

# Alaska Fire Portal

<http://frames.nbii.gov/alaska>

The logo for the Frames project, featuring the word "Frames" in a bold, yellow, sans-serif font. The text is overlaid on a graphic of three overlapping, upward-pointing triangles in shades of red and pink. The background of the slide is a landscape photograph showing a range of mountains under a hazy, overcast sky, with a small fire visible in the distance on the right side.

**Frames**

Diana Olson

FRAMES Project Manager

Alaska Fire Consortium Workshop, Oct. 16, 2009

# The FRAMES Alaska Fire Portal provides information about fire science and technology relevant to Alaska

The screenshot shows the Alaska Fire Portal website. The header includes the title "Geographic Areas Alaska Fire Portal" and logos for "Frames" and "nbt". A navigation bar contains links for "FRAMES Home", "Subject Areas", "Geographic Areas", and "Partner Sites". The main content area is divided into several sections:

- Welcome to the Alaska Fire Portal:** A introductory text block.
- Alaska Fire Consortium:** A section with a description and "Upcoming Events" including "Fire Science Technology Transfer" and "Interagency Fuel Treatment Decision Support System (IPT-DS) Webinar".
- Alaska Fire Effects Reference Database:** A section with a large graphic and a description of the database.
- Alaska Fire and Fuels Research Map:** A map of Alaska showing fire and fuels research areas.
- Geographic Portals:** A map of the United States with Alaska highlighted.
- Navigation and Search:** A sidebar on the left with "Browse Alaska Records" (All Records, Projects, Tools, Documents, Webpages, Data, Programs) and "Recommended External Links" (Alaska Interagency Coordination Center, Alaska Fire Service, National Fire Plan in Alaska, National Park Service, Alaska Region, US Fish and Wildlife Service, Alaska Regional Office). A search bar is located at the bottom left.

Through the **Alaska Fire Portal** you can access the following:

- Alaska Fire Consortium home page
- Alaska Fire Effects Reference Database
- Alaska Fire and Fuels Research Map

# FIREHOUSE Products

## Alaska Fire Effects Reference Database

## Alaska Fire and Fuels Research Map

**Alaska Fire Effects Reference Database**

The purpose of the Alaska Fire Effects Reference Database is to provide a comprehensive listing of fire research publications relevant to Alaska, and also to provide a venue for sharing unpublished agency reports and works in progress that are not normally found in the published literature. References noted as "DRAFT" should not be cited without consulting the author. Relevant papers, poster abstracts, web sites, progress reports, and proposals, are solicited. Please submit citations to Diana Olson, [dolson@fs.fed.us](mailto:dolson@fs.fed.us). The database is a cooperative effort of the Alaska Fire Effects Task Group, a subcommittee of the Alaska Wildfire Coordinating Group Fire Research Development and Applications Committee. Funding for the database has been provided by the Joint Fire Sciences Program.

Back to FIREHOUSE home page  
Search for author info  
Download Reference Manager files

**Search for references by:**

Author (E users: type first letter of last name, then browse to selection):  
(All authors) [dropdown]  
Year: [dropdown] And [dropdown] [dropdown] Search unpublished only [checkbox] [Search] [Reset form]

Keyword search string: (searches title, abstract and keywords)  
duff

- Hungerford, Roger D.; Frandsen, William H.; and Ryan, Kevin C. 1996. Heat transfer into the duff and organic soil. Final Project Report. FWS Agreement No. 14-48-0009-92-962. USDA Forest Service Intermountain Research Station, Intermountain Fire Sciences Lab. Missoula, Montana. 46 pp.
- Jandt, Randi R.; Allen, Jennifer L.; and Horschel, Ester A. 2005. Forest floor moisture content and fire danger indices in Alaska. BLM-Alaska Technical Report 54. U.S. Department of the Interior, Bureau of Land Management, Anchorage, Alaska.
- Johnson, Edward A. 1992. Fire and vegetation dynamics: studies from the North American boreal forest. Cambridge University Press. 129 pp.
- Kasischke, Eric S. Personal communication. Apr 3, 1997. Monitoring of deep duff moisture in Alaskan black spruce forests.
- Kasischke, Eric S.; and Johnstone, Jill F. 2005. Variation in postfire organic layer thickness in a black spruce forest complex in interior Alaska and its effects on soil temperature and moisture. Canadian Journal of Forest Research 35(9): 2164-2177.
- Lawson, Bruce D.; Dalrymple, George N.; and Hawkes, Brad C. 1997. Predicting forest floor moisture

**Full Citation**

**Ref Type:** Report

**Citation:** Jandt, Randi R.; Allen, Jennifer L.; and Horschel, Ester A. 2005. Forest floor moisture content and fire danger indices in Alaska. BLM-Alaska Technical Report 54. U.S. Department of the Interior, Bureau of Land Management, Anchorage, Alaska.

