

WELCOME

City Planning Department
Natural Resources Advisory Committee
March 29, 2022



Housekeeping Items



Agenda

- Welcome
 - present goals for the meeting
 - committee's scope of work
- Introductions
 - Each member has 2 minutes to introduce themselves
- Presentation - Introduction to the Urban Forest Management Plan
- Discussion
- Break
- Presentation— Alternatives for Action
- Agenda of the next meeting

Natural Resources Advisory Committee Members

NAME	CATEGORY
Lori Ballard	Certified Arborist
Kevin Robles**	Builder/Contractor
Scott Gilner*	Professional Engineer
Kim Tapley	Environmental Scientist
Richard Peterika	Landscape Architect/Certified Arborist
Maggie Wilson	Neighborhood Representative
Dominique Cobb	Neighborhood Representative
Jacob Bruynell	Real Estate Attorney/Realtor Representative
Michael Maurino	Business Alliance Representative
* Chair	
** Vice-Chair	

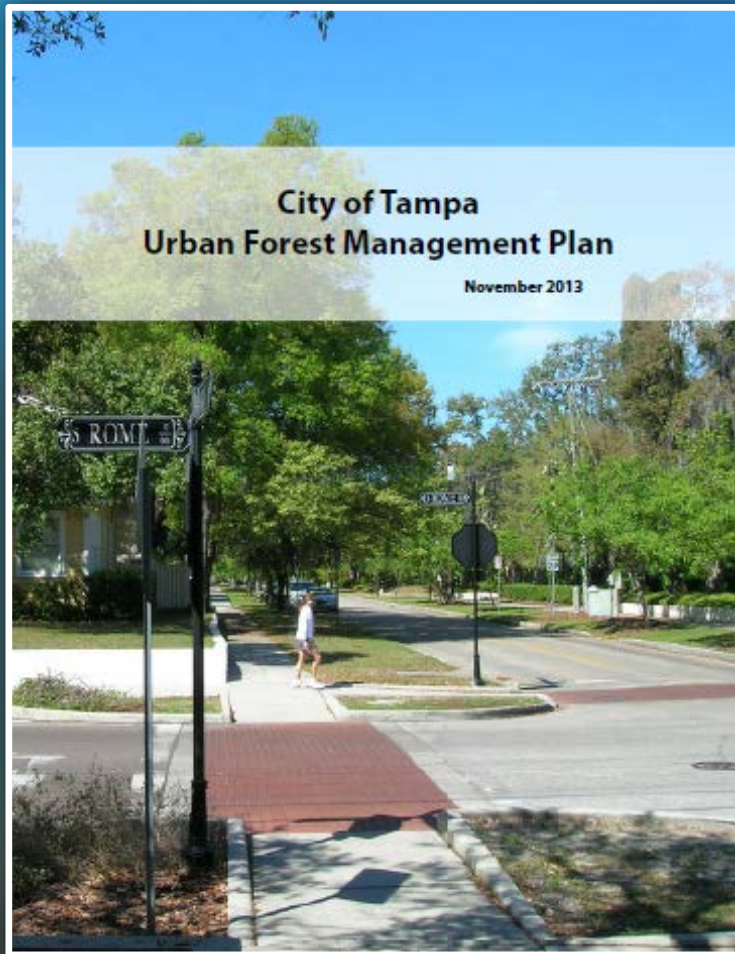


Brian Knox

Senior Forester Examiner

City Planning Department

- Brian Knox is a Senior Forester Examiner with the City of Tampa. Brian has been with the city for 8 years and an urban forester for over 10 years. Brian has a Masters of Science in Urban Forestry. When he's not thinking about trees, he rides bicycles, and getting prepared to be a dad for the first time.



