

# Foreword

Wastewater generated in settlements without sewerage must be treated in order to relieve the burden on the receiving water body and to avoid risks to public health. Because the transportation of liquid waste in these regions is quite expensive, local solutions come to the fore. The design methodology of individual wastewater treatment and the contexts related to the operation have been known for a long time; however, the application is not widespread where centralised wastewater treatment has not been solved.

The aim of the textbook entitled *Individual Wastewater Treatment Technologies* is to acquaint the reader with the issue of individual wastewater treatment and its specialties. After general wastewater treatment concepts and operations, the concept and legal background of decentralised wastewater treatment will be presented, followed by a wide range of technologies from a wide and colourful offer of individual wastewater treatment plants. Those interested can also get an insight into the numerical modelling of wastewater treatment processes. We hope that not only students but also practitioners from design and operation engineers, those interested in wastewater treatment and those who want to do something for their environment will find useful information.

The textbook is published by the Faculty of Water Sciences of the University of Public Service EFOP-3.6.1-16-2016-00025 project on strengthening higher education in water management in the framework of intelligent specialisation, development of a decision support and expert system for the introduction of individual (small) wastewater treatment plants in Hungary.

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*The Editor*