1. Record Nr. UNINA9910637784903321

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Titolo	The Theory Applications of Finance and Macroeconomics
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
ISBN	3-0365-5690-7
Descrizione fisica	1 electronic resource (206 p.)
Soggetti	Economics, finance, business & management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Recently, the world economy has witnessed some turbulence and instability, both of which have raised concerns and added threats to the global economy. For example, climate change, trade war, regional political tension, Brexit, and the very recent Coronavirus epidemic have hit several countries across all continents at an astonishing rate and are among some of the factors that have increased uncertainty. We have also noticed a surge in technological innovations and their implications in the banking and financial sectors. Today, we talk about blockchain, fintech, insurtech, regtech, and big tech, which have changed the business model of banks, financial institutions, and also the management model for firms and public administration. To get better insight into all these trends, economists have used the finance and macroeconomic theory to analyze the micro- and macroeconomic consequences of all these events and to study their impacts on economic and financial sector stability, as well as economic development and growth. In this Special Issue, Economies is inviting researchers and academicians to submit their work to a Special Issue dedicated to “The Theory Applications of Finance and Macroeconomics”. Some of the topics that contribute to the Issue might address issues of trade tension, climate change, blockchain and cryptocurrencies, financial liberalization, macroeconomic issues, principles of international finance, and open economy macroeconomics.

2. Record Nr. UNINA9910350352103321

Autore	Shahnawaz Mohd
Titolo	Bioremediation Technology for Plastic Waste / / by Mohd. Shahnawaz, Manisha K. Sangale, Avinash B. Ade
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-7492-9
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XIX, 130 p. 26 illus., 14 illus. in color.)
Disciplina	610.28
Soggetti	Biomedical engineering Waste management Microbiology Environmental toxicology Environmental engineering Biotechnology Biomedical Engineering/Biotechnology Waste Management/Waste Technology Ecotoxicology Environmental Engineering/Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Module 1_Introduction -- Module 2_Microplastic -- Module 3_Plastic waste disposal and re-use of plastic waste -- Module 4_Case studies and recent update of plastic waste degradation -- module 5_Bacteria as key players of Plastic Bioremediation -- Module 6_In situ remediation technology for plastic degradation -- Module 7_Ex-situ remediation technology for plastic degradation -- Module 8-_Social awareness of plastic waste threat -- Module 9_Analysis of the plastic degradation products -- Module 10_Toxicity testing of plastic degrading products -- Module 11_Policy and legislation/regulations of plastic waste around the globe -- Module 12_Conclusions and future needs.
Sommario/riassunto	Plastic is one of the widely used polymers around the globe since its discovery. It is highly impossible to think the ease of life without the aid of plastic. Every year billion tons of plastic waste gets accumulated

in the environment and leads to death of both marine and terrestrial animals. Plastic is very durable and needs around 1000 years to degrade under the natural environment. The present book illustrates the importance and significance of the bioremediation to tackle the problem of plastic waste. Previously, we have reported elite rhizobacterial isolates (Lysinibacillus fusiformis strain VASB14/WL and Bacillus cereus strain VASB1/TS) of Avicennia marina Vierh (Forsk.) from the West Coast of India with the potential to degrade plastic (polythene). The present book attempted to address the bioremediation scenario of plastic waste (including micro plastic) using microbes with bacteria in particular. Various strategies used to tackle with the plastic waste were highlighted with case studies of plastic waste management, including in vitro, in situ and ex situ with a special reference to biodegradation technology. After the biodegradation of the plastic using microbes, the generated plastic (polythene) degradation products (PE-DPs) were also documented using GC-MS technique followed by their deleterious effect on both animal and plant systems. The book also enhances the awareness of the plastic-free society and also suggests some alternative materials to be used instead of plastic. Lastly, the book suggests/recommends the strategies to be followed by the lawmakers in the government organizations/non-government organizations/social organizations to frame the regulations and guidelines to implement at mass level to reduce the generation of plastic waste.