Tampa's Urban Forest Management Plan (UFMP)

City of Tampa Urban Forest Management Plan

November 2013



Robert Northrop
Extension Forester

UF | IFAS Extension
UNIVERSITY of FLORIDA

Committee Mission / Purpose

- The Advisory Committee on Natural Resources, consists of a balanced representation of the City's economic, environmental and social interests, to assist the City Planning Department on an annual basis in making recommendations as part of the adaptive management strategy for implementation of the Urban Forest Management Plan.

Mayor's Steering Committee on Urban Forest Sustainability

- *Vision (2009)*

Maintain and expand Tampa's urban forest in recognition of the many benefits it provides, including:

1. Enhancing quality of life for present and future citizens,
2. Attaining numerous economic and ecological benefits Nature provides, and
3. Seizing opportunities to better understand our natural environment through scientific research and public education.

Mayor's Steering Committee on Urban Forest Sustainability

- *Goals*

1. Biodiversity / Habitat
2. Education / Research
3. Forest / Tree Maintenance
4. Public / Private Partnerships
5. Regulation / Incentives
6. Sustainability



Guiding Principles (limits to gov't action)

1. Government Efficiency
2. Economic Growth
3. Public Private Partnerships
4. Increase the social, environmental and economic benefits of the urban forest by reducing costs
5. Support Communities
6. Support Basic Tenets of the City's Comprehensive Plan

Criteria and Key Objectives

Criteria	Key Objective
Species suitability for Tampa's climate zones	Establish a tree population suitable for Tampa's urban environment and adapted to the regional environment.
City natural resource and forestry staffing	Employ and train adequate professional staff to implement citywide urban forest management plan.

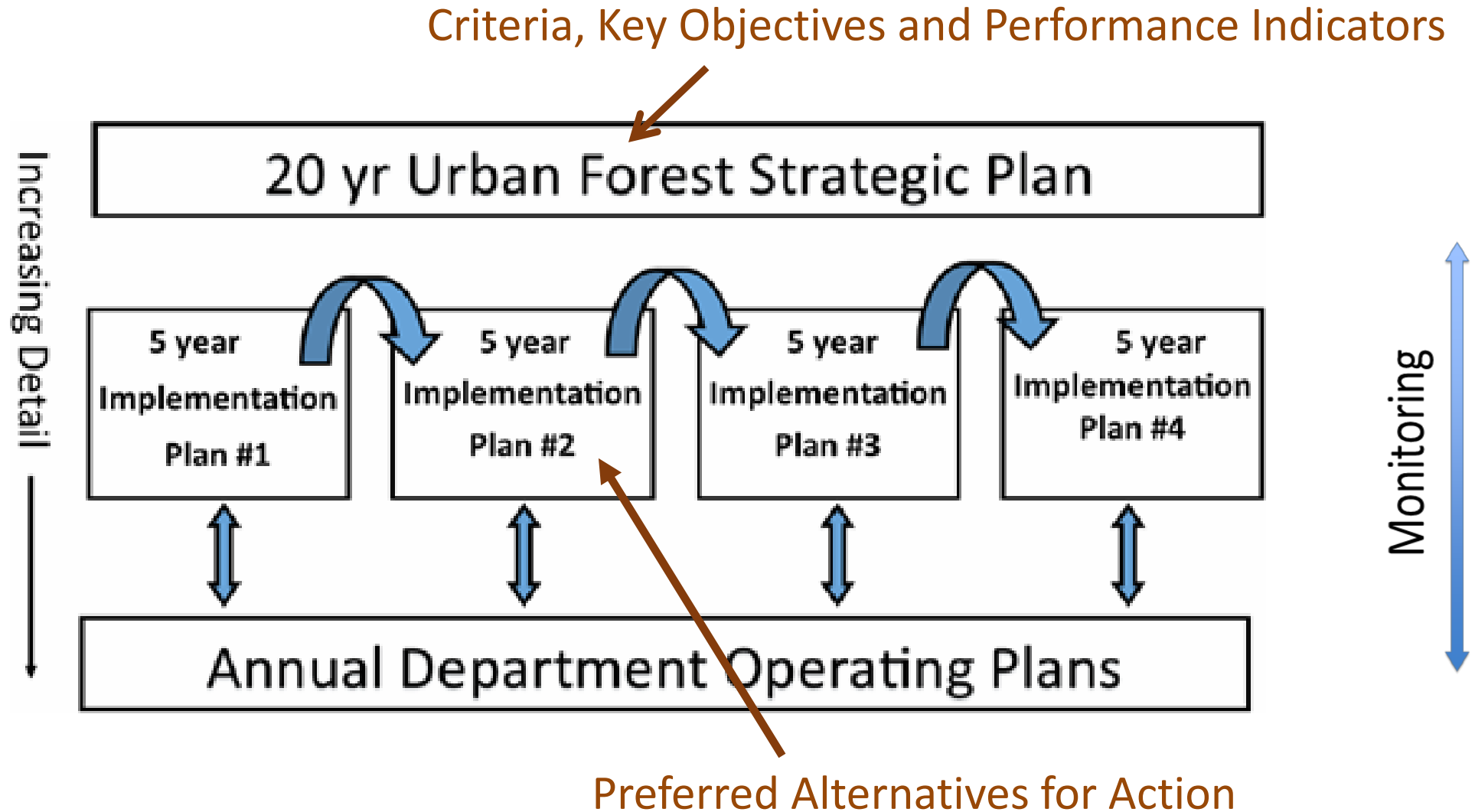
- Criteria define essential elements of the plan.
- Key Objectives are the targets of the Criteria.

