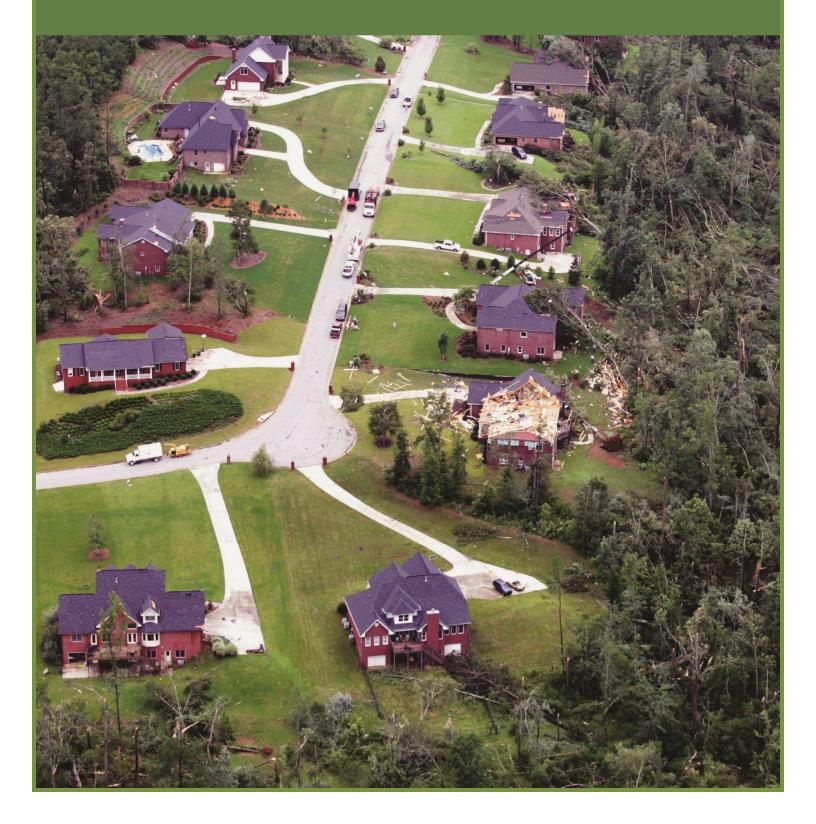
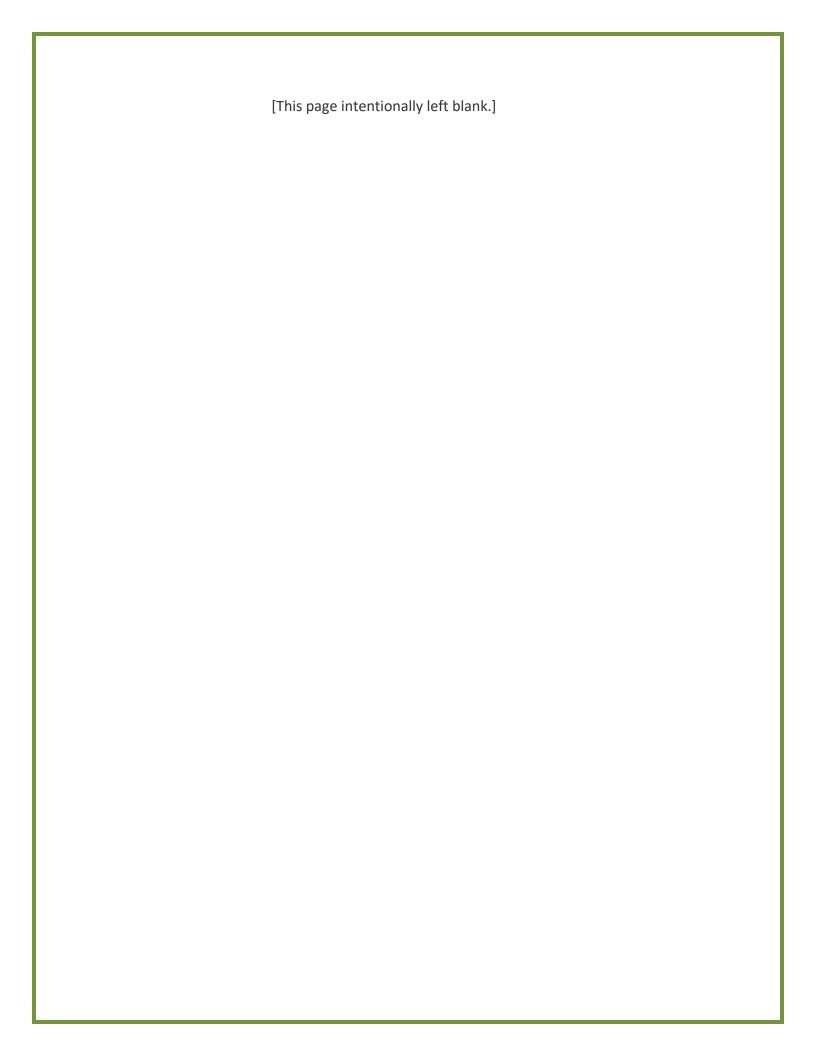


TEMPLATE Community Forest Storm Mitigation Plan for Georgia Communities March 2018





Georgia Forestry Commission

Community Forest Storm Mitigation Plan for Georgia Communities Template

March 2018

For more information on this Template, contact:

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Sustainable Community Forestry Program

Georgia Forestry Commission

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Funds for this project were provided by the Urban and Community Forestry Grant Program administered by the Georgia Forestry Commission.

