



## Using Forest Inventory and Analysis Data and the Forest Vegetation Simulator to Predict and Monitor Fisher (*Martes pennanti*) Resting Habitat Suitability (Paperback)

By William J Zielinski, Andrew N Gray, Jeffrey R Dunk

Createspace Independent Publishing Platform, United States, 2012. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.New knowledge from wildlife-habitat relationship models is often difficult to implement in a management context. This can occur because researchers do not always consider whether managers have access to information about environmental covariates that permit the models to be applied. Moreover, ecosystem management requires knowledge about the condition of habits over large geographic regions, whereas most research projects have limited spatial inference. For example, research has revealed much about the habitat of fishers (*Martes pennanti*) at various research sites in California, yet this work has not been translated into practical tools that managers can use to monitor fisher habitat regionally, or to evaluate and mitigate the effects of proposed forest management on fisher habitat. This led us to create new habitat models that are intimately linked to agency approaches to forest monitoring and software tools used by forest managers to plan timber harvests and vegetation management. We created habitat models that were integrated with these approaches and tools that forest managers use for two purposes: to inventory forest resources (i.e. Forest Inventory and Analysis [FIA] plots) and to simulate the...



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