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Descrizione fisica	1 online resource (XII, 45 p. 158 illus., 100 illus. in color.)
Collana	SpringerBriefs in Environmental Science, , 2191-5547
Disciplina	675.23
Soggetti	Environmental toxicology Pollution prevention Wildlife Fishes Marine sciences Fresh water Ecotoxicology Industrial Pollution Prevention Fish & Wildlife Biology & Management Marine & Freshwater Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1. Introduction -- 2. Methodology -- 3. Structure and Morphology of Testis in Control Group -- 4. Structure and Morphology of Ovary in Control Group -- 5. Structure and Morphology of Pituitary Gland in Control Group -- 6. Effect of Tannery Effluent on Behavior of Fishes -- 7. Effect of Tannery Operations on Testis -- 8. Effect of Tannery Operations on Ovary -- 9. Effect of Tannery Operations on Pituitary Gland -- 10. Summary -- 11. Conclusions.
Sommario/riassunto	This book focuses on the effects of industrial effluents, specifically those generated from tanneries, on aquatic life i.e. fish. Readers will learn about the impacts of untreated effluents that find its way into potable water bodies, rivers and lakes. A detailed analysis of the morphological and reproductive responses of fish to Chromium VI, a carcinogen and hazardous metal, will be provided. Particular attention

is given to the effects of these effluents on the guppy, a fish used for the biological control of malaria. Students and researchers in environmental science, biology, ecology, marine and freshwater sciences will find the book most appealing. Freshwater ecologists working in the field and managers responsible for the protection and monitoring of natural areas will also find this book interesting.