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How to Use This Template

This template is intended as a tool for guiding a community through the development of a *Community Forest Storm Mitigation Plan* and as a basic plan framework. The *Community Forest Storm Mitigation Planning Workbook* provides that accompanies this template includes step-by-step instructions for completing the template. Both the workbook and template are available on the Georgia Forestry Commission's website at www.gatrees.org.

As you fill in the blanks, check off completed activities, and circle the appropriate selections within brackets, you will begin the assessment of your storm readiness and the development of your plan. You can address the gaps in information, activities and programs that become apparent as you go through the template and then begin to further develop your community forest management program with storm mitigation in mind.

After completing as much of the template as possible, you can either use it as is or use the Word document version of the template available on the GFC website to write a final *Community Forest Storm Mitigation Plan*. Your completed template or plan should be distributed to and implemented by the Storm mitigation team you've assembled during the process. As community forest and storm mitigation program elements are further developed and changes are made in programs and procedures, you can revise your plan to keep it up to date. An annual review is recommended.

For further information on how to use this Template, please contact the Georgia Forestry Commission Sustainable Community Forest Program Forester for your area. Visit www.gatrees.org for a listing of program personnel and for more information on trees and community forests.

NOTES:			
101L5.			
	-		
		·	

PART I. COMMUNITY SETTING

This Storm Mitigation Plan has been dev (community name).	veloped for
Date of adoption:	Date of last update:
Our community is located in the [Appala [Upper Coastal Plain] [Lower Coastal Plain]	chian Plateau] [Ridge and Valley] [Blue Ridge] [Piedmont] ain] of Georgia.
Our jurisdiction encompasses an area o public roadways.	ofsquare miles and has miles of
Our community has a population of	as of the last official census.
community that can affect trees include Earthquake	2:
☐ Flood	
☐ Hail	
Hurricane	
☐ Ice storm	
Pest infestation (list type)	
Salt intrusion	
Snow	

Community Forest Storm Mitigation Plan	PART I. COMMUNITY SETTING
☐ Tornado	
☐ Tropical storm	
Wildfire	
☐ Wind/microburst	
Other	
	
	
2. Snow and Ice Storms	
Snow and ice storms are most likely to occur during the	e months where freezing temperatures are
possible—including the following months in our area:	
1	
2	
3	
4	
5	
The largest snow amounts (single event snow totals) a	re most likely to occur during the following
months in our area:	
1	
2	
3	
4	
5	
,	
3. Rainfall and Flooding The months of the year in our area with the highest av	vorago procipitation are:
	rerage precipitation are.
1	
2	
3	

4.	
5.	
6.	
The di	riest months of the year (lowest average annual precipitation) in our area are:
1.	
2.	
3.	
4.	
5.	
6.	
1. 2. 3. 4. 5.	
	Our community participates in the <i>Firewise Communities Program</i> through the National Fire Protection Association.
	ther Significant Conditions
	significant geographic, climatological and meteorological conditions that predispose our
	unity to storms or catastrophic events include:
1	
2.	

Community Forest Storm Mitigation Plan PART I. COMMUNITY SETTING

4. Storm History and Records

The severe storms and catastrophic events that have occurred over the last 30 years in our community are listed below. This chart is also used to record storm events as they occur.

YEAR	DATE	TYPE OF EVENT/STORM	SEVERITY*	DAMAGE**

^{*}Severity of tornado, winds, or hurricane based on the Enhanced Fujita Scale or Saffir-Simpson Hurricane Scales; or low, medium, or high if not a tornado or hurricane

^{**}Include number of injuries and fatalities and property damage in dollars

C. COMMUNITY FOREST RESOURCE MANAGEMENT

1. Tree Care Manager
The primary tree care manager for the community is the:
Community [arborist] [forester]
Streets superintendent
☐ Traffic engineer
☐ Public works director
☐ City manager
County administrator
☐ Tree board [chairperson] [member]
Citizen volunteer
other
Name:
Title:
Phone Number:
E-mail Address:
Our tree care manager is an ISA Certified Arborist.
2. Tree City USA
Our community is designated a Tree City by the National Arbor Day Foundation.
Our community was first designated a Tree City USA in (year).
Our community has been designated a Tree City USA for year(s), since
As a Tree City, our community has:
a [public] [private] tree ordinance (included in the appendix)
total annual tree program expenditures of \$ in calendar year
a tree board with # of members (list included in the appendix)
an annual Arbor Day celebration and proclamation

Our last Arbor Day celebration was held on _____ 3. Management Plan We have a community forest management plan in place (included in the appendix) Our community forest management plan was first adopted on _____ (date). Our community forest management plan was last revised on _____ (date). The person responsible for administering and updating our community forest management plan is: **NOTES:**

