

1. Record Nr.	UNINA9910568176103321
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Titolo	Ecological causal assessment // Susan B. Norton, Susan M. Cormier, Glenn W. Suter II
Pubbl/distr/stampa	Taylor & Francis, 2015 Boca Raton : , : CRC Press, , [2015] ©2015
ISBN	0-429-11046-4 1-138-07393-8 1-4398-7015-2
Edizione	[1st ed.]
Descrizione fisica	1 electronic resource (xvi, 497 pages)
Collana	Environmental Assessment and Management
Disciplina	577
Soggetti	Ecological assessment (Biology) Environmental impact analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Contents; Preface; Acknowledgments; Editors; Contributors; Chapter 1: Introduction; Chapter 2: What Is a Cause?; Chapter 3: How Have Causes Been Identified?; Chapter 4: Characteristics and Evidence of Causation; Chapter 5: Human Cognition and Causal Assessment; Chapter 6: Our Approach for Identifying Causes; Chapter 7: Defining the Case; Chapter 8: Listing Candidate Causes; Chapter 9: Case-Specific Observations: Assembling and Exploring Data; Chapter 10: Case-Specific Observations: Deriving Evidence; Chapter 11: Regional Observational Studies: Assembling and Exploring Data Chapter 12: Regional Observational Studies: Deriving Evidence Chapter 13: Regional Observational Studies: : Addressing Confounding; Chapter 14: Assessment-Specific Field Study Designs and Methods; Chapter 15: Laboratory Experiments and Microcosms; Chapter 16: Mesocosm Studies; Chapter 17: Symptoms, Body Burdens, and Biomarkers; Chapter 18: Simulation Models; Chapter 19: Forming Causal Conclusions; Chapter 20: Communicating the Findings; Chapter 21: After the Causal Assessment: Using the Findings; Chapter 22: Causal

Assessment in a Complex Urban Watershed-The Long Creek Case Study
Chapter 23: Clear Fork Watershed Case Study: The Value of State
Monitoring ProgramsChapter 24: Northern River Basins Study and the
Athabasca River: The Value of Experimental Approaches in a Weight-
of-Evidence Assessment; Chapter 25: Applying CADDIS to a Terrestrial
Case: San Joaquin Kit Foxes on an Oil Field; Glossary; List of
Abbreviations and Acronyms; References; Back Cover

Sommario/riassunto

Edited by experts at the leading edge of the development of causal assessment methods for more than two decades, Ecological Causal Assessment gives insight and expert guidance on how to identify cause-effect relationships in environmental systems. The book discusses the importance of asking the fundamental question "Why did this effect happen?" before moving on to "How can we fix it?" The book provides a deeper understanding of different philosophical and analytical approaches, and of cognitive tendencies that can lead to errors. It describes formal processes for causal assessment that are
