Earth Data Analysis Center (EDAC), University of New Mexico

Cooperating Technical Partners (CTP)

FY16-PM-MAS008

Prepared for FEMA Region VI

Mapping Activity Statement 008

NMWRAP – NM Wildfire Risk Assessment Portal

September 2017

Contents

Figures

NMWRAP

The New Mexico Wildfire Risk Assessment Portal provides access to information that determines wildfire risk across the state of New Mexico. This application is an interactive web-mapping application that provides baseline information needed to support mitigation and prevention efforts across the state. This project will be completed in three phases. This initial phase of the project included acquisition and processing of the necessary wildfire risk datasets and construction of the interactive web-mapping application for public use. It is designed to support the community wildfire protection planning needs of government officials, hazard mitigation planners and wildland fire professionals, and inform the general public, see Figure 1.
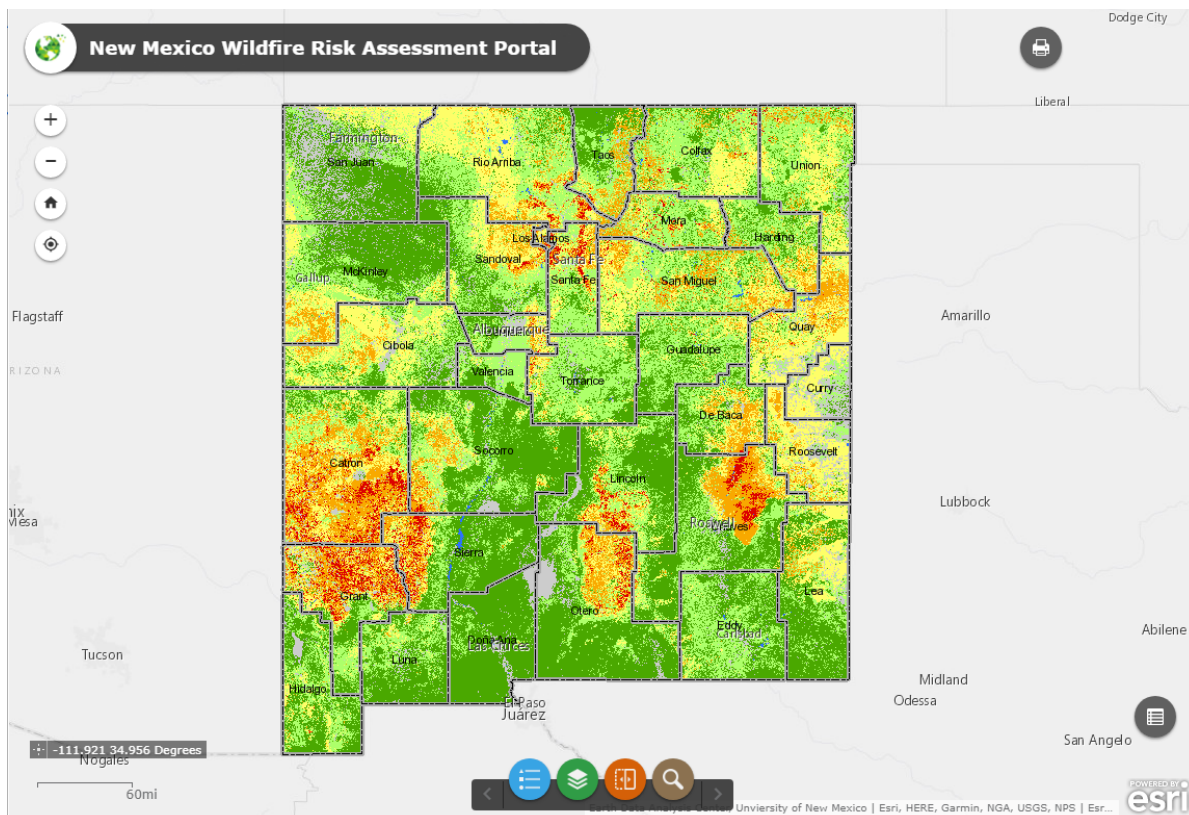

Figure 1 – NMWRAP Interactive Web-Mapping Application.

Phase I of NMWRAP follows the model of the TxWRAP program utilizing the same or similar New Mexico datasets. The initial web-mapping application is online at https://edac.unm.edu/projects/nmwrap/

NMWRAP Partnerships

EDAC has developed a partnership with the New Mexico Forest and Watershed Restoration Institute (NMFWRI), New Mexico Highlands University watershed team to develop NMWRAP functionality and identify data sources and functionality for Phase II. NMFWRI has developed a statewide GIS database of completed and planned watershed treatments, identifying state and federal forest and woodland projects for New Mexico. NMFWRI has collected the information from a wide variety of agencies including New Mexico State Forestry, USDA Forest Service, US Bureau of Land Management, the New Mexico State Land Office, Natural Resources Conservation Services (NRCS), New Mexico and Colorado tribal agencies and private individuals. NMFWRI's collaborations with citizen stakeholders, academic institutions, NGOs, and professional natural resources managers will facilitate EDAC's NMWRAP outreach activities.

References

TXWRAP, The Texas Wildfire Risk Assessment Portal (TxWRAP) is the primary mechanism for Texas A&M Forest Service (TFS) to deploy wildfire risk information and create awareness about wildfire issues across the state. https://www.texaswildfirerisk.com/