



Patterns And Processes In Forest Landscapes

Author :Raffaele Laforteza Jiquan Chen Giovanni Sanesi Thomas R Crow / **Category** :Science / **Total Pages** : 425 pages

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Summary : Free patterns and processes in forest landscapes pdf download - increasing evidence suggests that the composition and spatial configuration the pattern of forest landscapes affect many ecological processes including the movement and persistence of particular species the susceptibility and spread of disturbances such as fires or pest outbreaks and the redistribution of matter and nutrients understanding these issues is key to the successful management of complex multifunctional forest landscapes and landscape ecology based on a foundation of island biogeography and meta-population dynamic theories provides the rationale to deal with this pattern-to-process interaction at different spatial and temporal scales this carefully edited volume represents a stimulating addition to the international literature on landscape ecology and resource management it provides key insights into some of the applicable landscape ecological theories that underlie forest management with a specific focus on how forest management can benefit from landscape ecology and how landscape ecology can be advanced by tackling challenging problems in forest landscape management it also presents a series of case studies from europe asia north america africa and australia exploring the issues of disturbance diversity management and scale and with a specific focus on how human intervention affects forest landscapes and in turn how landscapes influence humans and their culture an important reference for advanced students and researchers in landscape ecology conservation biology forest ecology natural resource management and ecology across multiple scales the book will also appeal to researchers and practitioners in reserve design ecological restoration forest management landscape planning and landscape architecture

Pusblisher : Springer Science Business Media on 2008-08-30 / **ISBN** : 9781402085048

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