

# CONTENTS

<i>Introduction</i>	vii
<i>How to use this book</i>	ix
<b>PART 1: CONSERVATION LAND MANAGEMENT</b>	<b>1</b>
Managing protected areas	3
<a href="#">Esri and the National Geographic Society</a>	
Empowering indigenous communities with conservation solutions	10
<a href="#">African People &amp; Wildlife</a>	
Enabling self-service access to visualize data	20
<a href="#">Open Space Institute</a>	
Using smart maps to save lions and solve human–wildlife conflict	26
<a href="#">Born Free Foundation</a>	
Wielding location intelligence to fight poachers	32
<a href="#">Chengeta Wildlife</a>	
Hollywood tricks and location technology catch poachers	40
<a href="#">Durrell Institute of Conservation and Ecology at the University of Kent</a>	
Where the bats go	47
<a href="#">Bat Conservation International</a>	
Finding balance: Helping people and predators coexist	55
<a href="#">Tanzania National Parks</a>	

<b>PART 2: LANDSCAPE CONSERVATION</b>	<b>63</b>
Mapping native forests in western Canada <a href="#">Conservation North</a>	65
Seeing mule deer decline from above and connecting the dots <a href="#">Nevada Department of Wildlife</a>	72
Mapping America’s land and sea: A time for precision conservation <a href="#">Esri</a>	81
Maps cut through the fog to help preserve unique ecosystems <a href="#">Servicio Nacional de Áreas Naturales Protegidas por el Estado</a>	88
Web map brings together conservation and green energy development <a href="#">The Nature Conservancy</a>	97
Scientists collaborate to map biodiversity and the human footprint <a href="#">Alberta Biodiversity Monitoring Institute</a>	103
Conserving a network of climate-resilient lands <a href="#">The Nature Conservancy</a>	110
<b>NEXT STEPS</b>	<b>117</b>
Contributors	121