Performance Indicators (measuring progress)

Criteria	Vegetation Resource - Performance Indicators				Key Objective
	Low	Moderate	Good	Optimal	
1 Species suitability for Tampa's climate zones	Less than 50% of trees are of species considered suitable for Tampa.	50%-75% of trees are of species considered suitable for Tampa.	More than 75% of trees are of species considered suitable for Tampa.	At least 90% of the trees are of species suitable for Tampa.	Establish a tree population suitable for Tampa's urban environment and adapted to the regional environment.
3 Tree species diversity	Fewer than five species dominate the entire tree population citywide.	No species represents more than 20% of the entire tree population citywide.	No species represents more than 15% of the entire tree population citywide.	No species represent more than 10% of the entire tree population citywide.	Establish a diverse tree population citywide.

20 Year Strategic Plan

Four 5-Year Implementation Plans



City Council Plan Adoption 2013

Executive Order 2014

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RESOLUTION NO. 2013- 21

A RESOLUTION ACCEPTING THE CITY OF TAMPA URBAN FOREST MANAGEMENT PLAN AS THE STRATEGIC PLAN FOR THE MANAGEMENT OF TAMPA'S URBAN FOREST; ESTABLISHING ADAPTABLE, QUANTIFIABLE, AND SCIENCE-BASED STRATEGIES FOR MAINTAINING AND EXPANDING THE URBAN FOREST; RESCINDING ALL RESOLUTIONS IN CONFLICT; PROVIDING AN EFFECTIVE DATE.

WHEREAS, in 2010, under an agreement authorized by City Council through Resolution 2010-392, the City engaged experts from University of South Florida and University of Florida IFAS, to provide complementary professional-technical assistance to City natural resources staff in completing the plan and to develop and manage the public engagement effort; and

WHEREAS, to insure a balance of continued stakeholder input throughout the planning process, the City initiated the formation of a steering committee comprised of members from a variety of government, business, and neighborhood interests; and

WHEREAS, to insure consistency and efficiency in interdepartmental coordination, as well as design and review of future capital improvement projects, the City initiated the formation of an Internal Technical Advisory Committee comprised of department directors and their appointed designees; and

WHEREAS, an extensive public outreach effort involving the development and use of a web-based and social media campaign, several stakeholder meetings, focus groups, and use of an online survey, thereby providing multiple opportunities for the public to provide feedback and input into the formulation of the plan; and

