

TITLE: 4th Symposium on Fire and Forest Meteorology

PRINCIPLE INVESTIGATORS:

Dr. Sue A. Ferguson, *USDA-FS, Forestry Sciences Laboratory, 4043 Roosevelt Way NE, Seattle, WA 98105. Tel. 206-732-7828, Fax. 206-732-7801, Email.*

sferguson@fs.fed.us

Dr. Timothy Brown, *Desert Research Institute, 2215 Raggio Parkway, Reno, NV 89512-1095. Tel. 775-674-7090, Fax. 775-674-7016, Email. tbrown@dri.edu*

BACKGROUND: The 4th Symposium on Fire and Forest Meteorology is being held on 13-15 November 2001 in Reno, Nevada. The symposium is designed to share experiences and new or changing techniques and technologies in weather and climate that affect fire, fuels, and smoke. The American Meteorological Society will produce a proceedings volume, available at the time of the Symposium, with short papers of all presentations emphasizing practical applications. In addition, we are negotiating for a special edition of the International Journal of Wildland Fire that will be devoted to those presentations deserving an in-depth discussion of scientific background or application details through a peer-review process, which will be available several months after the Symposium. The length of the project period is to accommodate a typical journal publication schedule.

GOALS:

- Deepen the scope of the Symposium as it addresses the relation of weather and climate to the four principle purposes of the Joint Fire Science Plan: a) fuels inventory and mapping, b) evaluation of fuels treatments, c) scheduling fuels treatments, and d) monitoring and evaluation for fuels treatments.
- Foster interest and broaden the understanding of fire among a new generation of scientists as they consider careers in wildland research.

WORK PLAN:

- Provide page charges in the proceedings and special journal issue to authors whose work applies to the four principle purposes of the Joint Fire Science Plan.
- Provide lodging and registration fees for students attending the Symposium through the assistance of such organizations as the Student Association of Fire Ecologists and universities.

OUTCOMES:

- About 15 to 30 papers for the proceedings volume and/or 5 to 10 papers for the special journal issue, depending on page length. (50 to 100 total presentations are expected)
- Stipends for 15 to 30 students to attend the Symposium.