & LESS EVAPORATIVE COOLING
3. HIGHER LEVELS OF ENERGY CONSUMPTION TO SUPPORT COMFORT & HEALTH
4. EXTREME STORMS WITH FLOODING, WATER POLLUTION & ECONOMIC DAMAGE



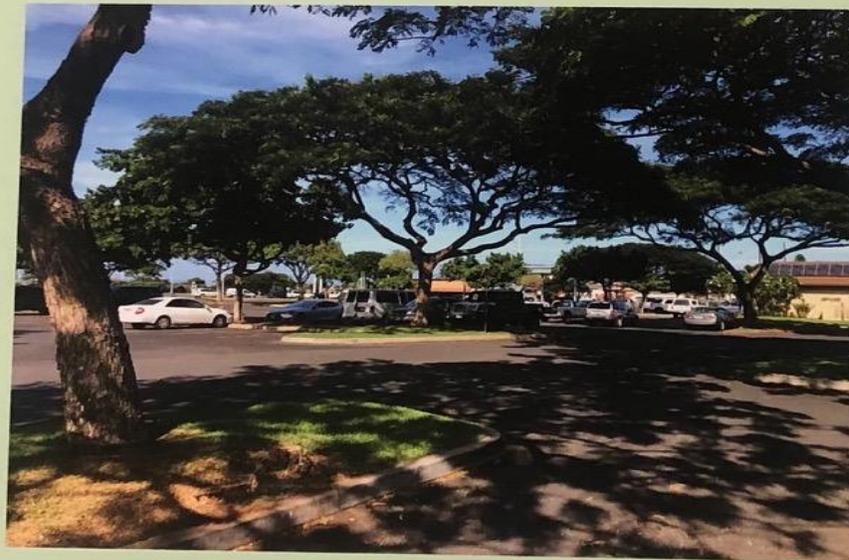
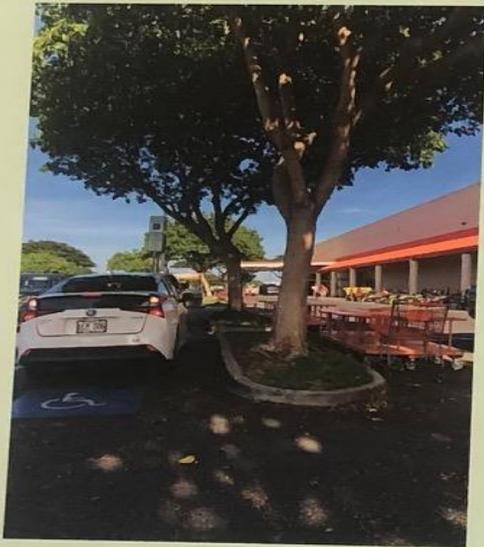
STUNTED TOPPED TREES - MEETS CURRENT CODE



ONE LONE TREE - DOESN'T MEET CODE



TOKEN TREES CONSTANTLY TOPPED- MEETS CURRENT CODE



NEW CODE - TREES GROW - SHADE HELPS LESSEN HEAT ISLAND EFFECTS OF HARDSCAPE

# RE-SHADE Maui Public & Private Awareness Campaign

**Maui Green & Beautiful** with partnership of the **Kihei Community Association**

The **Focus** will be on the **importance of parking lot shade to fight climate change and for a Healthier Community**

**Education Outreach** to management of shopping centers, condos, places that have parking lot areas that are considered “Heat Islands”. **The Outreach** will also include recognition of existing shady parking lots.

**Testifying** for stronger Maui County Parking lot ordinances to include 50% shade canopy of trees in parking areas and “No Topping” follow the Maui County Planting Plan & ANSI A300 Tree Care Standards-used by the ISA-International Society of Arboriculture & TCIA-Tree Care Industry Association.

**Testifying for the Maui County Planting Plan** to become an Ordinance to protect the Urban/Community forest **Education Outreach to Arborists and Community members to be a part of Re-Shade Maui and to **Stop the Chop!****



**Keep it cool! Shade parking lots with trees.**

## Shade Trees are Cool!



### Calming Effect

- Shady parking lots reduce stress and are good for our well being



### Good for Business and Community

- Customers shop at stores that have more shade



### Cool for Parking

- Lowers temperatures
- Reduces energy use
- Shades parking



### Environmental Benefits

- Reduces carbon
- Provides oxygen
- Filters out particle pollutants
- Reduces storm runoff



### Increases Property Values

- Beautifies the environment
- Creates tranquility

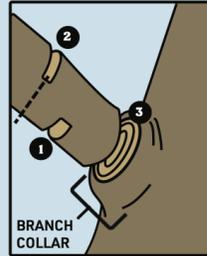
## Improper Pruning = No Shade

- No shade, increases temperatures creating “heat islands” such as parking lots.
- No shade, increases energy use of the surrounding buildings.
- Improper pruning, increases storm runoff and reduced pavement life.
- Improper pruning increases liability potential from weak branches falling.

