Table of Contents

International Journal of Environmental Sustainability and Green Technologies

Volume 12 • Issue 1 • January-June-2021 • ISSN: 2643-7406 • eISSN: 2643-7414

Research Articles

1  The Implications of the New Geography Framework of Urban Agro Ecology on Urban Planning
José G. Vargas-Hernández, University Center for Economic and Managerial Sciences, University of Guadalajara, Mexico
Olga E. Domené-Painenao, El Colegio de la Frontera Sur, Chiapas, Mexico

26  Evaluating the Seasonal Weather Influence on the Electrical Power Generation From Solar Cells
Yas A. Alsultanny, University of Baghdad, Iraq
Eiman Alharbi, Institute for Scientific Research, Kuwait

40  Proposal of a Digital Mobile Platform for the Urban Farming Revolution
Fernando Almeida, Polytechnic Institute of Gaya, Portugal
Nuno Miranda, Polytechnic Institute of Gaya, Portugal
Bruno Vieira, Polytechnic Institute of Gaya, Portugal

58  Green Economic Growth Based on Urban Ecology and Biodiversity
José G. Vargas-Hernández, University Center for Economic and Managerial Sciences, University of Guadalajara, Mexico
Justyna Anna Zdunek-Wielgołaska, Warsaw University of Technology, Poland

Open Access Article

76  Copper Black Coatings for the Absorption of Solar Concentration With an APPJ SiO2 Super-Hydrophobic Protection: Selective Copper Black Coatings for Solar Power
Jose de Jesus Perez Bueno, CIDETEQ S.C., Mexico
Esmeralda Reséndiz Rojas, Universidad Tecnológica de San Juan del Río, Mexico
Jorge Morales Hernandez, CIDETEQ S.C., Mexico
Maria Luisa Mendoza López, Instituto Tecnológico de Querétaro, Tecnológico Nacional de México, Mexico
Rufino Alberto Chávez Esquivel, Universidad Tecnológica de San Juan del Río, Mexico

COPYRIGHT

The International Journal of Environmental Sustainability and Green Technologies (IJESGT) (ISSN 2643-7406; eISSN 2643-7414), Copyright © 2021 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of Environmental Sustainability and Green Technologies is indexed or listed in the following: Google Scholar