WHEREAS, to insure continued progress and implementation of the Urban Forest Management Plan, the Plan calls for the ongoing continuation of the Internal Technical Advisory Committee and the creation of an Advisory Committee on Natural Resources, which will be comprised of members from a variety of government, business, and neighborhood interests; and

WHEREAS, on a semi-annual basis, the internal technical advisory committee will be responsible for reviewing the implementation of each 5-year list of preferred alternatives for action derived from the Plan, and reporting those findings to the Advisory Committee on Natural Resources; and

WHEREAS, on an annual basis, both committees will hold a joint session to discuss accomplishments and recommended strategies for accomplishing the scheduled objectives from the Plan, and publish a report of those findings for distribution to the City Council, Administration, and the general public; and

WHEREAS, the Urban Forest Management Plan was presented in an open, public information workshop on September 18, 2013, at the Barksdale Senior Community Center in West Tampa; and

WHEREAS, the Urban Forest Management Plan was presented to City Council in a public workshop on November 14, 2013.

NOW, THEREFORE,

**BE IT RESOLVED BY THE CITY COUNCIL
OF THE CITY OF TAMPA, FLORIDA:**

Section 1. That the City Council of the City of Tampa hereby acknowledges the Urban Forest Management Plan as the strategic plan, with a 20-year planning horizon, defining criteria, performance measures, and alternatives for action; and, by following an adaptable, quantifiable, and science-based approach, the City of Tampa will address the challenges to growing and maintaining a healthy urban forest, in an efficient and sustainable manner.

Section 2. That the proper officers of the City of Tampa are hereby authorized to do all things necessary and proper in order to carry out and make effective the provisions of this resolution.

Section 3. That this resolution shall take effect immediately upon its adoption.

**PASSED AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF TAMPA,
FLORIDA, ON NOV 21 2013.**

ATTEST:


SHIRLEY FOX-KNOWLES
CITY CLERK


CHARLIE MIRANDA
CHAIRMAN, CITY COUNCIL

APPROVED AS TO FORM:


MARTIN SHELBY
CITY COUNCIL ATTORNEY

EXECUTIVE ORDER 2014- 17

WHEREAS, the Tampa City Council approved Resolution 2013-921, on November 21, 2013, which accepted the City of Tampa's Urban Forest Management Plan, the "Plan,"; and

WHEREAS, the Plan is a strategic plan, with a 20-year planning horizon, defining criteria, performance measures, and alternatives for action; and, by following an adaptable, quantifiable, and science-based approach, the City of Tampa will address the challenges to growing and maintaining a healthy urban forest, in an efficient and sustainable manner; and

WHEREAS, to insure balance, consistency, and efficiency in interdepartmental coordination and public engagement, the Plan calls for the formation of an Internal Technical Advisory Committee comprised of department directors and their appointed designees, and the creation of an Advisory Committee on Natural Resources, which will be comprised of members from a variety of government, business, and neighborhood interests; and

WHEREAS, it is in the best interests of the City of Tampa that all City departments actively cooperate in the implementation of the Plan, and that the Natural Resources Coordinator of the Planning and Development Department, Planning & Urban Design Division, be authorized to oversee and coordinate such interdepartmental cooperation and the overall implementation of the Plan.

NOW, THEREFORE, by virtue of the authority vested in me as the Mayor of the City of Tampa by Section 4.01 of the Charter of the City of Tampa, and the laws of the State of Florida, I do hereby prescribe and promulgate the following:

1. That the Natural Resources Coordinator of the Planning and Development Department, Planning & Urban Design Division, is hereby granted the power and authority to take all necessary actions to implement the Plan.

2. This Executive Order shall take effect immediately upon its execution.

DONE AND ORDERED this 17 day of April, 2014.


