

## P R E F A C E.

This is the second edition of the book "Principles of Environmental Science and Technology". The first edition has been widely used as a textbook at university level for graduate courses in environmental management, environmental science and environmental technology (for non-engineers). As this second edition is significantly improved, it is our hope that it may find an even wider application than the first edition.

The second edition has been improved on the following points:

- 1) The section on ecotoxicology and effects on pollutants has been expanded considerably.
- 2) Chapter 4 on ecological principles and concepts has been expanded.
- 3) A section on ecological engineering - the application of ecologically sound technology *in the ecosystems* - has been added.
- 4) The problems of agricultural waste have been included in part B and in chapter 6 on waste water treatment several pages have been added about non-point sources and the application of "soft" technology.
- 5) More examples, questions and problems have been added.
- 6) An appendix on environmental examination of chemicals has been added.
- 7) All the principles have been shown in the text by use of bold letters.
- 8) Several figures and tables have been added to illustrate the text better.

The users of the first edition have given many useful advices, which have improved the text of the book. The author would also like to thank Judit Flesborg for a skilled transfer of the text to a Macintosh computer.

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