



The Toxicology of Fishes

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When looking for a book on fish toxicology, you might find one that discusses the biochemical and molecular aspects, or one that focuses aquatic toxicology in general. You can find resources that cover human and animal toxicology or ecotoxicology in general, but no up-to-date, comprehensive monograph devoted to the effects of chemical pollution on these organisms has been widely available, until now. Filling this void, **The Toxicology of Fishes**, written by recognized experts, covers toxic responses ranging from reduced reproduction and/or abnormal development, growth, and differentiation.

General Principles — Discusses fundamental topics such as the bioavailability of chemicals present in the aquatic environment to fishes, processes governing chemical distribution within these organisms, how fish metabolize organic chemicals, and fundamental mechanisms of chemical toxicity

Key Target Systems and Organismal Effects — Describes key target organ systems for chemical impacts in fish, how chemicals produce cancer in these animals, and how fishes can develop resistance to chemical toxicity

Methodologies and Applications — Covers methods for the assessment of chemical effects on fish such as toxicity tests, biomarkers, simulated ecosystems, and modeling approaches and the use of data from such studies in ecological risk assessments

Case Studies — Provides examples of how the principles and approaches presented in earlier units are actually deployed in studies

Illustrated by case studies of actual, large-scale field investigations, the book reviews the tools used to assess unwanted effects in laboratory model- and wild fish in detail. With 238 illustrations, 70 tables, and 50 equations, this comprehensive monograph presents detailed information on the bioavailability of chemical pollutants, their distribution, metabolism, and excretion in the host fish and mechanisms and sites of toxic responses.

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Charles Lee:

Often the book The Toxicology of Fishes will bring that you the new experience of reading some sort of book. The author style to elucidate the idea is very unique. Should you try to find new book to read, this book very ideal to you. The book The Toxicology of Fishes is much recommended to you to see. You can also get the e-book from the official web site, so you can more readily to read the book.

Mark McKinney:

Playing with family in a park, coming to see the coastal world or hanging out with friends is thing that usually you could have done when you have spare time, then why you don't try thing that really opposite from that. 1 activity that make you not experiencing tired but still relaxing, trilling like on roller coaster you already been ride on and with addition info. Even you love The Toxicology of Fishes, you are able to enjoy both. It is good combination right, you still desire to miss it? What kind of hang-out type is it? Oh come on its mind hangout people. What? Still don't have it, oh come on its named reading friends.

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Armando Morris:

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