BOB BUCKHORN, MAYOR

Approved as to form:


Kate Taylor, Assistant City Attorney

EO13-8 CH 27

Organization of the Plan



Urban Forest Ecological Analyses

City of Tampa Urban Ecological Analysis 2006-2007



City of Tampa 2011 Urban Forest Analysis The Structure, Composition, Function and Economic Benefits of Trees and the Urban Forest

September 2013

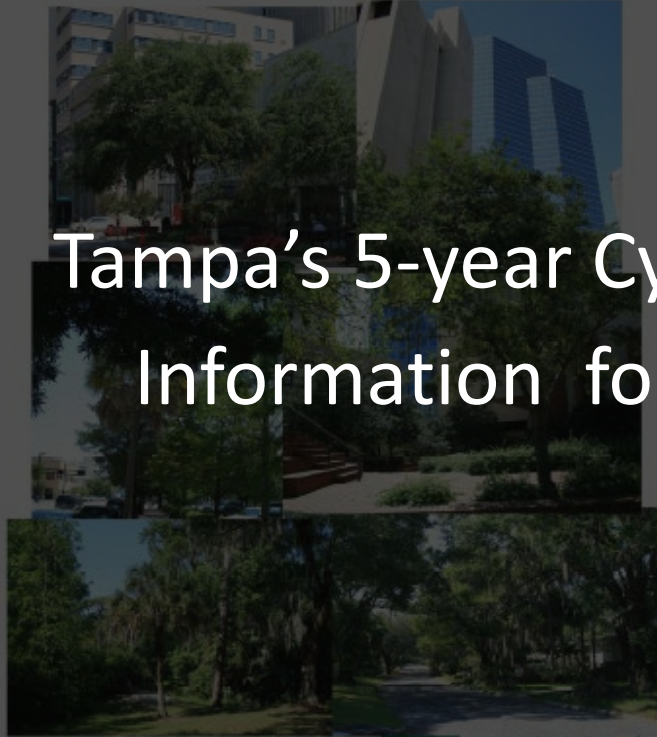


City of Tampa Tree Canopy and Urban Forest Analysis 2016



Urban Forest Ecological Analyses

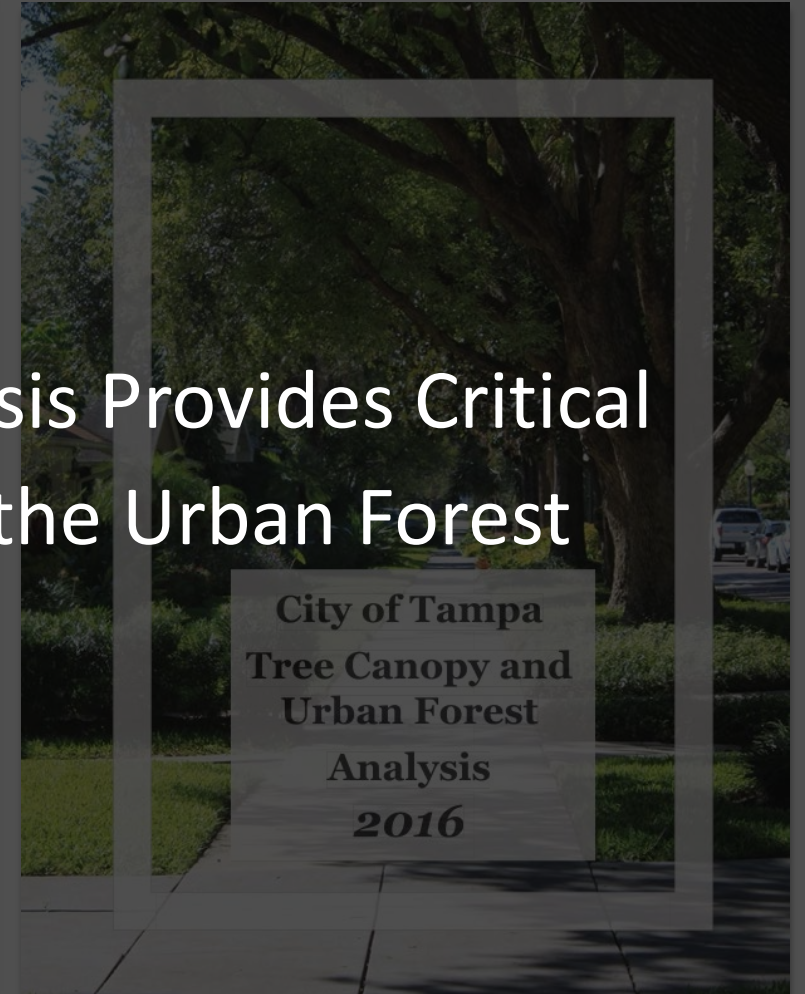
City of Tampa
Urban Ecological Analysis 2006-2007



