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Titolo	Using Detection Dogs to Monitor Aquatic Ecosystem Health and Protect Aquatic Resources [[electronic resource] /] / edited by Ngaio L. Richards
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Nota di contenuto	Introduction; Heath Smith -- Chapter 1: Water Search Overview: Searching with Dogs in an Aquatic Environment; Debra Tirmenstein and Robert Freedline -- Chapter 2: Detection Dogs as Ambassadors and Field Assistants to Protect Imperiled Reptiles and Amphibians; Robyn Powers -- Chapter 3: Monitoring Invasive and Threatened Aquatic Amphibians, Mammals and Birds; Jim Shields and Lana Austin (with a contribution from Megan Vick and Todd Engelmeyer) -- Chapter 4: Intercepting Invasive Invertebrate Species Before They Infest Water Bodies: The Inception and Implementation of Alberta's Dedicated Canine Mussel Inspection Program; Cindy Sawchuk (with a contribution from Aimee Hurt) -- Chapter 5: In situ Detection of Sewage Pollution and its Sources in Aquatic Ecosystems; Karen Reynolds and Scott

Reynolds -- Chapter 6: Using Scat Detection Dogs to Monitor Environmental Contaminants in Sentinel Species and Freshwater Ecosystems; Ngaio Richards, Gregg Tomy, Chad Kinney, Frankline Nwanguma, Braden Godwin and Deborah (Smith) Woollett -- Chapter 7: A Glimpse into the Use of Dogs to Address Global Poaching, Overharvesting and Trafficking of Aquatic Species; Birgit Braun and John Stuart (with contributions from Detective Lauren Wendt and the TRAFFIC India/WWF India Super Sniffer Team) -- Chapter 8: Striving for Best Standards and Practices: Recommendations for Optimizing Assessment and Performance of Ecological Scent Detection Dogs; Brian Boroski and Lauralea Oliver -- Chapter 9: Looking Ahead: Future Directions and Considerations for Using Detection Dogs in Aquatic Environments and Ecosystems; Ngaio Richards. .

Sommario/riassunto

This book is about the varied range of emerging applications using specially trained detection dogs to monitor and protect aquatic ecosystems, animals, plants and related resources. Featuring contributions from those at the forefront of converging disciplines ranging from canine training, ecological and biological monitoring, water resource management, law enforcement, and eco-toxicology, it addresses everyone already immersed in these or related fields, and anyone seeking to gain a broader understanding of them. Chapters cover several common themes including monitoring presence/absence through biological and ecological surveys; maintaining and evaluating water quality; law enforcement and anti-poaching initiatives; public education, awareness and compliance; standards and best practices; optimal uses of dogs in relation to and in conjunction with other available tools and pragmatic considerations for selecting and working with dogs and handlers. The aim of the book is to stimulate new ideas, promote the sharing and dissemination of information and findings - and, ideally, to catalyze new and innovative partnerships, to strengthen the preservation and conservation of our aquatic heritage.
