

# Preface

This edition is conceptually related to sustainable development issues.

The first book's section contains the research results in the field of wide utilisation of bio-based materials and technological processes for their processing.

There are also presented many studies devoted to waste and wastewater processing technologies, biomass waste utilisation, and improvement of soil fertility. These important problems of ecological safety are represented in a separate section.

This edition will be useful and interesting for specialists and engineers-technologists from many branches of the production sector whose activity is related to the application of bio-based materials, ecological safety, and environmental protection.