City of Tampa 2011 Urban Forest Analysis
The Structure, Composition, Function and
Economic Benefits of Trees and the Urban Forest
September 2013



City of Tampa
Tree Canopy and
Urban Forest
Analysis
2016



Tampa's 5-year Cycle of Urban Forest Analysis Provides Critical
Information for Assessing the Impact of the Urban Forest
Management Program

Enhanced Monitoring



Urban Forest Management
Social Survey 2022

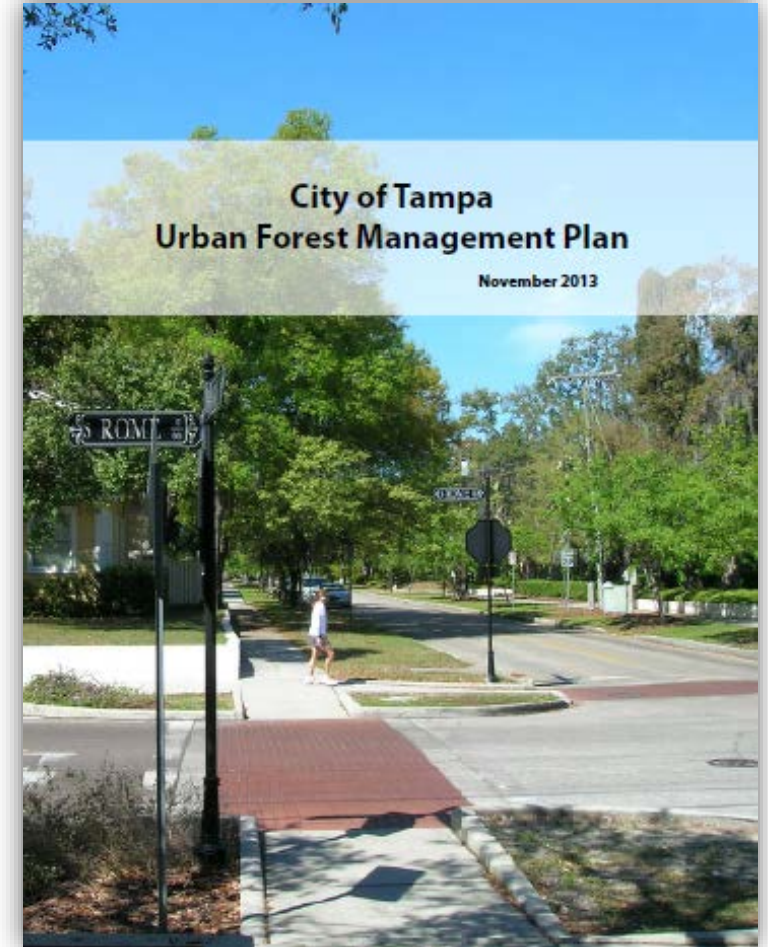


Robert Northrop
Extension Forester

A blurred image of a city skyline at dusk or dawn, with various skyscrapers visible against a blue and orange sky. The image is out of focus, creating a bokeh effect.

Tracking & Reporting

Tracking & Reporting Progress



Plan Progress – Education & Organization/Staff

Education

5 actions: 1 complete; 1 ongoing; 40% complete

Examples:

- Conduct annual Florida or National Arbor Day Programs to promote general awareness of the urban forest as a community resource.
- Prepare and maintain an interactive urban forest website for City of Tampa's residents.

