

Workshop Proposal

Title: Introduction to the Interagency Fuels Treatment Decision Support System (IFTDSS)

Workshop Instructors:

Stacy A Drury, Sonoma Technology, Inc (STI), sdrury@sonomatech.com

Bio:

Stacy Drury has been active in applied research for the past 20 years. He has worked for research organizations including the Fire and Environmental Research Applications (FERA), Instituto de Silvicultura e Madera (ISIMA-Durango, Mx), and the Missoula Fire Lab. Stacy has experience investigating fuel consumption, smoke emissions, and fire occurrence throughout North America. Stacy is the Senior Fire Ecologist at Sonoma Technology, Inc. Stacy's projects include Senior Science lead on the Interagency Fuels Treatment Decision Support System (IFTDSS), PI on the NASA funded Fuels Treatment Assessment using Remote Sensing Project and Co-PI on the Real Time Assessment of Fire Weather Accuracy project.

Workshop Length: 8 hours

Workshop description: The web-based Interagency Fuels Treatment Decision Support System (IFTDSS) was designed to provide fire and fuels managers with a single software solution to manage the many data types, software applications, and tools available for fuels treatment planning. The IFTDSS project was initiated in 2007 by the Joint Fire Science Program (JFSP) and the NWCG Fuels Management Committee who saw a need for a user-friendly, web-based decision support system to address the proliferation of software tools and systems in the fire and fuels treatment domain. The JFSP in collaboration with Sonoma Technology Inc. developed IFTDSS, incorporating input and feedback from a set of field level fuels specialists. This workshop will provide an introduction to IFTDSS and will discuss the workflow scenarios that have been developed to address common goals and objectives in fuels treatment planning. Workshop participants will be introduced to the functionality currently implemented for prescribed burn planning, hazard analysis and risk assessment via live online demonstrations of the IFTDSS system and classroom exercises. Workshop participants are encouraged to bring their own laptop computers to get hands on experience using IFTDSS. Participants are encouraged to bring project ideas and project data from their home units to investigate the full potential of IFTDSS.

Workshop Goals and Objectives

This workshop will:

- 1) Introduce users to the current and future IFTDSS functionality;
- 2) Discuss the current tools, models, and modeling capabilities in the IFTDSS;
- 3) Provide a live demonstration by the IFTDSS development team of IFTDSS functionality;
and

- 4) Offer workshop participants the opportunity to put the IFTDSS through its paces on their own laptops.

The hands-on session will highlight the web-based flexibility of the IFTDSS. Participants will interact with the current features included in the IFTDSS and get first-hand experience with the system's modeling capabilities. They will also have the opportunity to ask questions in a computer-lab setting.

Participants should provide their own computers as computers will not be provided. The only software required to run IFTDSS is a standard web browser.

For more information about the IFTDSS, visit the frames website at http://frames.nbio.gov/jfsp/sts_study. For a broader view of the project, visit the JFSP site at <http://www.firescience.gov/Digest/FSdigest7.pdf> and download the December 2009 Fire Science Digest article *A Powerful New Planning Environment for Fuels Managers: The Interagency Fuels Treatment Decision Support System*. If you would like to access the IFTDSS web-based system prior to the workshop, contact Stacy Drury at sdrury@sonomatech.com.

Minimum number of Participants: 5

Maximum number of Participants: 50.

Special Facility Needs: Require LCD Projector, hard wired internet access, wireless internet

No additional Costs