PART I. COMMUNITY SETTING

Community Forest Storm Mitigation Plan

PART II. STORM PREPARATION

A. STORM MITIGATION TEAM

1. Emergency Management Personnel

Local Emergency Management Director

Name:		Radio #
Title:		
Department:		
Primary Phone Number:	_ Alternate Phone Number:	
E-Mail Address		
Georgia Emergency Management Agency (G	EMA) Field Coordinator	
Name:		
Primary Phone Number:	_ Alternate Phone Number:	
E-Mail Address		
Federal Emergency Management Agency (FE	MA) Region IV Regional Adm	<u>inistrator</u>
Name:		
Primary Phone Number:	_ Alternate Phone Number:	
E-Mail Address		

[City Manager/Designee] [County Administrator/Designee] Name: Radio # Primary Phone Number: Alternate Phone Number: E-Mail Address _____ **Public Information Officer** Name: _____ Radio #_____ Primary Phone Number: Alternate Phone Number: E-Mail Address [Public Safety Officer]/[Police Chief]/[County Sheriff] Name: _____ Radio #_____ Title: Primary Phone Number: Alternate Phone Number: E-Mail Address _____ [Fire Chief] Name: Radio # Primary Phone Number: _____ Alternate Phone Number: _____ E-Mail Address **Public Works Director** Name: ______ Radio #_____ Primary Phone Number: Alternate Phone Number: E-Mail Address _____

2. Government Staff

[Streets Superintendent]/[Traffic Engineer]		
Name:		_ Radio #
Primary Phone Number:	_ Alternate Phone Number: _	
E-Mail Address		
[Arborist]/[Forester]/[Tree Care Manager]		
Name:		_ Radio #
Department:		
Primary Phone Number:	_ Alternate Phone Number: _	
E-Mail Address		
Parks and Recreation Director		
Name:		_ Radio #
Primary Phone Number:	_ Alternate Phone Number: _	
E-Mail Address		
Planning Director		
Name:		_ Radio #
Primary Phone Number:	_ Alternate Phone Number: _	
E-Mail Address		
GIS Manager		
Name:		_ Radio #
Primary Phone Number:	_ Alternate Phone Number: _	
F-Mail Address		

Additional Government Staff		
Title:		
Name:		_ Radio #
Primary Phone Number:	_ Alternate Phone Number: _	
E-Mail Address		
Title:		
Name:		_ Radio #
Primary Phone Number:	_ Alternate Phone Number: _	
E-Mail Address		
Title:		
Name:		
Primary Phone Number:	_ Alternate Phone Number: _	
E-Mail Address		
Title:		
Name:		_ Radio #
Primary Phone Number:	_ Alternate Phone Number: _	
E-Mail Address		

3. Utility Companies and Departments

Electric Utility Name: _____ Title: Company/Department: ______ Primary Phone Number: _____ Alternate Phone Number: _____ E-Mail Address **Gas Utility** Title: Company/Department: _____ Primary Phone Number: Alternate Phone Number: E-Mail Address Telephone/Cable/Fiber Optic Utilities Name: Company/Department: Primary Phone Number: ______ Alternate Phone Number: _____ E-Mail Address Name: Title: Company/Department: Primary Phone Number: ______ Alternate Phone Number: _____ E-Mail Address _____

Name:	
Title:	
Company/Department:	
	Alternate Phone Number:
E-Mail Address	
Water and Sewer Utility	
Name:	
Title:	
Company/Department:	
Primary Phone Number:	Alternate Phone Number:
E-Mail Address	
Other Utility Companies	
Name:	
Title:	
Primary Phone Number:	Alternate Phone Number:
E-Mail Address	
Name:	
	Alternate Phone Number:

Georgia Forestry Commission Name: _____ Title: Primary Phone Number: _____ Alternate Phone Number: _____ E-Mail Address **Cooperative Extension Service** Name: ______ Primary Phone Number: _____ Alternate Phone Number: _____ E-Mail Address ______ **Other State Agencies** Name: Title: Primary Phone Number: ______ Alternate Phone Number: _____ E-Mail Address Title: _____ Primary Phone Number: ______ Alternate Phone Number: _____ E-Mail Address Primary Phone Number: ______ Alternate Phone Number: _____ E-Mail Address

Georgia Forestry Commission Community Forest Storm Mitigation Plan Template March 2018

4. State Agencies

Debris Removal Contractors Name: Company: _____ Primary Phone Number: _____ Alternate Phone Number: _____ E-Mail Address _____ Company: _____ Primary Phone Number: _____ Alternate Phone Number: _____ E-Mail Address Company: Primary Phone Number: _____ Alternate Phone Number: _____ E-Mail Address _____

5. Contractors

<u>Tree Service Contractors</u>	
Name:	
Title:	
Company:	
Primary Phone Number:	Alternate Phone Number:
E-Mail Address	
Title:	
Primary Phone Number:	Alternate Phone Number:
E-Mail Address	
	Alternate Phone Number:
E-Mail Address	

