



sustainability

Green Technology and Renewable Energy Projects

Edited by

Mostafa Ghasemi Baboli

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Editor

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About the Editor

Mostafa Ghasemi Baboli

Dr. Mostafa was born in Iran and graduated from the Petroleum University of Technology in 2006. He obtained his PhD in Chemical Engineering from the National University of Malaysia (UKM) in 2012. In 2012, his manuscript in the Chemical Engineering Journal was selected as a top cited manuscript. Until March 2016 he served as Senior Lecturer/Research Fellow at the National University of Malaysia. In March 2016, he joined Universiti Teknologi PETRONAS (UTP). In addition to his responsibilities of teaching and research, he has been the principle investigator of an International Project with King Abdul Aziz City for Science and Technology (KACST). Dr Mostafa has supervised more than 20 theses, published over 80 journal articles and a number of chapter books. At the end of 2019, he joined the Chemical Engineering department of Sohar University as an Associate Professor. Until now, he has about 10 years of professional experience in biochemical fuel cells renewable energy and membrane technology for water and wastewater treatment. He is also a trainer for writing up scientific manuscripts.

Preface to "Green Technology and Renewable Energy Projects"

With increasing population growth, the demand for water and energy has increased significantly. The consequences from a lack of water and energy will cause poverty and many problems in various societies. Additionally, it will lead to serious environmental problems such as global warming, drought, and water scarcity. In this book, we collected some new studies on the importance of different techniques in the production of renewable energies and applying green technologies.

The editor would like to thank the authors of the different chapters of the book. The assistance and help provided by Sohar University is also highly appreciated.

Mostafa Ghasemi Baboli

Editor