

FIRE EFFECTS INFORMATION SYSTEM: LITERATURE REVIEWS AND CITATIONS AT YOUR FINGERTIPS

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ABSTRACT

The Fire Effects Information System (FEIS) is a computerized encyclopedia that summarizes the general ecology and effects of fire on more than 1,000 plant and animal species and plant communities. These "summaries" synthesize current information in an easy-to-use format and identify topics on which information is not currently available. Managers use FEIS summaries for planning fire management activities, silvicultural and range improvement activities, and ecosystem restoration. Researchers and educators use FEIS summaries to survey information on particular species. FEIS also contains a complete bibliography for all species and plant community summaries. FEIS is available on the Forest Service's Home Page on the Internet under "Products and Information Systems."

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FIRE ECOLOGY ON THE WORLDWIDE WEB

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ABSTRACT

Fire Ecology, as a science and as a tool for ecosystem management, has often been portrayed dramatically in newspaper and television reports. At times, though, the drama overwhelms the complex messages offered by scientists and managers. The ongoing evolution of multimedia computer networks may allow fire managers to speak directly to the public, with equal drama and greater scientific depth than is often conveyed in the traditional mass media.

A demonstration of fire ecology and fire management information being published on the Worldwide Web will include the Oregon State Forestry Department's Home Page. Also featured will be a step-by-step demonstration for creating a Worldwide Web Home Page, currently under development at Grand Teton National Park.

The initial topic proposed for the Teton Fire Page will focus on "Aspen, Elk, and Fire." Photographs from old western films will be compared to the same site today, demonstrating the result of heavy elk browse and fire suppression. From this introduction, links will take the browser to photographs and discussions of long-term aspen research plots. Other topics that may be added include fire ecology research on "Waterfalls Canyon, 20 Years After the First Prescribed Natural Fire," and "One Year after a Wildfire: the Row Fire Regenerates New Aspen Groves."

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