Community Forest Storm Mitigation Plan PART II. STORM PREPARATION **Landscape Contractors** Name: Title: _____ Company: _____ Primary Phone Number: _____ Alternate Phone Number: _____ E-Mail Address _____ Company: ____ Primary Phone Number: _____ Alternate Phone Number: _____ E-Mail Address Name: Company:

Primary Phone Number: _____ Alternate Phone Number: _____

E-Mail Address

6. Equipment and Materials Vendors **Equipment Rental Vendor** Name: _____ Company: _____ Primary Phone Number: ______ Alternate Phone Number: _____ E-Mail Address **Tree Nursery Vendors** Name: Title: Company: _____ Primary Phone Number: Alternate Phone Number: E-Mail Address Name: _____ Company: _____ Primary Phone Number: ______ Alternate Phone Number: _____ E-Mail Address Company:

Primary Phone Number: _____ Alternate Phone Number: _____

E-Mail Address

Tree Board Chairperson Name: _____ Address: Primary Phone Number: _____ Alternate Phone Number: _____ E-Mail Address **Local Agencies and Non-Profit Organizations** Name: ______ Organization: Primary Phone Number: _____ Alternate Phone Number: _____ E-Mail Address Title: Organization: Primary Phone Number: _____ Alternate Phone Number: _____ E-Mail Address _____ Title: _____ Organization: Primary Phone Number: Alternate Phone Number: E-Mail Address

7. Volunteer Organizations

8. Community Forest Management Program SponsorsReforestation Sponsors

Name:		
Title:		_
Organization/Company/Agency:		
Primary Phone Number:	Alternate Phone Number:	
E-Mail Address		
Name:		
		_
Primary Phone Number:	Alternate Phone Number:	
E-Mail Address		
	Alternate Phone Number:	
E-Mail Address		
Name:		
	Alternate Phone Number:	_
E-Mail Address		

9. Additional Team Members at Name:	
Primary Phone Number:	Alternate Phone Number:
E-Mail Address	
Title:	
Organization/Company/Agency:	
Primary Phone Number:	Alternate Phone Number:
E-Mail Address	
Title:	
Organization/Company/Agency:	
Primary Phone Number:	Alternate Phone Number:
E-Mail Address	
Name:	
Title:	
Organization/Company/Agency:	
Primary Phone Number:	Alternate Phone Number:
E-Mail Address	

B. COMMUNITY FOREST RESOURCE ASSESSMENTS

Our community has made the following assessments of the tree resource and has available the information indicated below for use in storm preparation, response, and mitigation. This information is available from the tree care manager.

 Tree Canopy Assessment We have completed a tree canopy assessment, and
% of our community is covered with tree canopy as of (year)
The method used for determining our tree canopy is described below:
Previous tree canopy assessments have been made.
% in (year)
% in (year)
% in (year)
A tree canopy goal of% has been set by the community.
 Public Tree Inventory An inventory of public trees was last completed in (year), and the community has the number of public trees shown below growing on:
O Street rights-of-way (# of trees)
O Public parks (# of trees)
O Public cemeteries (# of trees)
O Public school campuses (# of trees)
O Yards around public offices and facilities (# of trees)
We have (# of trees) street trees 24 inches DBH and greater

Our tree inventory information is available in an [Excel spreadsheet] [GIS shapefile][hardcopy format] and is available from the tree care manager
 Our inventory includes the location of all street trees determined using GPS and we have a GIS shapefile of our street trees
 Our public tree inventory is included as a layer on our community's geographic information system
☐ A map of the locations of street trees 24 inches DBH and greater is available from the tree care manager
 Tree Risk Assessment Our community has on file in the tree care manager's office a copy of the ANSI standards and best management practices for tree risk assessment.
Our community has a tree risk assessment program or plan.
Our community has a tree risk assessment plan.
A Level 1 tree risk assessment is conducted every years.
The date of the most recent Level 1 tree risk assessment is
A Level 2 tree risk assessment is conducted every years.
The date of the most recent Level 2 tree risk assessment is
4. Tree Benefits and Value We have information on the dollar value of the benefits that our tree canopy provides. The dollar value of the annual benefits provided by our community trees, based on our tree canopy assessment, is \$
The dollar values of the benefits our tree canopy provides include:
\$aesthetic and other benefits \$air quality benefitspounds of carbon dioxide benefits including sequestration and avoidance \$carbon dioxide benefits \$energy benefitsgallons of stormwater intercepted \$stormwater benefits
ystoriniwater benefits

We have information on the dollar value of the benefits that our street trees provide. The dollar value of the annual benefits provided by our public street trees, based on our tree inventory, is \$_____. The annual benefits per tree average \$. The dollar values of the benefits our street trees provide include: \$_____ aesthetic and other benefits \$_____ air quality benefits pounds of carbon dioxide benefits including sequestration and avoidance \$_____ carbon dioxide benefits \$_____ energy benefits gallons of stormwater intercepted \$_____ stormwater benefits 5. Community Forest Management Costs We have information on our annual community forest management costs. The total annual cost of managing our public [street] [park] [cemetery] [school] [facility] includes costs for: \$ Tree inventory \$ Tree risk assessment \$_____ Tree purchases \$____Tree planting(staff) \$_____ Tree planting (contract) \$ Mulching (labor) \$_____ Mulch materials \$_____ Pruning (staff) \$ Pruning (contract) \$_____ Supplemental support (cabling and bracing, contract) \$_____ Lightning protection system installation (contract) \$_____ Pest management \$_____ Irrigation (staff) \$_____ Inspection (staff) \$_____ Removal (staff) _____ Removal (contract) \$ ____ Equipment

