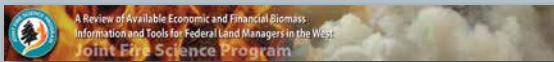


Interagency Fuels Treatment Decision Support System (IFTDSS) - web-based software and data integration framework that organizes fire and fuels software applications to make fuels treatment planning and analysis more efficient. FRAMES hosts project planning and accomplishment documents from the 2007 JFSP Software Tools and Systems study. www.frames.gov/iftdss



JFSP Biomass Review - identifies past, present, and future climate drivers of regional fire and fuel dynamics in the Northern Rockies. Funders include JFSP, RMRS, and UI. www.frames.gov/partner-sites/nrcf/home/



Northern Rockies Climate and Fire (NRCF) - identifies past, present, and future climate drivers of regional fire and fuel dynamics in the Northern Rockies. Funding provided by JFSP, RMRS, and UI. www.frames.gov/partner-sites/nrcf/home/



SERDP Biomass Emission Factor Database - contains emissions information from over 300 prescribed burns of different wildland vegetation types, including grasslands, shrub lands, woodlands, forests, and tundra. Partners include the USFS Pacific Southwest Research Station, University of MT, USFS Missoula Fire Lab, University of CA-Riverside, and PNW National Laboratory. www.frames.gov/serdp-befd



Southern Rockies Fire Science Network (SRFSN) - collaboration of science practitioners and communities of wildfire science users in intermountain Colorado, central and southern WY, central and eastern UT, and the Black Hills area of SD and northwestern NB. Sponsored by JFSP. www.frames.gov/partner-sites/srfsn/home/



WFMRA-FFE - WFMRA Fuels and Fire Ecology (formerly NIFTT) is sponsored by the USFS Office of Fire & Aviation Management with additional funding provided by the National Interagency Fuels Management Committee and LANDFIRE. Partners and collaborators include UI, FRAMES, The Nature Conservancy, and the Fire Modeling Institute. www.frames.gov/wfmrda-ffe

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Do you need web services such as database hosting, database integration, custom web interfaces, custom web design, or web collaboration services?



For further information, visit www.frames.gov or email contact@frames.gov



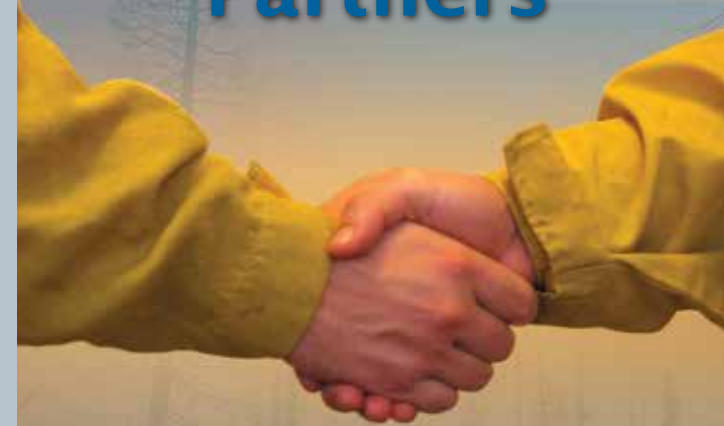
Fire Research And Management
Exchange System

Program Manager: Lynn Wells lynnwt@uidaho.edu

Project Manager: Diana Olson dlolson@uidaho.edu

Updated: May 2014

FRAMES Partners



Website hosting and services
for wildland fire researchers
and managers

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Fire Research And Management
Exchange System

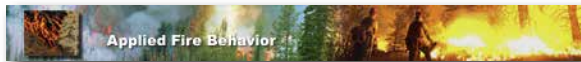
University of Idaho
College of Natural Resources

Photos by: Karen Wattenmaker

Partner Sites Hosted by FRAMES



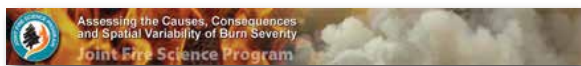
Alaska Fire Science Consortium (AFSC) - a JFSP regional consortium formed to promote communication between managers and scientists and provide a science delivery platform.
www.frames.gov/afsc



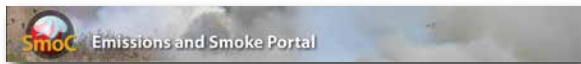
Applied Fire Behavior - publications related to wildland fire behavior and fire danger rating authored or co-authored by Dr. Martin E. Alexander, with specific emphasis on publications related to the Canadian Forest Fire Danger Rating System (CFFDRS), Crown Fire Initiation and Spread (CFIS) System, and the International Crown Fire Modeling Experiment (ICFME).
www.frames.gov/applied_fire_behavior



ArcBurn - integrates cultural resources information into fire management decision processes and requires a collaborative approach among fire scientists, forest ecologists, archaeologists, and fire managers to ensure that the best science is effectively and appropriately used to guide management plans and that plans are defensible and reasonable under dynamic environmental conditions. One objective of the project is to quantify the direct effects of heat treatment (e.g. wildfires) and the indirect effects of wildfires (e.g. erosion) on prehistoric cultural resources.
www.frames.gov/arcburn



