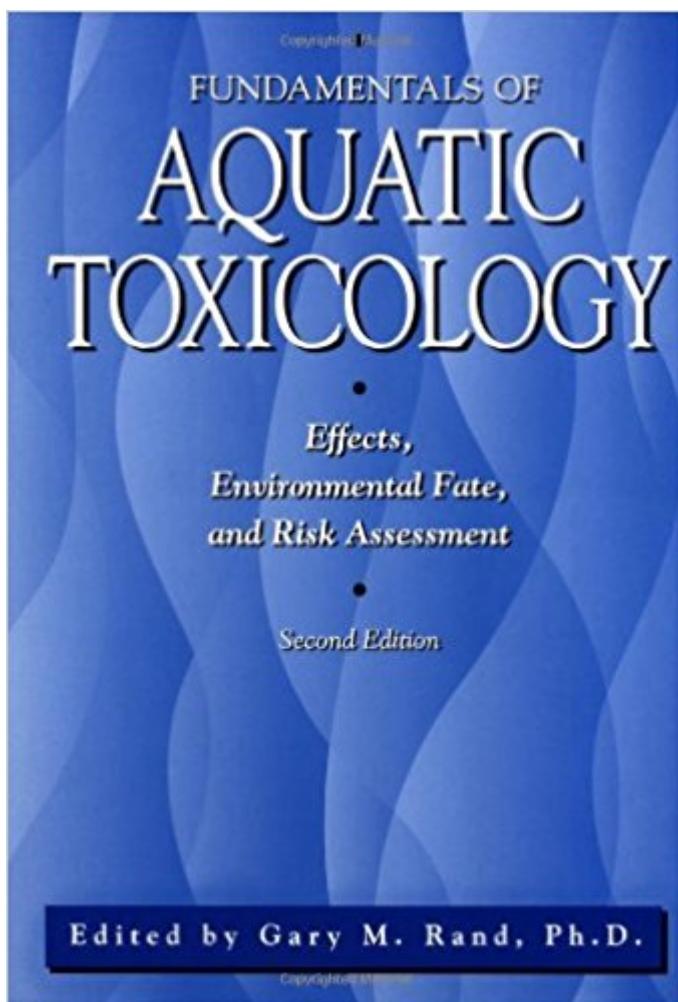


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# Fundamentals Of Aquatic Toxicology: Effects, Environmental Fate And Risk Assessment



## **Synopsis**

This text is divided into three parts. The first part describes basic toxicological concepts and methodologies used in aquatic toxicity testing, including the philosophies underlying testing strategies now required to meet and support regulatory standards. The second part of the book discusses various factors that affect transport, transformation, ultimate distribution, and accumulation of chemicals in the aquatic environment, along with the use of modelling to predict fate.; The final section of the book reviews types of effects or endpoints evaluated in field studies and the use of structure-activity relationships in aquatic toxicology to predict biological activity and physio-chemical properties of a chemical. This section also contains an extensive background of environmental legislation in the USA and within the European Community, and an introduction to hazard/risk assessment with case studies.

## **Book Information**

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## **Customer Reviews**

I recommend to any people of environmental sciences.,It has complete information about the aquatic toxicology and good information to apply in aquaculture and aquatic sciences

This is the best text book available on aquatic ecotoxicology. It is a bit old but still really informative. Hopefully the new edition comes out this year.

Aquatic Toxicology is an excellent book for day to day. It is complete and technically very rich.

Excellent purchase. Very fast delivery.

This textbook is literally a constructive piece of scientific genius. Rand is perhaps one of the most knowledgeable and most well respected authorities on Aquatic Toxicology and its many subdisciplines. After persuing through the first few chapters of this wonderfully written scientific text, one becomes very interested and more hungry for knowledge dealing with this subject. Unlike many other novels of this nature, this one is very unique in that it gives the read a clear and very indepth picture of Aquatic Toxicology and its impacts on the environment as a whole. This text deals with aquatic toxicology from an environmental pollution aspect dealing with manmade and natural chemical toxicants. It also deals with the ecotoxicity affects of man-made pesticides when aquatic organisms are involved in the bioecological food-chain. In short one can soon surmise that this text is an ideal educational asset for all who are desiring a more comprehensive background and informative session in the field of aquatic toxicology and its subdivision. It is superbly written and it details every single aspect of toxicological studies dealing with aquatic organisms in their environmental setting.

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