



Emergency Assessment of Postfire Debris-Flow Hazards for the 2009 Station Fire, San Gabriel Mountains, Southern California: Open-File Report 2009-1227

By Susan H Cannon, Joseph E Gartner

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This report presents an emergency assessment of potential debris-flow hazards from basins burned by the 2009 Station fire in Los Angeles County, southern California. Statistical-empirical models developed for postfire debris flows are used to estimate the probability and volume of debris-flow production from 678 drainage basins within the burned area and to generate maps of areas that may be inundated along the San Gabriel mountain front by the estimated volume of material. Debris-flow probabilities and volumes are estimated as combined functions of different measures of basin burned extent, gradient, and material properties in response to both a 3-hour-duration, 1-year-recurrence thunderstorm and to a 12-hour-duration, 2-year recurrence storm. Debris-flow inundation areas are mapped for scenarios where all sediment-retention basins are empty and where the basins are all completely full. This assessment provides critical information for issuing warnings, locating and designing mitigation measures, and planning evacuation timing and routes within the first two winters following the fire. Tributary basins that drain into Pacoima Canyon, Big Tujunga Canyon, Arroyo Seco, West Fork of the San Gabriel River, and Devils Canyon were...



READ ONLINE
[3.58 MB]

Reviews

Absolutely essential go through ebook. It is actually rally intriguing through looking at time. I realized this ebook from my i and dad advised this publication to understand.

-- **Prof. Demetris Rau III**

An incredibly awesome ebook with perfect and lucid answers. It can be loaded with knowledge and wisdom You may like how the article writer compose this ebook.

-- **Mr. Chadd Bashirian V**

Other Kindle Books



[Read Write Inc. Phonics: Pink Set 3 Non-Fiction 1 Jay s Clay Pot](#)

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 172 x 88 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books is carefully levelled to match childrens growing...



[America s Longest War: The United States and Vietnam, 1950-1975](#)

McGraw-Hill Education - Europe, United States, 2013. Paperback. Book Condition: New. 5th. 206 x 137 mm. Language: English . Brand New Book. Respected for its thorough research, comprehensive coverage, and clear, readable style, America s Longest War explores the origins of the...



[hc\] not to hurt the child's eyes the green read: big fairy 2 \[New Genuine\(Chinese Edition\)](#)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2008-01-01 Pages: 95 Publisher: Jilin Art Shop Books all new book of genuine special spot any shortages will...



[Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. \[Us English\]](#)

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...



[Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. \[British English\]](#)

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...



[Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York](#)

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 213 x 98 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books is carefully levelled to match childrens growing...