Community Forest Storm Mitigation Plan PART II. STORM PREPARATION

\$_____ Supplies \$ Consulting services (community forest management, planning, tree risk assessment, inventory, inspections) \$_____ Infrastructure repairs due to trees \$_____ Leaf and limb pick-up \$_____ Liability/claims for damages \$ Administration (describe the administrative and overhead costs included) \$ Other costs (describe the administrative and overhead costs included) Our annual community forestry program expenditures total \$. . Street trees represent ______% of our total public tree population. The pro-rated cost of managing our street tree population is \$ (multiply total annual community forestry program expenditures by the percentage of the tree population represented by street trees). 6. Benefit to Cost Ratio of Community Forestry Management The total value of the benefits provided by our tree canopy is \$_____(A). The total value of the benefits provided by our street trees is \$______(B). The total cost of our annual community forest management program is \$_____ (C). The total cost of managing our street tree population is \$ (D). The total cost of our annual tree risk assessment program is \$ (E). For every \$1 our community spends on community forest management, we receive \$ back in benefits from our tree canopy (A divided by C).

Community Forest Storm Mitigation Plan PART II. STORM PREPARATION

-
For every \$1 our community spends on management of the street tree population, we receive \$ back in benefits from our public street trees. (B divided by D)
For every \$1 our community spends for tree risk assessment, we receive \$ back benefits from our public street trees (B divided by E).
C. STORM MITIGATION MAP
☐ A storm mitigation map has been developed and is included as part of our plan.
Copies of the storm mitigation plan are available in the office(s) of the:
Emergency Response Manager
O Tree Care Manager
O [Public Works Director]/[Traffic Engineer]
O Other
The storm mitigation map can also be accessed online at:
Our storm mitigation map includes the following information:
Critical Facilities
☐ Hospitals
Other critical health care facilities (list below)

Fire stations
☐ Police stations
Communications networks and facilities

Page 26

March 2018

Community Forest Storm Mitigation Plan PART II. STORM PREPARATION

The number of trees identified during our tree risk assessment that require mitigation total , including: _____that require risk reduction pruning _____ that require supplemental support _____that require lightning protection systems _____ that require pest management _____that require removal The number of trees scheduledto be pruned for risk mitigation each year is ______. The number of trees scheduled to be cabled for risk mitigation each year is . The number of trees scheduled for lightning protection system installation each year is The number of trees scheduled for pest management each year is . The number of trees scheduled to be removed for risk mitigation each year is . The number of trees scheduled to be planted to replace trees removed for risk mitigation each year is ______. 2. Long-term Tree Risk Mitigation The additional routine community forest management activities and program components that are in place in our community to further mitigate tree risk and storm damage on a long-term basis are: Tree care standards and best management practices ☐ Tree ordinance Ongoing training program for tree care personnel Established tree care budget Alternate program funding mechanisms Tree bank Routine street tree inspection program Routine large tree inspection program Routine pruning program Routine tree planting program

Community Forest Storm Mitigation Plan PART II. STORM PREPARATION

Routine tree mulching, irrigation, and soil aeration Recommended tree species list Species selection guidelines Site selection guidelines Minimum rooting area and soil volume requirements Growing space protection requirements Critical root zone protection requirements Public information and education program Program analysis and feedback

Community Forest Storm Mitigation Plan PART II. STORM PREPARATION

E. EQUIPMENTAND SERVICES

The available equipment for storm mitigation, response, and recovery is listed below along with the department or other source committed to supply the equipment (equipment rental vendor, contractor, or another government entity).

EQUIPMENT DESCRIPTION	NUMBER OF UNITS NEEDED/AVAILABLE	DEPARTMENT/SOURCE OF SUPPLY
Supervisor Vehicles	/	
Crew Vehicles	1	
Aerial Lift Trucks	1	
Loaders	1	
Chippers	1	
Refuse Packers	/	
Dump Trucks	1	
Barricades	1	
Traffic Safety Cones	1	
Lighting Equipment	1	
Chain Saws	1	
Hand Saws	1	
Pole Pruners	1	
Cell Phones	1	
Portable Radios	1	
Computers/Tablets	1	
GPS Units	1	
Cameras	1	

	NUMBER OF UNITS	
EQUIPMENT DESCRIPTION	NEEDED/AVAILABLE	DEPARTMENT/SOURCE OF SUPPLY
Clipboards	/	
Data Sheets	/	
DBH Tapes	/	
Safety Vests	/	
Hardhats	/	
Eye Protection	/	
Ear Protection	/	
First Aid Kits	/	
Other	/	
	/	
	/	

