

This project is a partnership among Central Alabama Regional Planning and Development Commission (CARPDC), Alabama Emergency Management Agency (AEMA), Society of Municipal Arborists (SMA) and Alabama Association of Regional Commissions (AARC) with USDA Forest Service providing technical oversight on behalf of NUCFAC.

This project was recommended for funding by the National Urban and Community Forestry Advisor Council (NUCFAC) and was developed as a collaboration tool to engage UF professionals and EM on a regional level. Regional Planning agencies across the country are often a resource to bring these various professionals together to form collaborative strategies to find solutions for regional initiatives. They also often have on staff the professionals and resources capable of providing the technical expertise required to conduct the GIS application developed and discussed today. In addition, Regional Planning agencies are often involved in developing the required natural hazard mitigation plans for counties in their regions and with the subsequent required five year updates.

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Recognition for application development of the GIS tool (UTRI): Abi Dhakal – GIS Specialist with the Alabama Forestry Commission – formally with Central Alabama Regional Planning and Development Commission and Reggie Franklin – GIS specialist with Central Alabama Regional Planning and Development Commission. Dudley Hartel at Urban forestry South provided technical support.

### **Documents & Other Deliverables:**

#### **Vegetation Risk Management Plan Template - with Attachment**

<http://www.urbanforestrysouth.org/resources/library/ttresources/vegetation-risk-management-plan-template-with-attachment/view>

#### **VRMP Verification and Inspection Worksheet**

Excel spreadsheet template.

<http://www.urbanforestrysouth.org/resources/library/ttresources/vrmp-verification-and-expection-worksheet/view>

#### **UTRI Data Process and GIS Tool Description**

<http://www.urbanforestrysouth.org/resources/library/ttresources/utri-data-process-and-gis-tool-description/view>

#### **Collaboration Opportunities for Urban Forestry and Emergency Management (PowerPoint)**

<http://www.urbanforestrysouth.org/resources/presentations/Collaboration%20Opportunities%20UF%20and%20EM.pptx/view>

#### **Debris Management - Staging Areas (PowerPoint)**

<http://www.urbanforestrysouth.org/resources/presentations/Debris%20Management%20-%20Staging%20Areas.pptx/view>

#### **Vegetation Risk Management Template (PowerPoint)**

<http://www.urbanforestrysouth.org/resources/presentations/Vegetation%20Risk%20Management%20Template.pptx/view>

## **Archived Webinar Presentations:**

September 28th – (NCSU webinar)

### **Urban Tree Risk and Disasters: Assessment, Planning and Recovery**

This webinar will share collaborative strategies and tools to help you develop a Vegetative Risk Management Plan (VRMP). The goals of a VRMP are to reduce the impact of storms on the urban forest, lessen personal injuries and property damage and decrease emergency management cost. Learn how to use the Urban Tree Risk Index (UTRI), a GIS tool that models tree risk zones, prioritizes tree risk assessments, creates a worksheet for use in the field for verification of action necessary for mitigation, and assists decision makers in identifying debris staging areas.

<http://www.forestrywebinars.net/previous-webinars>

Look for Urban Tree Risk and Disasters: Assessment, Planning and Recovery at Sept 28; Click on “View”

December 6<sup>th</sup>

### **Urban Tree Risk & Disasters: Vegetative Risk Management Plan (VRMP) & Urban Tree Risk Index (UTRI).**

The introductory webinar to the Vegetative Risk Management Plan (VRMP) and the Urban Tree Risk Index (UTRI) GIS model. Following a very brief introduction to the Vegetation Risk Management Plan (VRMP) and the Urban Tree Risk Index, we will discuss the sources and basic preparation of data needed to produce the tree risk zone map with UTRI used for pre-storm mitigation and planning.

<http://www.urbanforestrysouth.org/resources/library/ttresources/urban-tree-risk-disasters-VRMP-UTRI-archived-webinar-1>

Download the ZIP file, and then “extract” the entire folder temporarily to your desktop (just highlight and drag it out of the ZIP dialog window). In this new folder on your desktop, double click on “replaymeeting.htm”

December 13<sup>th</sup>

### **Urban Tree Risk & Disasters: UTRI – Risk zones, assessments, and mitigation**

The second webinar discussing the Vegetative Risk Management Plan (VRMP) and the Urban Tree Risk Index (UTRI) GIS model. Picking up with the discussion from the December 6th webinar, we will demonstrate and discuss the GIS processes for each of the UTRI layers (vector to raster conversions, assigning relative ranks for each layer, and the map algebra step) leading to the final UTRI for each street segment. This webinar will also discuss field verification, ANSI A300 risk assessment levels used, and mitigation recommendations and prioritization.

<http://www.urbanforestrysouth.org/resources/library/ttresources/urban-tree-risk-disasters-VRMP-UTRI-archived-webinar-2>

Download the ZIP file, and then “extract” the entire folder temporarily to your desktop (just highlight and drag it out of the ZIP dialog window). In this new folder on your desktop, double click on “replaymeeting.htm”

January 9th

### **Urban Tree Risk & Disasters: Vegetative Risk Management Plan and Debris Management**

Picking up with the discussion from the December 6th & 13th webinars, we will discuss how to take the information produced in the first two webinars to create a Vegetation Risk Management Plan (VRMP) to compliment your county's Hazard Mitigation Plan. Will also discuss debris staging areas to include in your VRMP based on the UTRI.

<http://www.urbanforestrysouth.org/resources/library/ttresources/urban-tree-risk-disasters-VRMP-UTRI-archived-webinar-3>

Download the ZIP file, and then “extract” the entire folder temporarily to your desktop (just highlight and drag it out of the ZIP dialog window). In this new folder on your desktop, double click on “replaymeeting.htm”