

Preface

The topic of this special issue is an analysis of some engineering aspects of sustainable development conception namely green construction, water treatment, clean manufacturing, biofuel production, and renewable energy transition.

The main principles of green construction and the practice of using waste plastic in road engineering are analysed in the first chapter.

The second chapter includes articles dedicated to research results on materials and technologies for water and wastewater treatment. The provision of clean water and treatment of industrial and communal wastewater constitute a very significant part of overall ecological safety.

The next chapter is dedicated to analysing technologies of biodiesel and biogas production from various biomass.

The last chapter analyses some ways and methods for providing partial or full renewable energy transition and principles of carbon dioxide capture and utilisation.

This special edition will be helpful to many specialists whose activity is connected to issues of sustainable development.