



FIREHouse

The Northwest and Alaska Fire Research Clearinghouse

www.fs.fed.us/pnw/fera/firehouse

<http://www.fs.fed.us/pnw/fera>

Background

The Joint Fire Science Program (JFSP) and the National Fire Plan (NFP) provide millions of dollars each year to organizations to help reduce fire hazards across the United States. Technology and information transfer is an important aspect of JFSP and NFP scientific activities. Research projects and other activities convey their results in various formats such as publications, datasets, models, and tools. While the results are valuable, the information often resides across multiple systems in different organizations.

About FIREHouse

FIREHouse provides user-friendly, web-based information about wildland fire science and technology relevant to Washington, Oregon, Idaho and Alaska.

A goal of FIREHouse is to provide "one-stop shopping" for resource managers, decision makers, scientists, students, and communities who want access to the results of efforts to understand and manage fire and fuels on public lands in these regions. It is designed to assist fire programs by facilitating access to fire research and associated information.

Products

A website providing online access to:

- Project and tool descriptions, contact information and links
- Online publications
- Proposals and study plans
- Metadata

When possible, each project and management tool includes a section devoted to technology transfer and applications in resource management, as well as an educational component that uses common language and graphics to explain important findings. FIREHouse also offers server space, web and database support for researchers who choose to post their primary data on FIREHouse.

The Northwest and Alaska Fire Research Clearinghouse (FIREHouse) is a web-based project providing information about fire science and technology relevant to Washington, Oregon, Idaho and Alaska. Our goal is to provide "one-stop shopping" for resource managers, decision makers, scientists, students, and communities who want access to the results of efforts to understand and manage fire and fuels on public lands in these regions.

Shortcuts:

- Regional and national fire management tools
- Alaska Fire Effects Reference Database
- Alaska Fire and Fuels Research Map

Search for projects by:

Region:

Study type:

Subject:

Primary contact:

Keyword search string:

Postings: Order by: Title | Last update

- Alaska Fire and Fuels Research Map
- Alaska Fire Effects Reference Database
- Applying National Burn Severity Mapping Methodology to National Wildlife Refuge Lands in Alaska
- Automated Alaska Weather Station Quality Assurance/WIMS Input Program
- BehavePlus
- BIRDS AND BURNS NETWORK: Fire Effects on Populations and Habitats of Sensitive Species of Wildlife in Ponderosa Pine Forests of the Interior West
- BlueSky and BlueSkyRAINS: A Modeling Framework to Predict Cumulative Impacts of Smoke from Agriculture, Forest, and Range Fires
- Boreal ALFRESCO (Alaska Frame Based Ecosystem Code)
- Compiling, Synthesizing and Analyzing Existing Boreal Forest Fire History Data in Alaska
- Conference on Creating Fire-Resilient Landscapes

For More Information:

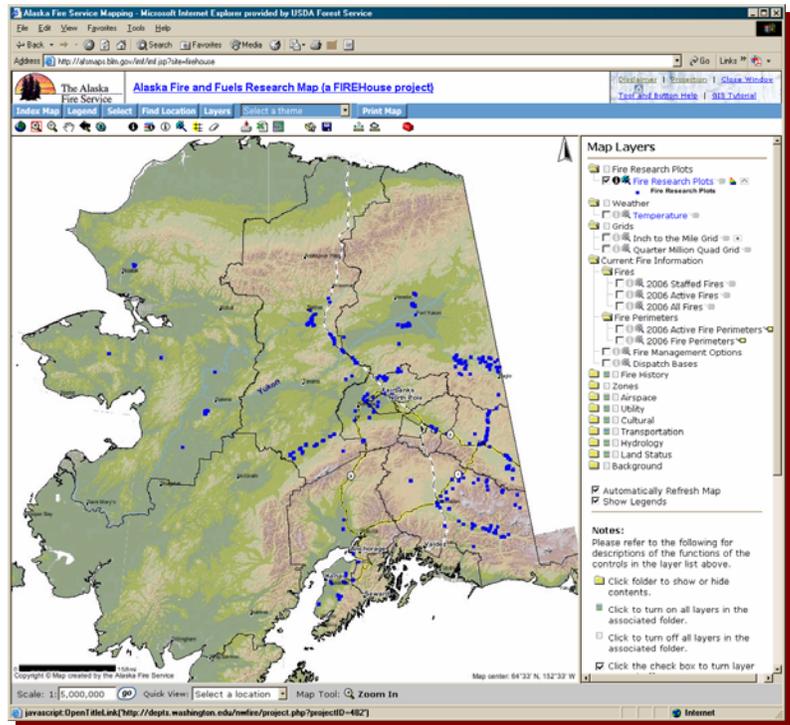
- Who we are
- FIREHouse fact sheet (pdf, 343 KB)
- Final Report to JFSP for Project No. 03-4-2-06 (pdf, 328 KB)
- FIREHouse proposal, 2003 (pdf, 146 KB)
- FIREHouse proposal, 2005 (pdf, 460 KB)
- JFSP Project Highlight, October 2004 (pdf, 137 KB)
- FMT "Websites on Fire" Feature, Spring 2006 (pdf, 875 KB)

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Please visit our [comments/suggestions page!](#)

The FIREHouse team has developed two additional products relevant to Alaska:

- **Alaska Fire and Fuels Research Map:** an interactive, online map displaying information about fire and fuels research plots in Alaska
- **Alaska Fire Effects Reference Database:** an online, searchable reference database providing access to published fire research literature, as well as unpublished agency reports

By institutionalizing prompt reporting of fire research in a standard format and making it publicly available on the web, FIREHouse enhances the value of scientific activities supported by the JFSP, the NFP and other funding sources. The information available through this project will help fire and fuels management programs meet their goals.



Technology Transfer

The website, fact sheets, and interim reports are available to anyone with access to the Internet. FIREHouse facilitates the rapid dissemination of results to resource managers, decision makers, and the general public. It is also assisting the JFSP in addressing its mission to meet information and technological support needs for wildland fuels management programs across agencies.

Partnerships

FIREHouse is a collaboration between the Fire and Environmental Research Applications Team (FERA) of the USDA Forest Service Pacific Northwest Research Station, Pacific Wildland Fire Sciences Laboratory; the University of Washington; the National Park Service; the Bureau of Land Management – Alaska Fire Service; the US Fish and Wildlife Service; and the National Biological Information

Infrastructure (NBII). Funding for FIREHouse has been provided by the JFSP and NBII. FIREHouse is coordinating efforts with the Fire Research and Management Exchange System (FRAMES) project team. Content on FIREHouse will provide substantial contributions to the FRAMES Northwest and Alaska Geo Portals.



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