

**PRINCIPLES IN
WATER ANALYSIS**
FOR ENVIRONMENTAL SCIENCE

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FOR ENVIRONMENTAL SCIENCE

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PREFACE

This book provides the principles behind *in situ* measurements and laboratory analysis and basic procedures for conducting various tests. The focus of this book is on several common water quality parameters, mainly the physico-chemical inorganic contents and basic microbiological analysis. Analytical approach discussed here is based on methods for natural freshwater, mainly adopted from the American Public Health Association (APHA) 1995.

It is my hope that this book will be of use to undergraduate and postgraduate students and technicians involved in water analysis in the private sector and higher learning institutions. For lecturers involved in teaching courses in water pollution and water analysis, this book could probably become an indispensable aid to them. This book should be especially helpful to beginners and those with a low proficiency of the English language as the contents are presented in simple language and supported with illustrations or figures.

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