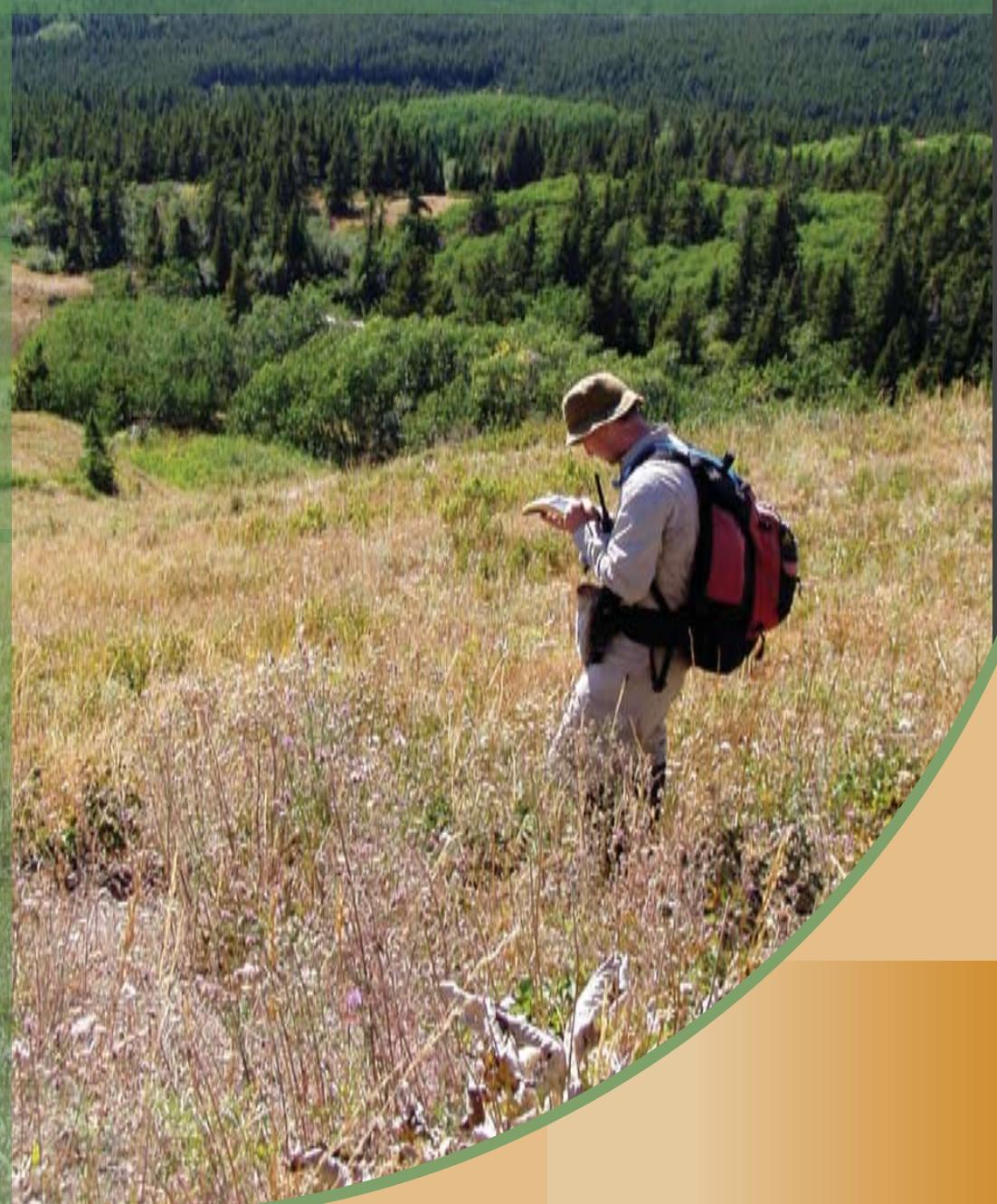




# Inventory and **SURVEY METHODS** for Nonindigenous **PLANT SPECIES**



Edited by  
Lisa J. Rew and  
Monica L. Pokorny



# Table of Contents

<b>Preface.....</b>	<b>3</b>
<b>Introduction .....</b>	<b>4</b>
<i>Lisa J. Rew, Steven R. Radosevich, and Monica L. Pokorny</i>	
<b>Chapter 1.....</b>	<b>8</b>
Getting Started: Fundamentals of Nonindigenous Plant Species Inventory/Survey	
<i>Monica L. Pokorny, Steven A. Dewey, and Steven R. Radosevich</i>	
<b>Chapter 2.....</b>	<b>17</b>
Data Management	
<i>Mandy Tu</i>	
<b>Chapter 3.....</b>	<b>22</b>
Landscape-Scale Wildland Inventories/Surveys: Utah State University Methods	
<i>Steven A. Dewey and Kimberly A. Andersen</i>	
<b>Chapter 4.....</b>	<b>33</b>
Digital Aerial Sketch-Mapping for Early Detection and Mapping	
<i>Jason W. Karl and Mark Porter</i>	
<b>Chapter 5.....</b>	<b>42</b>
Tiered Sampling Method: Nevada's Protocol	
<i>Robert E. Wilson, Ted Angle, and Maria Ryan</i>	



Glacier National Park. Photo courtesy of Shana Wood.

---

---

<b>Chapter 6.</b>	<b>49</b>
Stratified Random Sampling Method	
<i>Lisa J. Rew and Bruce D. Maxwell</i>	
<b>Chapter 7.</b>	<b>56</b>
Adaptive Sampling Design	
<i>Timothy S. Prather</i>	
<b>Chapter 8.</b>	<b>60</b>
Remote Sensing for Detection of Nonindigenous Species	
<i>Timothy S. Prather and Lawrence W. Lass</i>	
<b>Chapter 9.</b>	<b>65</b>
Coarse-Scale Mapping: The Section or Quadrangle-based Method	
<i>Shana D. Wood and Eric M. Lane</i>	
<b>Chapter 10.</b>	<b>70</b>
Beyond Inventory/Survey and Monitoring: Risk Assessment and Management	
<i>Bryan A. Endress, Steven R. Radosevich, Bridgett J. Naylor, John Wells, and Catherine G. Parks</i>	
<b>Contributors</b>	<b>75</b>



Nevada landscape. Photo courtesy of Bob Wilson.