

NEW!*Discusses the Importance of Recognizing Cumulative Effects*

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Cumulative Effects in Wildlife Management

Impact Mitigation

Edited by

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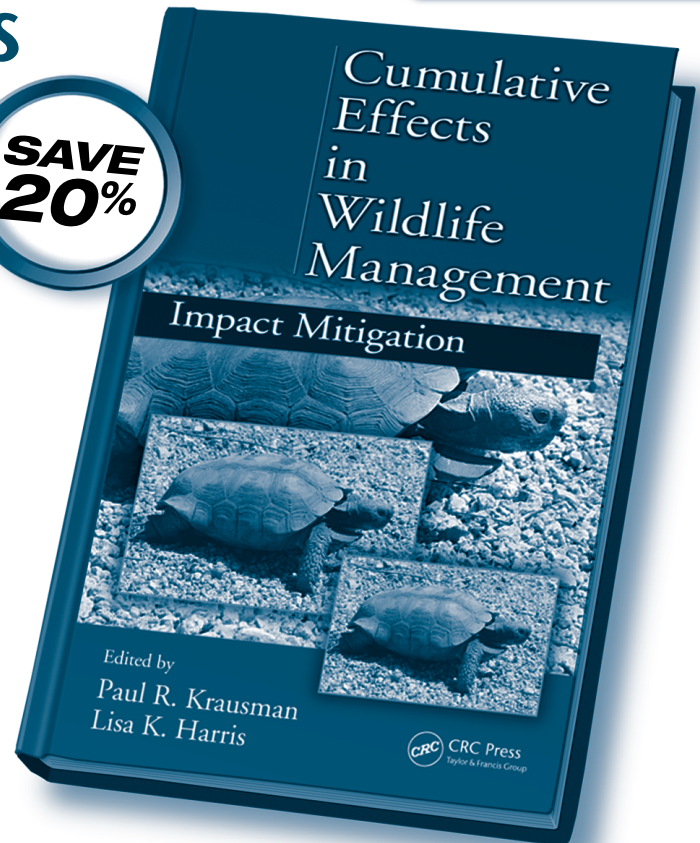
Brings to Light the Crucial Connections between Human Expansion and Habitat Destruction

As humans continue to encroach on wildlands, quality and quantity of wildlife habitat decreases before our eyes. A housing development here, a shopping mall there, a few more trees cut here, another road put in there, each of these diminishes available habitat. Unless the cumulative effects of multiple simultaneous development projects are recognized and incorporated at the beginning of project development, we will continue to see wildlife habitat disappear at unprecedented rates.

Divided into two parts, **Cumulative Effects in Wildlife Management** emphasizes the importance of recognizing cumulative effects and highlights the necessity of their bearing on future policy. It begins with an outline of the differences between direct, indirect, and cumulative effects of anthropogenic impacts on wildlife habitat and addresses the similarities and differences in US and Canadian policies, legal and economic ramifications, and the confusion that stems from lack of consideration, communication, and forward planning. Section 1 also describes the current standard means of quantifying cumulative effects as proposed by the Council on Environmental Quality.

Section 2 presents a series of case studies that deepen our appreciation of how anthropogenic influences interconnect and how this heightened level of understanding influences our ability to make informed decisions. Case studies include cumulative effects in the Canadian Arctic, border issues with Mexico, suburban and exurban landscapes, scenic resources, and the cumulative impacts of energy development on sage-grouse.

Without a conscious knowledge of what is happening around us, we will not be able to incorporate an effective land ethic, and natural resources will be the ultimate loser. **Cumulative Effects in Wildlife Management** brings to light the crucial connections between human expansion and habitat destruction for those managers and practitioners charged with protecting wildlife in the face of changing landscapes.

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FEATURES

- Addresses efforts to mitigate impacts of human activities on wildlife and wildlife habitats
- Explains environmental assessment processes, monitoring frameworks, and strategic land use planning
- Concludes each chapter with a case study demonstrating cumulative effects on wildlife populations
- Presents research on cumulative effects across both spatial and temporal dimensions
- Integrates wildlife population distribution and abundance in the context of human modified landscapes

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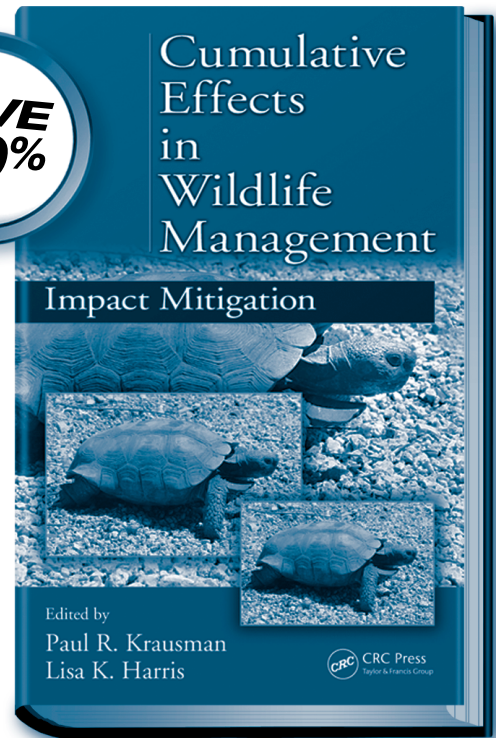
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