Organization and Staff

9 actions: 7 complete; 0 ongoing 78% complete

Examples:

- Create an Advisory Committee on Natural Resources, consisting of a balanced representation of the City's economic, environmental and social interests.
- Assign the Natural Resources Section of the Planning Division with the responsibility and authority for oversight of the City's implementation of the management plan.

Plan Progress - Plan Implementation & Funding

Plan Implementation

13 actions: 8 complete; 5 ongoing; 92% complete

Examples:

- Prepare a draft of an Executive Order, for the Mayor's consideration, that directs all City of Tampa agencies to actively cooperate in the implementation of the UFMP.
- Prepare a draft resolution, for City Council consideration, that recognizes the UFMP as the strategic plan for the management of the urban forest in the City of Tampa.

Funding Alternatives

3 actions: 2 complete; 1 not begun 66% complete

Examples:

- Contract the 5-year urban forest inventory and analysis with state universities utilizing tree trust funds.
- Include the Forest Opportunity Spectrum Analysis as part of the 5-year urban forest inventory/analysis.

Plan Progress

Additional Actions

13 actions: 8 complete; 5 ongoing; 92% complete

Examples:

- All departments reference compliance with natural resource protection standards found in the City of Tampa Land Development Regulations on a project specific basis.
- Incorporate the criteria and key objectives of the UFMP into the City of Tampa Comprehensive Plan.
- Assure access to UF inventory/analysis report and maps by private citizens.



Overall Assessment of All Actions

Category	Complete	In Progress	Ongoing	Sub-Total	All Actions	% Complete or In Progress
Analysis	8	3	3	14	24	58.3%
Education	4	2	10	16	29	55.2%
Enforcement	2	0	3	5	5	100.0%
Organization	5	2	3	10	18	55.6%
Partnerships	0	0	3	3	13	23.1%
Plantings	0	0	2	2	4	50.0%
Policy	1	0	0	1	5	20.0%
Regulations	19	0	1	20	32	62.5%
Training	2	0	3	5	9	55.6%
Total	41	7	28	76	139	54.7%

- 76 actions are complete, in progress or ongoing (54.7% overall)
- The top three categories: Enforcement (100%), Regulations (62.5%) and Analyses (58.3%)
- The lowest categories: Policy (20%) and Partnerships (23.1%)

Next Steps

- Continue implementing alternative actions
- Update the Urban Forest Management Plan (2022)
- Complete the Ecological Analysis (2022)
- Create and ongoing Urban Forest Education Program to find ways to encourage wider participation by residents as stewards of the city's ecological assets (2022)
- Provide citizens the tools to make decisions within their portion of the urban forest

Q & A

Committee Discussion

Other City Planning Projects

- Citizen Survey



Help Shape the Future of Tampa's Tree Canopy!

Take the Survey Today.

Researchers at USF are studying what City of Tampa residents think about the trees in our urban forest. We are interested in your experiences with trees in your neighborhood and want to hear from you about the City's maintenance and future plans for trees.

Visit the study website or scan the QR code to take the survey!



If you would like to schedule an interview or for more information please contact:
Dr. Rebecca Zarger

Principal Investigator, USF
IRB Study #STUDY003570

813-974-0069
rzarger@usf.edu

Survey Web Page:
waterinstitute.usf.edu/tree-survey

To learn more about the City of Tampa's Natural Resources Program, please visit tampa.gov/Trees.



- Ecological Analysis



For More Information



Questions and comments on this presentation can be directed to the City of Tampa Planning Department:

Brian Knox
Natural Resources Coordinator
1400 North Boulevard

TampaPlanning@Tampagov.net

THANK YOU

Mayor Jane Castor
**Transforming Tampa's
Tomorrow**     

*This presentation contributes to Mayor Jane Castor's
Transforming Tampa's Tomorrow initiative.*