

**PRINCIPLES OF  
ENVIRONMENTAL  
SCIENCE**

As indicated in the introduction, this part consists of four chapters:

Mass Conservation

Principles of energy behaviour applied to environmental issues

Ecological principles and concepts

An overview of the major environmental problems of today

All four chapters are built-of from three elements: Principles, processes of importance in understanding the impact on the environment, and examples to illustrate the application of the principles in an environmental context.

All Principles and processes are designated in the text as with the symbol **P.x.y.**, where x is the chapter number and y the number of a principle or an important process in that chapter.

Specific quantitative examples are named by example + chapter number + a number; but many general examples are also given in the common text.

Each chapter ends with a list of problems, which can be used to discuss the material presented in the chapter.

However, the right way to use the text in learning to apply environmental science to real life problems would be to discuss comprehensive environmental problems, as it is attempted in the text. This requires the combination of data from real case studies with general data, which can be found in tables presented throughout the text or in the appendix.