Assessing Burn Severity (ABS) - investigates the spatial variability in fire effects and explores relationships between burn severity and fuels, fire behavior, local weather, and topography.
www.frames.gov/burnseverity



Emissions & Smoke Portal - the result of collaborative efforts between the NWCG Smoke Committee (SmoC), UI, and FRAMES, it provides access to information about smoke and emissions from wildland fire, including the online Smoke Management and Air Quality for Land Managers online tutorial. The site is divided into three areas: Educational Resources, Smoke Management Guide, and Perceptions. Offerings include online learning modules, an air quality library, a smoke perceptions section, recorded presentations and videos, and the Smokepedia online glossary.
www.frames.gov/smoke



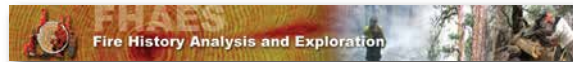
Extreme Fires Portal - a result of the collaborative efforts of UI, Washington State University, USFS, Michigan Technological University, and FRAMES. It's a source of information about the ongoing NASA-funded research project, "Quantifying the characteristics & investigating the biogeoscientific and societal impacts of extreme wildland fires in the U.S. and northern Rockies region."
www.frames.gov/extremefires



FFI (FEAT/FIREMON Integrated) - a plot-level monitoring software tool designed to assist managers with collection, storage, and analysis of ecological information, it was constructed through integration of the Fire Ecology Assessment Tool (FEAT) and FIREMON. FFI is funded by the Fuels Management Committee, NPS, and USFS, and is being developed in cooperation with Systems for Environmental Management and Axiom IT Solutions.
www.frames.gov/ffi



Fire and Fire Surrogates (FFS) - a national JFSP study to assess the effects of fire and fire surrogate fuel treatments, specifically quantifying the costs and ecological consequences of alternative fire and fire surrogate restorative treatments in forest types and conditions across the U.S.
www.frames.gov/ffs



Fire History Analysis and Exploration System (FHAES) - the result of an effort to redevelop and enhance components of the FH2 computer program, originally a DOS-based program considered to be the standard for fire history analysis. FHAES is a web-based design, user-friendly, and easily accessible to a broad range of users. While the FHAES website is hosted by FRAMES, it is managed by Elaine Kennedy Sutherland (RMRS), M. Elena Velásquez (Boise State University) and Peter Brewer (Laboratory of Tree-Ring Research, University of Arizona).
www.frames.gov/fhaes



Fire Effects Monitoring and Inventory Protocol (FIREMON) - an agency independent plot level sampling system designed to characterize changes in ecosystem attributes over time. It consists of a sampling strategy manual, standardized sampling methods, field forms, Access database, and a data analysis program. FIREMON has been integrated with the NPS Fire Ecology Assessment Tool into a new monitoring tool called FFI. The system was developed by the USFS Missoula Fire Sciences Laboratory in cooperation with the USGS, NPS, and Systems for Environmental Management. JFSP funded.
www.frames.gov/firemon



FIRESEV - provides fire managers in the western U.S. with critical information about the potential ecological effects of wildland fire at multiple levels of thematic, spatial, and temporal detail. Includes a map depicting the potential for fires to burn with high severity if they should occur. Developed as a 30m-resolution raster dataset, it is intended as an online resource that managers can download and use to evaluate the potential ecological effects associated with new and potential fire events.
www.frames.gov/firesev



FIRETEC - a physics-based, 3-D computer code designed to simulate the constantly changing, interactive relationship between fire and its environment by representing the coupled interaction of fire, fuels, atmosphere, and topography on a landscape scale. Part of a collaboration between Los Alamos National Laboratory (LANL) RMRS, eight domestic universities, and multiple research institutions in France.
www.frames.gov/firetec



Fire Videos and Webinars Archive - FRAMES is cataloging and archiving videos, webinars, and other presentations hosted by various partners, including the Wildland Fire Science Partnership, WFMEDA-FFE, Wildland Fire LLC, JFSP and its regional consortia, and IAWF.
www.frames.gov/videos-webinars-archive



Fire Regime Condition Class (FRCC) - an interagency, standardized tool for determining the degree of departure from reference condition vegetation, fuels, and disturbance regimes.
www.frcc.gov



Human Dimensions and Fire Social Sciences (HDFSS) - teams of scientists and fire managers synthesizing the best available social science and applying it to fire management.
www.frames.gov/hdfss



IFIRE: Idaho Fire Institute of Research and Education - this facility in the UI College of Natural Resources pursues research related to fire ecology, combustion dynamics, smoke emissions, and scaling of remote sensing observations. Primarily used for undergraduate students in fire behavior, along with fire ecology and fire behavior demonstrations.
www.frames.gov/ifire