**Abstract:** This report summarizes activities from 2002-2004 undertaken by the U.S. Bureau of Land Management's Alaska Fire Service and cooperating agencies to better understand the influence of forest floor moisture content on fire behavior in interior Alaska boreal spruce forest. Forest floor moisture measurements were derived by removing individual layers and oven-drying them. Forest fuel treatments (thinning and pruning) for fire hazard reduction were associated with drier moss and

<http://depts.washington.edu/nwfire/refs/frames.php?tempname=fullref&refID=48>

**Maps of the Alaska Interagency Coordination Center - Microsoft Internet Explorer provided by USDA Forest Service**

Address: <http://maps.blm.gov/afrc/afrc7.htm#firehouse>

**Alaska Fire and Fuels Research Map (a FIREHOUSE project)**

Alaska Interagency Coordination Center  
Tool and Button Help | GIS Tutorial | Projection | Disclaimer | WMS Feeds | Close Window

Index Map | Legend | Select | Find Location | Layers | Select a theme | Create PDF Map

Scale: 1:7,427,875  
Quick View: [Select a location] Map Tool: [Zoom In]

Copyright © 2004 created by the Alaska Fire Service  
javascript:OpenTitle.asp[?http://depts.washington.edu/nwfire/project.php?projecID=48?]

**Map Layers** [Feedback](#)

- Fire Research Plots
  - Fire Research Plots
- Ecogeographic Regions
- Weather
  - 117 Weather Stations
- Grids
  - 1/4 inch to the Mile Grid
  - Quarter Million Quad Grid
- Current Fire Information
- Fire History
- Zones
- Airspace
- Utility/Cultural
- Transportation
- Hydrology
- Land Status
- Background

Automatically Refresh Map  
 Show Legends

[Show Layers Help](#)

# Fire Research and Management Exchange System (FRAMES)

<http://frames.nbii.gov>

## Goal:

Provide a systematic method of exchanging information and transferring technology between:

- researchers
- managers
- other stakeholders

## In order to make:

- projects
- tools
- documents
- websites
- data

easy to find, access, distribute, compare, and use

# FRAMES vs. MyFRAMES

FRAMES (public)



Serving Information

MyFRAMES  
(private log-in)



Exchanging Information

The screenshot shows the public FRAMES website. The header includes the logo and navigation tabs for 'FRAMES Home', 'Subject Areas', 'Geographic Areas', and 'Partner Sites'. A sidebar on the left lists 'Resource Resources' (Data, Documents, Projects, Tools, Webpages) and 'FRAMES Collaboration Services' (Communication, Information, Sharing). The main content area features a title 'The Fire Research And Management Exchange System (FRAMES) Technology in Support of Wildland Fire Research and Management' and a description of the system's goal. Below this are three sections: 'Subject Areas' with a photo of a fire, 'Geographic Areas' with a map of the U.S., and 'Partner Sites' with a group photo. A 'New Notices Recently Posted to FRAMES' table is visible at the bottom.

| Event   | Notice Type | Start Date | Deadline          |
|---|-------------|------------|-------------------|
| Job - Bioscience Professional Fellowship      | Job         | N/A        | July 31, 2009     |
| Job - PhD Fellowships                         | Job         | N/A        | December 31, 2009 |
| Job Opportunity - FRSP CD-42 Technical Editor | Job         | N/A        | December 31, 2009 |
| FRSP September 2008 highlights                | General     | N/A        | N/A               |

The screenshot shows the MyFRAMES private log-in interface. It features a 'Welcome to the Fire Research and Management Exchange System (FRAMES)' message and a 'WARNING TO USERS OF THIS SYSTEM' box. Below the warning is a login form with fields for 'Username:' and 'Password:', an 'Authentication Source:' dropdown menu (set to 'Plumtree User Database'), and a 'Remember my Password' checkbox. A 'Log In' button is at the bottom of the form. The footer includes navigation links and logos for partner organizations like the University of Idaho, USA.gov, and USGS.

