New Books Received


The study of environmental chemistry has become a major focus at universities around the world. Because of its multidisciplinary nature, one cannot be expected to know all topics encompassing the field of environmental chemistry. It is, therefore, important to have multiple authors that deal with such a broad subject. This book brings together the expertise of four noted individuals who have written materials that range from the basics to advanced aspects of environmental chemistry. As an up-to-date text, students will discover the important fundamentals as well as current events and issues that are often headlines in our newspapers and magazines.

An Introduction to Environmental Chemistry is divided into five chapters. The first chapter is an introduction to the origin of elements, planets, and life, which sets the stage for the rest of the book. The next three chapters focus on specific ecosystems, e.g., atmosphere, terrestrial, and ocean environments. Chapter 2, “The Atmosphere,” includes a discussion on composition, with an emphasis on natural and biological sources. After which, there is a discussion of trace substances, followed by air pollution and its effects on humans, vegetation, and buildings. Chapter 3, “The Environment,” first emphasizes the need for an introduction to solid geological composition and structure...