Record Nr. UNINA9910453006903321 Autore Thomas Peter A. **Titolo** Fire in the forest // Peter A. Thomas and Rob McAlpine; with contributions from Kelvin Hirsch & Peter Hobson [[electronic resource]] Cambridge:,: Cambridge University Press,, 2010 Pubbl/distr/stampa **ISBN** 1-316-08787-5 1-139-79341-1 1-107-25372-1 0-511-78018-4 1-139-77599-5 1-139-77903-6 1-139-78202-9 1-283-81800-0 1-139-77751-3 Descrizione fisica 1 online resource (viii, 225 pages) : digital, PDF file(s) Disciplina 634.9/618 Forest fires Soggetti Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Title from publisher's bibliographic system (viewed on 05 Oct 2015). Note generali Includes bibliographical references (p. [211]-222) and index. Nota di bibliografia Nota di contenuto Machine generated contents note: 1. In the beginning ...; 2. Historical review; 3. How a fire burns; 4. Fire in the wild landscape; 5. Fire ecology; 6. The benefits of fire and its use as a landscape tool; 7. Fire suppression; 8. Wildland fire and its management - a look towards the future; 9. Further reading. Sommario/riassunto How destructive or beneficial are forest fires to wildlife? Should we be trying to reduce or increase the amount of fire in forests? How are forest fires controlled, and why does this sometimes fail? What effect will climate change have? These and many other questions are answered in this richly illustrated book, written in non-technical language. The journey starts in the long geological history of fire leading up to our present love-hate relationship with it. Exploring the physics of how a single flame burns, the journey continues through how whole forests burn and the anatomy of firestorms. The positive

and negative ecological effects of fires are explored, from plants and

wildlife to whole landscapes. The journey ends with how fires are controlled, and a look to the future. This book will be of interest to ecologists, biogeographers and anyone with an interest in forest fires and the role they play.