# Public content on FRAMES is organized into three main areas:

- Subject Areas
- Geographic Areas
- Partner Sites

## Subject Areas:

**Subjects**  
FIRE HISTORY

**FIRE HISTORY**  
The study of how often fires have occurred in a given geographical area.  
(Health Evaluation Institute Fire Research and Management Exchange System)

**Partners**

| Partner            | Notice Type | Start Date        | Deadline         |
|--------------------|-------------|-------------------|------------------|
| National Fire Plan | General     | November 30, 2010 | December 1, 2010 |

## Geographic Areas:



## Partner Sites:

**Partner Sites**  
Ecological Monitoring Utilities

**NEW! The October Personnel Training is Full**  
Our most FFI training class is scheduled for Jan. 6-9, 2010 in Boise, ID. Registration will open in Nov. See the FFI Training Schedule page for more information. An updated version of the FFI User Guide has been posted on the FFI Software and Manuals page.

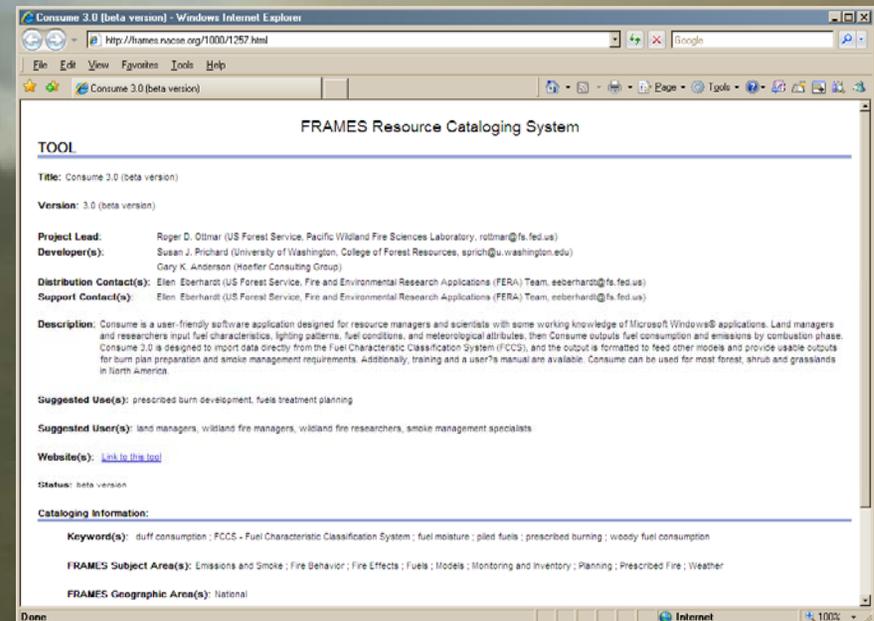
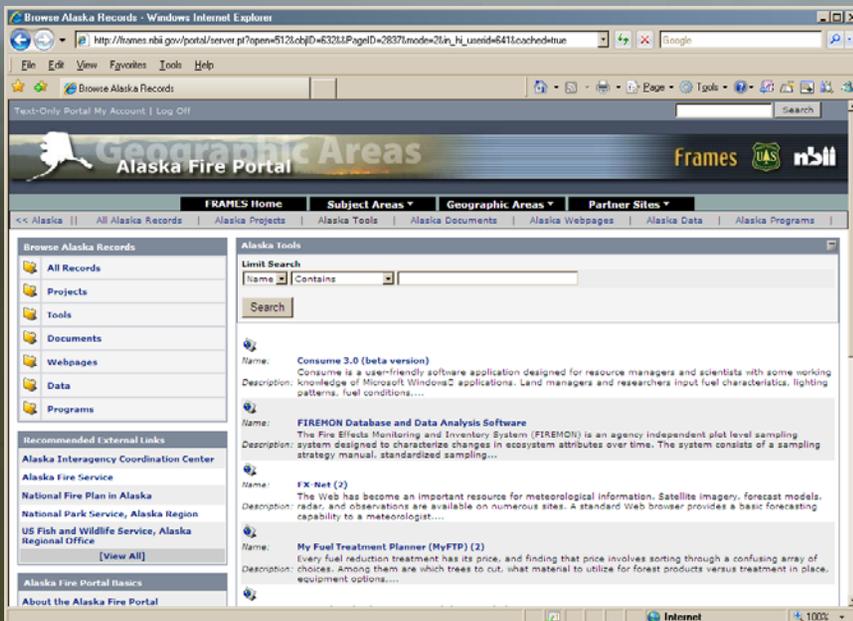
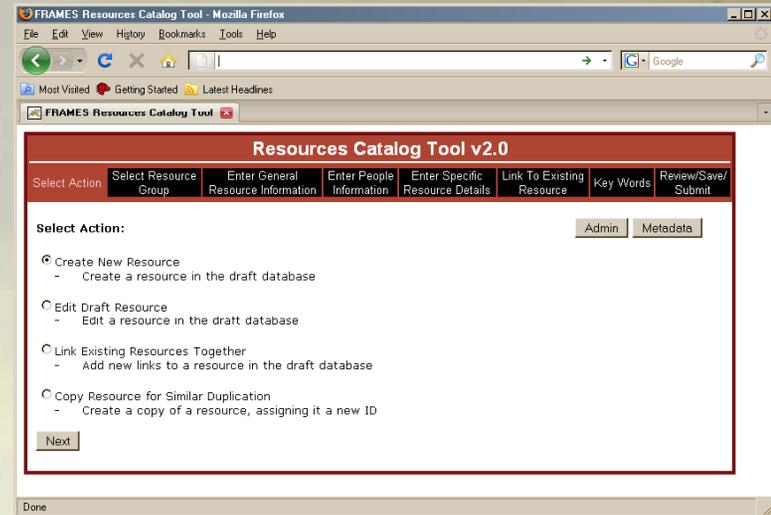
**FFI: Ecological Monitoring Utilities**  
Read the FFI User Guide  
FFI: Ecological Monitoring Utilities is a monitoring software tool designed to assist managers with collection, storage and analysis of ecological information. It was constructed through a complementary integration of the Fire Ecology Assessment Tool (FEAT) and FFI: Ecological Monitoring Utilities (EMU). FFI uses tools by the National Interagency Fire Center, Fire Ecology Assessment Tool (FEAT) and FFI: Ecological Monitoring Utilities (EMU) in cooperation with the National Fire Service U.S. Forest Service, System for Environmental Management and Spatial Systems.

