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<<遥感及模式在森林火灾中的应用>>

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内容概要

Scientistsandmanagersalikeneedtimely,cost-effective,andtechnicallyappropriatefire-relatedinformationtodevelopfunctionalstrategiesforthediversefirecommunities.RemoteSensingandModelingApplicationstoWildlandFiresaddresseswildtandfiremanagementneedsbypresentingdiscussionsthatlinkecologyandthephysicalsciencesfromlocaltoregionallevels,viewsonintegrateddecisionsupportdataforpolicyanddecisionmakers,newtechnologiesandtechniques,andfuturechallengesandhowremotesensingmighthelptoaddressthem.Whilecreatingawarenessofwildlandfiremanagementandrehabilitationissues,hands-onexperienceinapplyingremotesensingandsimulationmodelingisalsoshared.Thisbookwillbeausefulreferenceworkforresearchers,practitionersandgraduatestudentsinthefieldsoffirescience,remotesensingandmodelingapplications.

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Scientists and managers alike need timely, cost-effective, and technically appropriate fire-related information to develop functional strategies for the diverse fire communities. Remote Sensing and Modeling Applications to Wildland Fires addresses wildtand fire management needs by presenting discussions that link ecology and the physical sciences from local to regional levels, views on integrated decision support data for policy and decision makers, new technologies and techniques, and future challenges and how remote sensing might help to address them. While creating awareness of wildland fire management and rehabilitation issues, hands-on experience in applying remote sensing and simulation modeling is also shared.This book will be a useful reference work for researchers, practitioners andgraduate students in the fields of fire science, remote sensing and modeling applications.

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