# How to Prune Trees Properly

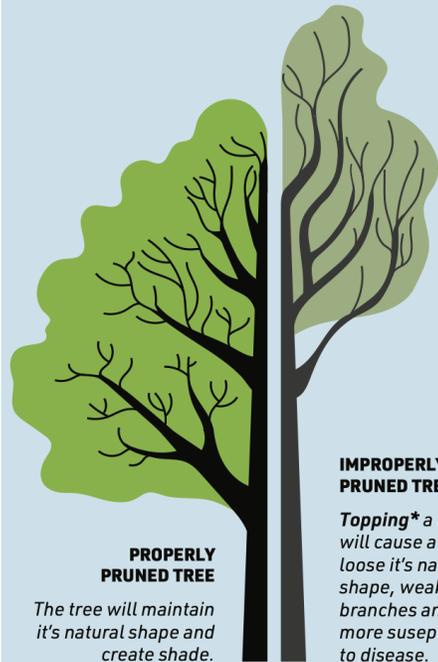
## Pruning Do's

- Remove dead wood & broken limbs
- Remove low branches for clearance
- Maintain 75% or more of the tree canopy
- Maintain 75% of foliage of a single branch
- Use proper pruning techniques and cuts
- Cut branches at the collar (No flush cuts) →



## How to make a pruning cut:

1. Make an undercut about 12-18 inches from the limbs attachment.
2. Make a second cut from the top, directly above or a few inches farther out on the limb. Doing so removes the limb leaving a stub.
3. Remove the stub by cutting back on the branch collar. This technique reduces the possibility of tearing the bark.



**PROPERLY PRUNED TREE**  
The tree will maintain its natural shape and create shade.

## IMPROPERLY PRUNED TREE

*Topping\* a tree will cause a tree to lose its natural shape, weaken branches and be more susceptible to disease.*

## \*What is Topping?

next page ...

# Topping Hurts Trees



## What is Topping?

- Cutting tree branches to stubs or lateral branches, heading, tipping, hat racking, rounding over, stubbing & pollarding

## Topping Stresses Trees

- Removing leaves starves the tree. The leaves of a tree are food factories.
- Topping may leave large open wounds which are more vulnerable to insect & disease infection.
- Topping may lead to sunburn of the tissues beneath the bark, leading to cankers, bark splitting and death of branches.



## Topping Weakens Trees

- Topping causes a tree to produce multiple fast growing shoots and prone to breaking.
- Topping leads to tree decay leading to unacceptable risk.



## Topping is Expensive

- Increased maintenance costs as repeated pruning is needed.
- Topping Increases liability potential from weak branches.



## Resources for tree care

treesaregood.org • mauicounty.gov (Planting Plan) • mauibeautiful.org

Dedicated to Honor Maui's own Tree Expert Ernest H. Rezens "It's All About Shade"

## Mahalo to all our supporters



This institution is an equal opportunity provider.

Contact us: [mauigreenbeautiful@gmail.com](mailto:mauigreenbeautiful@gmail.com)

This work is being funded in part by the Kaulunani Urban and Community Forestry Program of the DLNR Division of Forestry and Wildlife; and State and Private Forestry, branch of the USDA Forest Service, Region 5

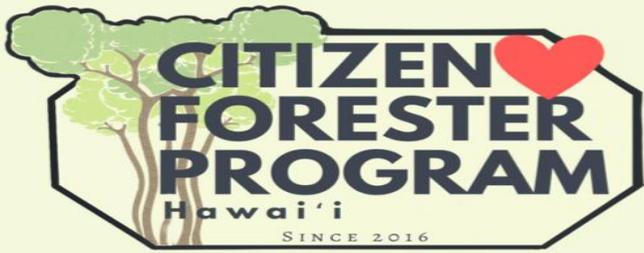
## & Education:

**TreeCircus –Started in 2014 and continues.**

***With “edu-tainers”(educator & entertainer) Tim Wormick & Grayson Keaton!! “What Do Trees Give Us?”***

*Free Educational Events to Maui Schools-Partnership between MG&B and Western Chapter of the International Society of Arboriculture*





# Citizen Forester Program

Our award-winning program trains & certifies community members as citizen scientists to map our city's trees, working as tree ambassadors to help spread awareness about the importance of Hawaii's urban forests.

## WHY MAP TREES?

Street trees are important community assets and the backbone to our urban green spaces.

Urban Forestry caretakers rely on precise records of public trees, which is exactly what this program is establishing. Communities are experiencing a loss of street trees annually, and our objective is to reverse this trend in Hawaii.