**On-line Resources**  
User Guide - These will open in a new browser window  
FFI User Guide - Physical Storage User Guide - GIS User Guide  
Discussion Group - For FFI tips and technical support  
Helpdesk/FAQ/Manuals/Software

# FRAMES Resource Cataloging System

Systematic storage and access to fire research information:

- projects
- tools
- documents
- websites
- data

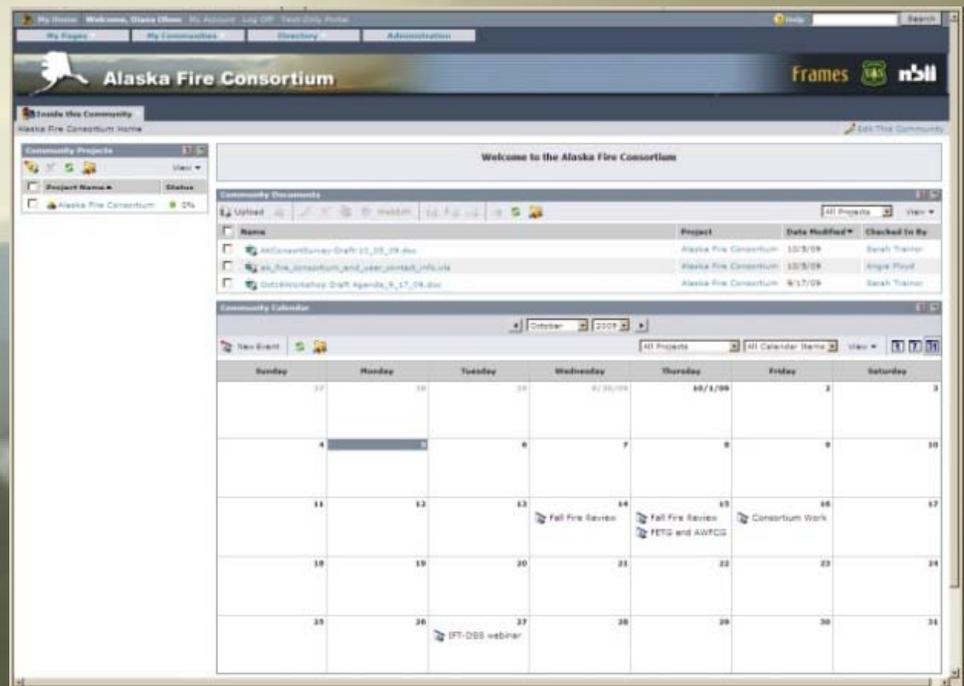


# FRAMES Online Collaboration

Users from any agency or organization can log on to MyFRAMES to access online project collaboration technology.

Collaboration services include:

- document sharing
- announcements
- calendars
- discussions
- tasks
- notifications and subscriptions



For more information, please visit:

<http://frames.nbii.gov/alaska>

Or contact:

Diana Olson  
dolson@uidaho.edu

Alaska Fire Portal Partners:

