

IFTDSS

INTERAGENCY FUELS TREATMENT DECISION SUPPORT SYSTEM



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Welcome to IFTDSS

The Interagency Fuels Treatment Decision Support System

IFTDSS is a web-based software and data integration framework that organizes previously existing and newly developed fire and fuels software applications to make fuels treatment planning and analysis more efficient and effective.



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Current Status

IFTDSS version 2.0.1 Beta is available for use, testing and evaluation. IFTDSS is being developed under a new contract with IBM beginning April 2016. It is expected by 2017, the application will move from a Beta phase and will build upon the system integration efforts that started with the Joint Fire Science Program and Sonoma Technology Inc. Even though development will be ongoing, users will find many features (listed below) that will enhance their fuels planning and operation efforts right now.



Under Development

-  **Fuels Treatment Effectiveness Monitoring Integration**
-  **Enhanced Map, Interface, and Navigation**
-  **Improved Prescribed Burn Planning**
-  **Improved Risk Assessment Capabilities**

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Current Functionality:

Prescribed Burn Planning

Model fire behavior and fire effects and prepare and download a burn plan document using the 2014 Interagency Prescribed Fire Procedures Guide.

Hazard Analysis

Use Flammap and RANDIG to perform a condition assessment of fuel hazard and fire probability.

Risk Assessment

Use Flammap and RANDIG to develop a strategic level, first approximation of how fire probability and fire behavior potential influence risk to values.

Fire Effects Modeling:

Use FOFEM and CONSUME to model fuel consumption, emission production, tree mortality, and crown scorch.

WFM-RD&A

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Integrating
science, technology
and fire management.

Wildland Fire Management RD&A