



SOUTHERN FIRE PORTAL

contributors



Fire Research And Management Exchange System (FRAMES)
 - FRAMES is a systematic approach for cataloguing wildland fire data, documents, metadata, tools, and other information resources.
 - The goal of FRAMES is to make these content resources easy to find, access, distribute, compare, and use.



Encyclopedia of Southern Fire Science
 - A compilation of synthesized information developed by experts on hundred of fire science topics.
 - Delivers grounded information to field practitioners and the general public with viewer-navigated text, photos, graphics, plus a large bibliography and access to several fire science databases.



Tall Timbers Research Station (TTRS)
 - The E.V. Komarek Fire Ecology Database developed by Tall Timbers, provides access to over 18,000 bibliographic citations pertaining to fire ecology literature with emphasis on the southeastern United States.
 - Our Fire Ecology Thesaurus provides extensive indexing for our E.V. Komarek Fire Ecology Database with over 1000 keywords including fire terms, ecological terms, geographic and physiographic designations, habitat types, management types, and scientific names of plants and animals.



NBII Southern Appalachian Information Node (NBII-SAIN)
 - Providing metadata creation services for regional spatial and tabular data sets using the Federal Geographic Data Committee's Biological Data Profile
 - Collaborating with the Tall Timbers Research Station to incorporate fire ecology keywords into the existing NBII Biocomplexity Thesaurus



United States Geological Survey
 - Providing metadata creation services for regional spatial and tabular data sets using the Federal Geographic Data Committee's Biological Data Profile
 - Facilitating coordination among partners with respect to funding, contracts, and communication



Southern Regional Extension Forestry Office
 - Promoting and advancing the Southern Fire Portal and the many features that it offers.
 - Expanding the Encyclopedia of Southern Fire Science.



The Nature Conservancy
 - Identifying and inputting metadata about Joint Fire Science Program and National Fire Plan projects, and the resources created under each project into the Southern Fire Portal Database of FRAMES
 - Adding key regional metadata about non-JFSP/NFP projects in



U.S. Forest Service
 - Providing access to the Encyclopedia of Southern Fire Science.
 - Providing access to the related content of the Forest Encyclopedia Network

The screenshots show the Southern Fire Portal website. The top navigation bar includes 'Southern Home', 'About the SFP', 'Partners & Sponsors', 'Fire Encyclopedia', and 'Search SFP Resources'. The main content area features a 'Welcome to the Southern Fire Portal' message, a 'New Content' section with links to search and browse resources, and a 'Southern Region Content' section listing various scientific studies and reports. A sidebar on the right contains 'Geographic Portals' with a map of the Southern United States and 'Browse Southern Fire Resource Metadata' with categories like Data, Documents, Projects, Tools, and Webpages.

frames.nbio.gov/southernfire

site content

The image shows a stack of document thumbnails. The top document is titled 'Aircraft Information Management System (AIMS) version 2.6'. Below it is 'Carbon fractions from a long-unburned longleaf pine forest floor at Smith Lake, Ordway-Swisler Preserve, Florida'. Other visible titles include 'Ecological and Economic Consequences of the 1998 Florida Wildfires -- Final Report', 'Characterizing Moisture Regimes For Assessing Fuel Availability In North Carolina Vegetation Communities - (Project)', and 'Encyclopedia of Southern Fire Science (ESFS)'. The thumbnails also show metadata fields like 'Date Published', 'Author', and 'Webpage URL'.

Objectives

The Southern Fire Portal (SFP), is the gateway for information and technology transfer between the fire management and research communities, and their publics. It will improve communication and collaboration between scientists and natural resource managers. The SFP will achieve this goal by compiling and synthesizing vast, scattered, and difficult-to-locate fire-related information. Those resources will then be provided efficiently and with free access on the SFP website:

HYPERLINK "<http://frames.nbio.gov/southernfire>"

Portal users can obtain, compare, and evaluate tools and information for wildland fire and fuels management. Users will be encouraged to give input on the performance and value of tools and information supplied through the portal.

The SFP focuses on the 13 southern states that are part of the Southern Area Coordination Center (SACC) which manages wildland fire and other incident management activities in collaboration with the 10 other coordination centers in the United States. The SFP supports SACC by providing access to consolidated and organized fire research deliverables and other services necessary for effective fire and fuels management within this region.

overview

Current Content

The SFP unifies several sources of fire information including:
 -Fire Research and Management Exchange System (FRAMES)
 -Encyclopedia of Southern Fire Science (ESFS)
 -Tall Timbers Research Station's E.V. Komarek Fire Ecology Database
 -Content from Joint Fire Science Program (JFSP) and National Fire Plan (NFP) projects being identified and entered into the SFP by The Nature Conservancy Data and information in the U.S. Geological Survey's National Biological Information Infrastructure (NBII)
 -Key products and tools from state agencies, universities, and non-governmental organizations in the southern region

The SFP provides single point access to fire related publications, datasets, databases, decision-support tools, models, and state-of-the-knowledge literature syntheses in support of fire and natural resource management for the southern United States. An advanced search engine and fire thesaurus enables users to quickly find the information they need.

Future Goals

The SFP seeks to be an up-to-date, comprehensive venture to identify, acquire, analyze, synthesize, package, and deliver wildland fire data, information, tools, and technologies. Portal managers will periodically revise the SFP fire science syntheses and bibliographic databases to reflect the latest scientific findings. The SFP thesaurus will continuously increase and refine its compilations of keywords. The SFP will incorporate new metadata from JFSP and NFP projects as they become available. In sum, SFP will actively monitor the development of fire resources on all fronts and make all relevant new information available on its website.

If you are aware of fire-related content that should be included in the Southern Fire Portal please contact:

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