

## Preface

The world population keeps increasing, and this growth has enormously impacted the environment negatively. Researchers all over the world have continually seeking different ways by which the negative impact of the global increasing population can be minimized including developing new technologies to accommodate the high population. The use of plastic has increased, wastes are taking land spaces, which could be used for other purposes such as building and farming, water bodies are been polluted leading to poor access to portable water, and food shortage has been experienced in many communities. The research presented in this book cut across Machine Design, Technologies of Environmental Engineering and Bioprocessing, Materials and Technologies in Construction, Information and Communication Technologies, and Engineering and Project Management. These researches if implemented would go a long way in providing sustainable and lasting solutions to these challenges.