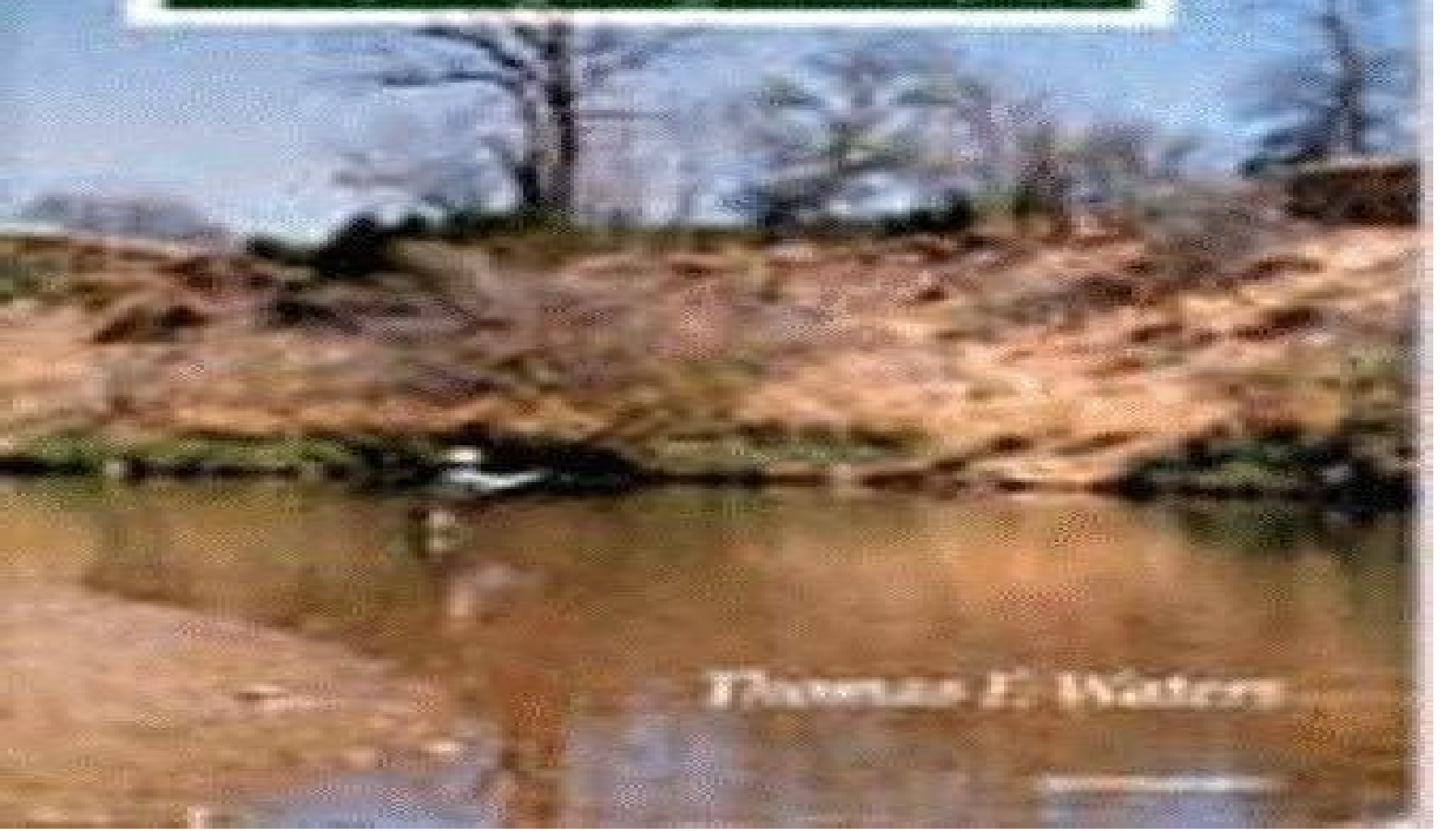


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**Suspended-sediment Concentrations and Radioisotope Levels in the Wild Rice River Basin, Northwestern**

**Minnesota, 1973-98** Mark E. Brigham, Carolyn J. McCullough, P. Wilkinson, 2001 *Ecological Causal Assessment* Susan B.

Norton, Susan M. Cormier, Glenn W. Suter II, 2014-10-29 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 particularly helpful when the situation is complex or contentious It also describes how to approach the analysis of available data and to optimize collection efforts The text then details a transparent process that helps others replicate results and can be used to convince skeptics that the true cause has been identified Several detailed case studies show how to apply the process to streams watersheds and a terrestrial wildlife population Causal assessment is a challenging but endlessly fascinating endeavor Success requires the persistence to figure things out and solid strategies for using the information that you have and getting more of the right kind of information that you need This book gives you just that the skills knowledge and confidence needed to successfully unravel tough environmental problems and build the knowledge base for effective management solutions

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