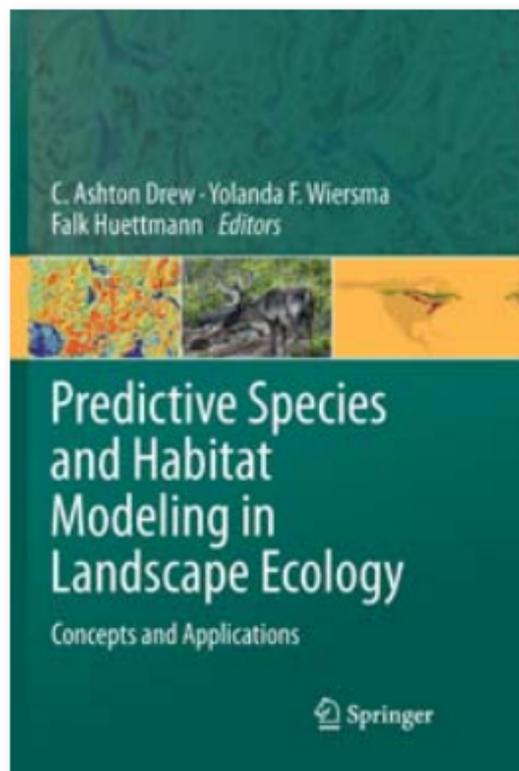


Book analyzes assumptions underlying development of ecological models

YOLANDA WIERSMA, AUTHOR OF A RESEARCH REPORT

in our last issue of *Park Science*, is coeditor of a recently published book titled *Predictive Species and Habitat Modeling in Landscape Ecology: Concepts and Applications*. Spatial models are commonly used in landscape ecology to illuminate species-habitat associations. While traditional landscape ecology focused on the evolution of effective data sources, metrics, and statistical approaches that could accurately describe spatial and temporal patterns and processes of interest, this book examines “ecological theories that underpin the assumptions commonly made during species distribution modeling and mapping.” Comprising 15 contributed chapters, the book consolidates recent research on various aspects of modeling, case studies, and field surveys of modeling. The editors contend that paying attention to the foundational assumptions underlying the development of models is critical to their applicability to questions of global sustainability. The book is intended to be useful to researchers in landscape ecology, conservation biology, wildlife management, population and community ecology, and general ecology. The book is 314 pages in length and costs \$209 (hardcopy). A sample of the text can be viewed at <http://www.springer.com/life+sciences/ecology/book/978-1-4419-7389-4>.



Reference

Drew, C. A., Y. Wiersma, and H. Falks, editors. 2010. Predictive species habitat modeling in landscape ecology. First edition. Springer, New York, New York, USA.