F. MEMORANDA OF UNDERSTANDING AND ADVANCED READINESS CONTRACTS

1. M	emoranda of Understanding Copies of existing MOUs are included in the template appendix.
execu	oranda of understanding (MOUs) for storm preparation, response and recovery have beer ted by the local government with the communities, agencies, organizations, groups and duals listed below.
Neigh	boring communities:
Local	agencies:
]

groups:		con-profit organizations: con-profit organizati		PART II. STORM PREPARATION
groups:	an-profit organizations:	con-profit organizations: con-profit organizati		
groups:	n-profit organizations:	on-profit organizations: con-profit organizatio		
groups:	n-profit organizations:	con-profit organizations:		
groups:	er individuals and groups:	ther individuals and groups:		
groups:	er individuals and groups:	cher individuals and groups:	on-profit organizations:	
groups:	er individuals and groups:	ther individuals and groups:		
groups:	er individuals and groups:	ther individuals and groups:		
groups:	er individuals and groups:	ther individuals and groups:		
groups:	er individuals and groups:	ther individuals and groups:		
			Other individuals and groups:	
	LJ			
		<u> </u>		
			<u> </u>	
	Advanced Readiness Contracts		Conjectof existing ARCs are included in the te	emplate appendix.
diness Contracts	Advanced Readiness Contracts Copies of existing ARCs are included in the template appendix.	Copies of existing ARCs are included in the template appendix.	copies of existing Aires are included in the te	
diness Contracts ing ARCs are included in the template appendix.	Copies of existing ARCs are included in the template appendix.	☐ Copies of existing ARCs are included in the template appendix. dvanced readiness contracts (ARCs) for storm preparation, response and recovery have been		paration, response and recovery have beer

Community Forest Storm Mitigation Plan	PART II. STORM PREPARATION
Equipment Rental Vendors	
П	
П	
П	
□	
□	
Debris Removal Contractors	
Mulch Grinding Contractors	
П	
Π	
Π	
Π	
П	
Tree Service Contractors	
П	
Π	
Π	
□	
L	

Communi	ty Forest Storm Mitigation Plan PART II. STORM PREPARATION
Trac Sumplic	
Tree Supplie	<u>ers</u>
Landscape C	<u>Contractors</u>
П	
AN 1. Commu	MMUNICATION, INFORMATION, EDUCATION ID AWARENESS unication have a designated call center established for notification of fallen and hazardous and tree damage.
	nd contact information for the call center is:
	ll Center:
	her·
	ber:
	ː
	Occ.
	ess:
Can Center L	Director/Contact:

Community Forest Storm Mitigation Plan PART II. STORM PREPARATION

2. Information and Education **Internal Information Sharing** During storm preparation, information will be shared internally by: ☐ Phone E-mail Cloud-based storage site Quarterly meetings Semi-annual meetings Annual meetings The person responsible for coordinating internal information sharing about community forest storm damage mitigation planning, preparation, response and recovery is: **External Information Sharing** Government website _____ Community forest management program website Facebook page _____ ☐ Twitter account Phone (see storm mitigation team contact list) E-mail (see storm mitigation team contact list) Cloud-based storage site _____ Meetings Quarterly O Semi-annual Annual

The person responsible for coordinating external information sharing and education about storm preparation, response and recovery is:

Community Forest Storm Mitigation Plan PART II. STORM PREPARATION **Information and Education Topics** The community has information readily available to disseminate to the public on storm preparation, response and recovery. The information available by topic and format is indicated in the chart below. ARTICLE/ WEBSITE/ **BROCHURE/** WRITTEN RECORDED **PRESS** SOCIAL PAMPHLET/ **TOPIC SCRIPT PSA** RELEASE **MEDIA** HANDOUT Benefits of trees Tree maintenance standards and **BMPs** When and how to hire an arborist Chainsaw safety Storm severity and damage magnitude Debris pick-up schedule and procedures Type of debris to be collected Expected clean-up time Post-storm hazards—hangers, leaning trees, downed power lines Caring for storm damaged trees Tree selection and planting BMPs The outlets that will be used for disseminating information on storm preparation, response and recovery include: Websites Social media Radio stations Television stations

Georgia Forestry Commission
Community Forest Storm Mitigation Plan Template

The person responsible for distributing written information, press releases and public service

Newspapers

March 2018

Public meetings

announcements to the public and the media is:

The person responsible for coordinating educational opportunities for the public is:				
<u> </u>	dissemination of storm preparation information during and emergency awareness programs.			
The dates of upcoming statewide and na days that will be the focus of information	ntional weather and emergency awareness weeks and no dissemination are listed below:			
Air Quality Awareness Week Fire Prevention Week Hurricane Preparedness Week Severe Weather Preparedness Week Tsunami Awareness Week Flood Awareness Week Heat Awareness Day Lightning Safety Awareness Week H. PREPARATION REC	CORD KEEPING			
The following records are maintained an cloud-based storage service as appropria	nd kept in the tree care manager's office and online in a ate.			
Storm mitigation team contact in	formation			
Storm mitigation team meeting a	nnouncements, agendas and minutes			
Community Forest Storm Mitigat	ion Plan			
Storm mitigation map				
☐ Memoranda of understanding				
Advance readiness contracts				
Data and cost information for:				
O Program administration (p	personnel and overhead)			
 Tree canopy assessments 				
 Tree risk assessments 				

