Contents

A Novel Nondestructive Ultrasonic Velocity and Attenuation Approach for Sustainable Quality Prediction of Wheat-Based Products	1
A Variable Neighborhood Search-Based Method with Learning for Image Steganography	7
Achieving SDGs Through Higher Educational Institutions: A Case Study of the University of Bahrain	19
An Impact of Smart Traffic Sensing on Strategic Planning for Sustainable Smart Cities Tareq T. Krishan, Rami S. Alkhawaldeh, Issam Al-Hadid, Rula Al Azawi, and Saleh H. Al-Sharaeh	25
Corporate Social Responsibility in the United Arab Emirates: Principles and Communication Strategy Khaled Zamoum and T. Serra Gorpe	33
Corruption-Specific Security Challenge	41
Developing a Green Curriculum for Introduction to Information Technology Course	49
Eco-certification in the Montenegrin Tourism as a Response on Climate Change	53
Evaluating Application of Information and Communication Technology in Patronizing Guidance and Counseling Services Among Undergraduate Students in Selected North-Western Universities in Nigeria	65
Factors Affecting the Cost of Production of Electricity and Desalination Plant for Sustainable Operation at the Libyan Iron and Steel Company Salim Mohamed Hebrisha and Ahmed N. Al-Masri	73
Guided Inquiry Strategy as Panacea for Students Poor Academic Performance in Biology for Sustainable Development	83

X Contents

HEIs Practices and Strategic Decisions Toward Planning for Delivering Academic Programs for a Sustainable Future	89
Innovative Pedagogy for Higher Educational Institution: The Teacher Point of View Fermin G. Castillo	95
International Law and the Challenges of Transboundary Watercourses Governance: The Blue Nile Dam Controversy	105
Investigating the Function of DM "Like" in Authentic Discourse and the Importance of Incorporating It in ESL Curriculum	123
Machine Learning for Flipped Teaching in Higher Education—A Reflection Vikas Rao Naidu, Baldev Singh, Khadija Al Farei, and Noor Al Suqri	129
Multiple Tools for Innovative Interdependent Learning Techniques in Higher Education to Foster Employability Skills	133
Novice Learning Programming Languages in Omani Higher Education Institution (Nizwa University) Issues, Challenges and Solutions Mohamed Aissa, Mouza Al-Kalbani, Saleh Al-Hatali, and Ahmad BinTouq	143
Optical Simulations and Analysis for Single and Double Layer Antireflection Coatings on Si Solar Cells Mohammed Alhashemi, Omar Albadwawi, and Ibraheem Almansouri	149
Patient-Centered Smart Healthcare Information System	157
Proper Use of Concord in the Written English Essays of Diploma Students as a Means of Sustainable Development in Nigeria	167
Proposing Revised KHDA Model of School Improvement: Identification of Factors for Sustainable Performance of Dubai Private Schools Muhammad Azeem, Leonardo Jose Mataruna-Dos-Santos, and Rabeb Ben Abdallah	173
Sidewalk Challenges in Amman, Jordan, and the Urge for Context-Specific Walkability Measurement and Evaluation Tools	203
Simulation of Grey Wolf Optimization Algorithm to Distinguish Between Modigliani's and His Contemporaries	219
Skills Engineering in Sustainable Counter Defense Against Cyber Extremism Vladimir Tomašević, Tatjana Ilić-Kosanović, and Damir Ilić	229
Slow Tourism Insights Inspiring Fast Travel Forms via Sustainable Development, the Triple Bottom Line, and Environmental Communication	237

Contents

Smart Visa System with Improved Security Features Adel Khelifi, Saleha Hashmi, Feras Darwich, Sarah Ali, and Ali Al Tenaiji	251
Students' Assessment of Electronic Waste Environmental Management and Sustainability at an Emirati Federal Institution	263
Sustainability Across Generations: What Can We Learn from the Elderly Generation About Sustainability in UAE? Casiana Pascariu and Leslie Vandeputte	271
Sustainability Behavior at the University of Sharjah: A Gender Comparison Anwar Hamdan, Nada Murad, Marah Abdelrazeq, Sadeque Hamdan, Imad Alsyouf, and Maamar Bettayeb	279
Sustainable Energy Development and Nuclear Energy Legislation in the UAE Evan K. Paleologos, Abdel-Mohsen O. Mohamed, and Eric Canal-Forgues	285
The Character Traits of Polyglots What Can Be Learned from and About Polyglots for Sustainable Foreign Language Learning and Education? Alexander Arguelles	295
Sustainable Modes of Mobility in New Urban Neighborhoods in UAE: Assessing Walkability and Bikability	309
Sustainable Tourism Development in Historical Cities Case Study: Karak, Jordan Jawdat Goussous and Oraib Al-Jaafreh	319
The Criminal Offense of Tax Evasion in the Law of the Republic of Serbia and International Standards Aladin Šemović, Šaban Gračanin, and Dženan Koca	333
The Legal Status of Nuclear Energy in the United Arab Emirates: Great Ambitions, Great Partnership, Sustainability and Complete Respect of International Law Amer Fakhoury	339
The Role of General Education in Students Perspective: The Case of Higher Education in Dubai, UAE D. F. Antiado, Fermin G. Castillo, S. Y. Marzouki, and M. I. Tawadrous	349
The Role of Humor in Sustainable Education and Innovation. Mrabet Jihene, Riadh Ben Rejeb, and Pascal Le Maléfan	361
TQM in Higher Education for Sustainable Future Fermin G. Castillo	373
Urban Performance and Sustainable Environment: Ajman as a Case Study Bouzid Boudiaf	381
Use of Advanced Organizers in Learning Conservation Concepts Among Secondary Students for Sustainable Development in Nigeria	393
Virtue Ethics, Technology, and Sustainability	399