



### An Interdisciplinary Approach to the Theory and Practice of Wildlife Corridors

Conservation, Compassion and Connectivity

By Amy D. Proppen

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**Charts some best practices and makes new theoretical contributions about the design and creation of wildlife corridors.**

*An Interdisciplinary Approach to the Theory and Practice of Wildlife Corridors* charts some best practices and makes some new theoretical contributions related to the design and creation of wildlife corridors in Anthropocene times. While the book will provide much of the knowledge necessary for a general and credible understanding of connectivity projects, it will also make a unique theoretical contribution to current knowledge about wildlife corridors by arguing that theories about compassion, empathy, and traditional ecological knowledge should inform wildlife corridor projects.

#### Contents

Part I: Concepts, Considerations, and Perspectives in the Theory and Practice of Wildlife Corridors: 1. Introduction; 2. Key Concepts and Ideas; 3. Design and Management; 4. Communication across Audiences; 5. Emerging Theoretical Perspectives; Part II: Illustrative Cases: Theory in Practice: 1. The Wildlife Crossing on the Flathead Indian Reservation in Montana: Respecting the Spirit of Place; 2. The Monkton Wildlife Crossing and the Rare Blue-spotted Salamander: Vermont's First Amphibian Crossing Tunnels; 3. The Papahānaumokuākea Marine National Monument in Hawaii: Traditional Ecological Knowledge, Fishing Communities, and Migratory Marine Transit Corridors; 4. The Railway from Oxford to London Marylebone: Transportation Upgrade Meets Compassion for Vulnerable Habitats; 5. Aero-Corridors in U.S. Cities: Light Pollution and Migratory Birds; Part III: Looking Ahead: Best Practices and New Perspectives Related to Wildlife Corridors: 1. Conclusion; 2. Best Practices and New Theoretical Directions; Notes; Works Cited; Index.

#### About the Author(s) / Editor(s)

Amy D. Proppen is an associate professor of writing at the University of California, Santa Barbara, and author of *Visualizing Posthuman Conservation in the Age of the Anthropocene*.

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