Citizen Foresters are working to improve Hawaii's tree records to show:

- Where our trees are located**
- Which ones need attention**
- What benefits they provide**

Check Out Hawaii's Tree Inventory:



## Become a Citizen Forester!

- Learn about the importance of trees in your community
- Receive Citizen Science Certification
- Gain important forestry skills
  - ◆ Identify Tree Species
  - ◆ Assess Tree Health
  - ◆ Use Forestry Tools & Databases
- Work with Forestry Professionals

**Starting FEBRUARY 1, 2025**

**Maui Green & Beautiful** is partnering with **Smart Trees Pacific** to bring the **Citizen Forester Program** to Maui!

**SIGN UP NOW!**

[mauigreenbeautiful@gmail.com](mailto:mauigreenbeautiful@gmail.com)



USDA is an equal opportunity provider, employer, and lender. Funded by a grant from the Kaulunani Urban and Community Forestry Program of the DLNR Division of Forestry and Wildlife, and State and Private Forestry, branch of the U.S. Forest Service, Region 5

*Maui Green & Beautiful is partnering with UH Maui Campus,  
with grant funding from Kaulunani Urban & Community Forestry  
to present*

**"Malama the Trees - Our Community Forest"**

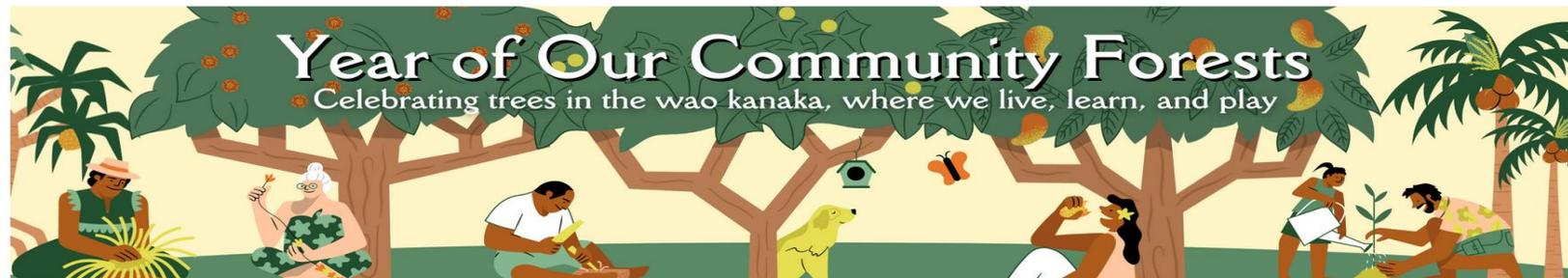
A free 2-day event for students and our community, to celebrate Hawaii's "Year of Our Community Forest: Celebrating trees in the wao kanaka, where we live, learn, and play", to be held at the University of Hawaii Maui College. **Friday & Saturday November 14 and 15**

**GOAL: TO UNDERSTAND THE VALUE OF OUR COMMUNITY FORESTS**

Careers, Tree Benefits, Tree Care, "Firewise" and Invasive Species

**Activities:**

Tree walk, Arborist talk & demo, Cultural connection-Introducing Kumula'au, a native tree card game



## 2025 EVENTS:

- \*AgFest –May 2025
- \*Maui Green & Beautiful Annual Meeting –June 2025
- \*Fruit Tree Giveaway Gift from The Outdoor Circle, Hosted by MG&B and Maui Nui Botanical Gardens-June 2025
- \*Workshop-MG&B and Western Chapter of the International Society of Arboriculture-August 2025
- \*Maui Nui Botanical Garden La’Ulu Festival-September 2025
- \*Maui Nui Botanical Garden Arbor Day Tree Giveaway & Maui Association of Landscape Expo- November 2025
- \*Malama the Trees & Year of Our Community Forest Partnership with UH Maui College-November 2025



**MAUI NUI**

*Breadfruit Day*  
MAUI NUI BOTANICAL GARDEN  
(150 Kanaloa Avenue, Kahului)

**CELEBRATING ALL THINGS 'ULU**

**FREE COMMUNITY EVENT!!!**

*Live Entertainment • Food Made with 'Ulu • Cultural Demonstrations*  
**SATURDAY, SEPTEMBER 6, 2025 • 9AM-2PM**



*“Hahai no ka ua ululaau”  
The Rainfall follows the Forest.*

Mahalo for your Time & Support !

Join Us & Make a Tree-mendous Difference  
on Maui now & for the future!

Please contact us at:

[Maugreenbeautiful@gmail.com](mailto:Maugreenbeautiful@gmail.com)

Or Like Us on FACEBOOK



## ADEPT Committee

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**From:** Maui Green & Beautiful <mauigreenbeautiful@gmail.com>  
**Sent:** Wednesday, June 4, 2025 10:52 AM  
**To:** ADEPT Committee  
**Subject:** ADEPT Committee presentation from Maui Green & Beautiful  
**Attachments:** Presentation2.pptx MG&B 2025.pptx

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Aloha,  
Attached is our presentation for tomorrow's ADEPT meeting.  
Thank you,  
Elaine Malina  
Maui Green & Beautiful  
808-281-9297