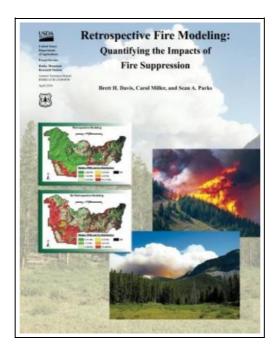
Retrospective Fire Modeling: Quantifying the Impacts of Fire Supression



Filesize: 4.95 MB

Reviews

Completely essential go through pdf. This is for all those who statte that there was not a really worth reading through. You will not truly feel monotony at at any time of your time (that's what catalogues are for concerning if you question me).

(Mr. Santa Shanahan)

RETROSPECTIVE FIRE MODELING: QUANTIFYING THE IMPACTS OF FIRE SUPRESSION



Createspace. Paperback. Condition: New. This item is printed on demand. 44 pages. Dimensions: 11.0in. x 8.5in. x 0.1in.When wildfires are suppressed, opportunities are foregone to create fuel breaks, reduce fire regime departures, and decrease future extreme fire behavior by modifying fuels. To our knowledge, no one has yet attempted to systematically quantify these foregone opportunities. This general technical report describes a methodology to measure the cumulative impacts of suppression over time by modeling the spread of ignitions that were suppressed. We illustrate a set of analysis steps to simulate where ignitions would have spread had they not been suppressed and to assess the cumulative effects that would have resulted from those fires. The quantification of these effects will help land managers improve the prioritization and planning of fuels treatments and help inform decisions about the suppression of future ignitions. In its simplest application, the methodology compares two landscapes: the realized landscape vs. a hypothetical landscape. As used throughout this guidebook, a landscape refers mainly to the biophysical characteristics of the study area such as vegetation and fuel conditions and potential fire behavior. The realized landscape is the landscape that resulted due to the fire management strategies actually implemented; this is typically the current landscape. The hypothetical landscape is the landscape that would have resulted if different fire management strategies had been chosen (e. g. , if one or more suppressed ignitions had been allowed to burn freely). While the examples in this guidebook compare only two landscapes, any number of landscapes could be compared. A case study examines what conditions might have resulted if lightning-ignited fires were not suppressed in the South Fork Merced watershed of Yosemite National Park. The retrospective modeling process requires modeling the spread of ignitions that were suppressed, updating the fuels data to reflect that modeled...



Read Retrospective Fire Modeling: Quantifying the Impacts of Fire Supression Online



Download PDF Retrospective Fire Modeling: Quantifying the Impacts of Fire Supression

Other Books



Absolutely Lucy #4 Lucy on the Ball A Stepping Stone BookTM

Random House Books for Young Readers. Paperback. Book Condition: New. David Merrell (illustrator). Paperback. 112 pages. Dimensions: 7.4in. x 5.1in. x 0.4in.llene Coopers fourth story of a boy and his beagle takes Bobby and Lucy...

Read Book

»



The Mystery at Motown Carole Marsh Mysteries

Carole Marsh Mysteries. Paperback. Book Condition: New. Randolyn Friedlander (illustrator). Paperback. 32 pages. Dimensions: 11.1in. x 8.7in. x 0.0in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery...

Read Book

»



The Mystery in Chocolate Town Hershey, Pennsylvania Carole Marsh Mysteries Teachers Guide

Gallopade International. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 11.0in. x 8.2in. x 0.1in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an...

Read Book

»



The Stories Julian Tells A Stepping Stone BookTM

Random House Books for Young Readers. Paperback. Book Condition: New. Ann Strugnell (illustrator). Paperback. 80 pages. Dimensions: 7.6in. x 5.0in. x 0.4in. Julian is a quick fibber and a wishful thinker. And he is great at...

Read Book

.



Animalogy: Animal Analogies

Sylvan Dell Publishing. Paperback. Book Condition: New. Cathy Morrison (illustrator). Paperback. 32 pages. Dimensions: 9.8in. \times 8.4in. \times 0.4in.Compare and contrast different animals through predictable, rhyming analogies. Find the similarities between even the most incompatible...

Read Book

»