

Fire Effects Literature Reviews for Managers

Wildland management decisions require a basis in scientific findings, but the process of identifying, locating, reading, and synthesizing the scientific literature is difficult and time-consuming. Literature reviews help managers meet this need. This CD contains the two most extensive sources of literature reviews in the U.S. on fire effects:

1. The "Rainbow Series", a set of General Technical Reports entitled "Wildland Fire in Ecosystems", RMRS-GTR-42:

[vol. 1. Effects of Fire on Fauna](#)

[vol. 2. Effects of Fire on Flora](#)

[vol. 4. Effects of Fire on Soil and Water](#)

[vol. 5. Effects of Fire on Air](#)

vol. 6. Fire and Nonnative Invasive Plants

Another volume, vol. 3, "Effects of Fire on **Cultural Resources and Archaeology**," is in preparation and will be included when it goes to press.

2. The Fire Effects Information System (FEIS, online at www.fs.fed.us/database/feis), an online collection of literature reviews covering more than 1,100 species of plants and animals in North America-- their basic biology, ecology, and relationship to fire.

This CD also contains training materials for introducing managers to both the Rainbow Series and FEIS. You can give workshop participants a quick overview of both "Rainbow" and FEIS in about 20 minutes. It is best to allow 45 minutes to 1 hour, so participants can go through the FEIS tutorial, also called the "Scavenger Hunt," before putting the information away.

To use this CD in a presentation:

1. Decide how to make the Rainbow series available. All volumes currently available are on this CD. Options for making the series available to participants include

make a copy of this CD-ROM for every participant

make copies of this CD-ROM only for participants who request one

don't offer copies or a CD at all-- leave it up to participants to obtain the reports if they want, but have samples onsite so they can look

2. Make a copy of [FEIS_rainbow_handout.doc](#) from this CD for each participant. It contains the FEIS Scavenger Hunt, which you'll use in class.

3. Go through the [PowerPoint file](#) on this CD. It contains slides, notes, and a few cues for the presenter. **DON'T THINK YOU HAVE TO USE THE SCRIPT-- OR PRESENTATION-- STRICTLY AS WRITTEN. USE IN ANY WAY THAT MAKES YOUR TEACHING MORE EFFECTIVE.**
4. Work through the FEIS Scavenger Hunt (at the end of the handout) before the workshop. Check your answers against the key.
5. Arrange your workshop so each participant has access to a computer with Internet connection. Assigning 2 people to each computer works well. If you can't provide enough reliable Internet connections, do the tutorial with the class--that is VERY boring, so try to get Internet.

Please send comments or questions to:

Janet Fryer, Technical Information Specialist (406-329-4809, jfryer@fs.fed.us)

Kris Zouhar, Technical Information Specialist (406-829-6924, kzouhar@fs.fed.us)

Jane Kapler Smith, Ecologist (406-329-4805, jsmith09@fs.fed.us)