

CROWN FIRES IN CONIFER FORESTS OF THE WORLD: Do you have something to contribute or would like to know about something?

M.G. Cruz, M.E. Alexander, N.M. Vaillant & D.L. Peterson

In October 2009, a 3-year project supported by the Joint Fire Science Program was initiated that aims to synthesize the currently available information on crown fire behavior in conifer forests (e.g., **the onset of crowning, type of crown fire** and the associated **spread rate** and **fireline intensity**).

A critical synthesis on crown fire behavior must rest upon as solid a foundation of knowledge as is possible at this time.

A sufficient body of scientific, peer-reviewed and technical literature of a practical nature does in fact presently exist to be able undertake a synthesis on crown fire behavior.

While the focus is on the coniferous forests of the United States and adjacent areas of Canada, the synthesis is intended to be global in nature and is intended for multiple audiences ranging from the general public to college students to fire and land managers to university professors and other researchers. **Information from all regions of the world would be appreciated, including Mexico, South Africa, Australasia, Europe, Central and South America, Europe and Asia.**

In addition to summarizing the existing scientific and technical literature on crown fires, project members are also **seeking assistance from individuals in the form of field observations of crown fires and related experiences as well as still pictures and video footage** in both natural forest stands and industrial plantations

To keep up to date on the crown fire synthesis project periodically visit our website



Finally, we are interested in hearing from you -- the "end user" -- as to your opinions on the subject of crown fires and any specific questions and/or research needs/knowledge gaps that you would like to see addressed in this crown fire synthesis project.

Please feel free to contact any member of the project team regarding information, comments, thoughts or ideas:

- Miguel G. Cruz, CSIRO Bushfire Dynamics and Applications, Canberra, AUS: Miguel.Cruz@csiro.au
- Martin E. Alexander, University of Alberta, Edmonton, Alberta, CA: mea2@telus.net
- Nicole M. Vaillant, USDA Forest Service, Western Wildland Environmental Threat Assessment Center, Sparks, Nevada, US: nvaillant@fs.fed.us
- David L. Peterson, USDA Forest Service, Pacific Wildland Fire Sciences Laboratory, Seattle, Washington, US: peterston@fs.fed.us