 □ Tree inventory assessments □ Tree pruning □ Cabling and bracing □ Lightning protection □ Tree removal □ Other tree maintenance □ Date, amount and source of volunteer hours for program activities □ Public information scripts, public service announcements and press releases OTES:		
 Tree pruning Cabling and bracing Lightning protection Tree removal Other tree maintenance Date, amount and source of volunteer hours for program activities Public information scripts, public service announcements and press releases OTES:		
 Cabling and bracing Lightning protection Tree removal Other tree maintenance Date, amount and source of volunteer hours for program activities Public information scripts, public service announcements and press releases OTES:		
 □ Lightning protection □ Tree removal □ Other tree maintenance □ Date, amount and source of volunteer hours for program activities □ Public information scripts, public service announcements and press releases OTES:		
 ○ Tree removal ○ Other tree maintenance □ Date, amount and source of volunteer hours for program activities □ Public information scripts, public service announcements and press releases OTES:	0	Cabling and bracing
Other tree maintenance Date, amount and source of volunteer hours for program activities Public information scripts, public service announcements and press releases OTES:	0	Lightning protection
☐ Date, amount and source of volunteer hours for program activities ☐ Public information scripts, public service announcements and press releases OTES:	0	Tree removal
Public information scripts, public service announcements and press releases OTES:	0	Other tree maintenance
OTES:	Date,	amount and source of volunteer hours for program activities
	Public	information scripts, public service announcements and press releases
	IOTES:	

Community Forest Storm Mitigation Plan PART II. STORM PREPARATION

PART III. STORM RESPONSE

A. MOBILIZATION

Crews will be mobilized to clear fallen trees and woody debris from the highest priority areas	S
first, as identified on the storm mitigation map. These priority areas will include:	
Priority roads	
Priority facilities	
☐ Buildings, vehicles or other situations with a personal injury	
Buildings and vehicles without injured persons	
Utility repair	
Remaining rights-of-way, public buildings and public facilities	
The person responsible for mobilizing resources to respond to storm damage and dispatching crews to remove fallen trees and woody debris is:	g
 B. DEBRIS MANAGEMENT 1. Debris Staging and Storage One or more debris storage sites that will accommodate large volumes of woody debris 	
and logs have been established.	
Debris storage sites have been established in the following locations:	_
	_
	_
The person responsible for coordinating debris staging and storage is:	

	Estimation esponsible for debris estimation is:
c. TR	EE RISK AND DAMAGE ASSESSMENTS
	risk and damage assessments will be performed within 30 days of the storm event e or more of the following groups or individuals:
C	Government staff
C	Consultants
C	Trained volunteers
C	Urban Forest Strike Teams
The person re	esponsible for coordinating tree risk and damage assessment crews is:
Splitti	ers (detached limbs hanging in the crown; remove limb only) ing limbs (prune or remove) ing trunks (cable or remove) ng trunk with soil broken and heaved opposite the lean (remove) r conditions (list below)
be rei	ave a policy in place that trees that do not pose an imminent risk of failure will not moved until a tree damage assessment has been completed to avoid the removal ses that are still viable and valuable to the community.

Community Forest Storm Mitigation Plan	PART III. STORM RESPONSE
The person responsible for determining which standing	trees should be removed is:
D. INFORMATION	
The person responsible for providing information to the	e public during a storm event is:
E. RESPONSE RECORD KEEPIN	1G
During initial storm response, the following records will	be retained:
☐ Tree and debris removal call log	
Debris removal costs	
☐ Debris volume estimates	
☐ Number and location of trees removed	
☐ Number and location of tree pruned	
☐ Number and location of stumps removed	
☐ Hazardous tree, limb, and stump removal costs	(see section 5a, 5b, and 5c, below)
☐ Contractor invoices	
Staff hours by person	
Equipment hours by piece of equipment	
☐ Volunteer hours by person and activity; volunte	er contact information
☐ Tree damage assessment data and costs	
F. FEMA PUBLIC ASSISTANCE	GRANTS
FEMA Public Assistance Program and Policy Guide	
https://www.fema.gov/sites/default/files/2020-06/fem	na public-assistance-program-and-
policy-guide v4 6-1-2020.pdf	

1. Hazardous Trees Documentation Documentation retained for hazardous tree removal includes:
Documentation retained for nazardous tree removal includes.
Spreadsheet showing the number of trees removed and size and location of each tree
Location of hazardous trees removed including the street/road name and GPS coordinates of each tree removed along public rights-of-way, and the property address and GPS coordinates of each tree removed from private property
Photographs of trees cut flush with the ground along with a certification that the trees were 6 inches or larger in diameter
2. Hazardous Limbs Documentation
Documentation retained for hazardous limb removal includes:
Spreadsheet showing the location of the trees and number of limbs cut on each tree (information on number of hazardous limbs removed per tree is not necessary if removal was contracted for on a per-tree basis)
☐ Certification that the limbs were 2 inches or larger in diameter
Locations of hazardous limb removals including the street/road name and GPS coordinates of each tree with hazardous limbs removed along public rights-of-way, and the property address and GPS coordinates for trees with hazardous limbs removed on private property
Photographs showing the number of limbs cut
3. Hazardous Stumps Documentation Documentation retained for hazardous stump removal includes:
☐ Number of hazardous stumps removed, locations, and sizes
Quantity of fill material required to fill the remaining hole
Photographs of the stumps removed
The person responsible for documenting the hazardous trees, limbs and stumps removed is:

PART IV. STORM RECOVERY

A. POST-STORM MITIGATION ANALYSIS

Listed below are the activities that contributed most to the mitigation of tree-related damage during the most recent storm(s):

1.	
2.	
3.	
4.	
5.	
prepar	below are the greatest areas of need identified during the most recent storm(s) for ation and mitigation for future storms:
2.	
3.	·
4.	
5.	

B. SUMMARY OF TREE LOSSES

A summary of the number of public trees lost by species and DBH category will be completed after each storm event, using the chart on the following page.

The total number of public trees lost in the most recent storm by species and size category are:

	Number of Trees by DBH Category						
Species Common Name	< 6"	7-12"	13-18"	19-24"	25-30"	31-36"	>36"
TOTAL							
IOIAL							

of

C. **INVENTORY OF POTENTIAL PLANTING SITES**

Recommended Species Growing Space** Street Location Site Type*

*Street, Park, Cemetery, Facility, School, etc. **Mature tree size of large, medium, or small

Georgia Forestry Commission Community Forest Storm Mitigation Plan Template March 2018

Tree Planting Site Inventory Worksheet

Inventory Date

D. TREE SPECIES SELECTION
Our community has adopted an official list of trees recommended for planting in our area that is used as a guide for selecting trees for planting on public property.
In our area fast-growing and weak-wooded species to be avoided include:
☐ Bradford Pear
Red Mulberry
Siberian Elm
☐ Hackberry/Sugarberry
☐ Water Oak
E. TREE REPLACEMENT PLAN
To replace trees lost in each storm event, a public tree replacement plan will be developed that takes into account the number of tree losses, number of available planting sites inventoried, and available resources. We will adopt a goal of planting a specific number of trees per year an appropriate number of years.
☐ We have developed a written 3-year maintenance plan that includes mulching, watering, pest management, training pruning and inspection of all newly planted trees.
The person responsible for developing and coordinating the community's tree replacement plan is:
The person responsible for new tree maintenance is:

F. TREE REPLACEMENT PARTNERS

placement are:
☐ Tree care manager
Storm mitigation team members
ee replacement program partners include:

ONCOING THE DICK MITTICATION
ongoing tree risk mitigation
☐ We have an ongoing tree risk mitigation program that focuses on:
O Improvement of tree health
O Routine tree pruning
 Quality tree species, tree and site selection
 Routine tree maintenance including watering, mulching, pest management, and inspections
○ Tree protection

The person(s) responsible for soliciting financial, labor and material assistance for tree

Community Forest Storm Mitigation Plan	PART IV. STORM RECOVER I
The person responsible for coordinating ongoing tree ris	sk mitigation is:
H. INFORMATION AND EDUCA	TION
We have in place a program to identify the indiv that deserve recognition for their efforts in storr	, ,
The person responsible for coordinating the recognition	program for response and recover is:
During long-term response, our community forest in continue and will focus on the following topics:	formation and education program will
☐ Tree and tree canopy loss results	
☐ Tree planting programs and grants	
 Availability of assistance and materials, including mulch 	g volunteer labor, replacement trees,
☐ When and how to hire an ISA Certified Arborist	
Ongoing tree risk assessment	
☐ Tree health maintenance	
Crown restoration pruning	
Recommended species for planting	
☐ Tree planting techniques	
☐ Tree benefits	
Information and education programs that will be communicate with the public will include:	utilized during long-term recovery to
Recognition programs for responders	
Field demonstrations	
☐ Neighborhood workshops	
☐ Website content	
■ Newspaper articles	
Committee Committee	

Community Forest Storm Mitigation Flan	PART IV. STORM RECOVERT
Public service announcements	
I. RECOVERY RECORD KEEPI	NG
☐ Staff hours	
Equipment hours	
☐ Contractor invoices	
Donations by source with contact information	
☐ Volunteer hours	
Tree purchase data (nursery source, number pu	urchased by species and cultivar) and
Tree planting data (species, location, date) and	costs
☐ Tree survival data (annual results)	
The person(s) responsible for maintaining long-term re	ecovery records are:

Community Forest Storm Mitigation Plan	PART IV. STORM RECOVERY
NOTES:	

APPENDICES

Additional supplemental information and documents included as part of our Community Forest
Storm Mitigation Plan are located in the appendices that follow.
Appendix A
Appendix B
Appendix C
Appendix D
Appendix E
Appendix F
Appendix G
Appendix H
Appendix I
☐ Appendix J

COMMISSION

GaTrees.org