Androniki Kavoura
Efstathios Kefallonitis
Prokopios Theodoridis *Editors* 

# Strategic Innovative Marketing and Tourism

8th ICSIMAT, Northern Aegean, Greece, 2019



### **Springer Proceedings in Business and Economics**

Springer Proceedings in Business and Economics brings the most current research presented at conferences and workshops to a global readership. The series features volumes (in electronic and print formats) of selected contributions from conferences in all areas of economics, business, management, and finance. In addition to an overall evaluation by the publisher of the topical interest, scientific quality, and timeliness of each volume, each contribution is refereed to standards comparable to those of leading journals, resulting in authoritative contributions to the respective fields. Springer's production and distribution infrastructure ensures rapid publication and wide circulation of the latest developments in the most compelling and promising areas of research today.

The editorial development of volumes may be managed using Springer's innovative Online Conference Service (OCS), a proven online manuscript management and review system. This system is designed to ensure an efficient timeline for your publication, making Springer Proceedings in Business and Economics the premier series to publish your workshop or conference volume.

More information about this series at http://www.springer.com/series/11960

Androniki Kavoura • Efstathios Kefallonitis • Prokopios Theodoridis Editors

# Strategic Innovative Marketing and Tourism

8th ICSIMAT, Northern Aegean, Greece, 2019



Editors
Androniki Kavoura
Department of Business Administration
University of West Attica
Aigaleo, Greece

Prokopios Theodoridis Department of Business Administration of Food and Agricultural Enterprises University of Patras Agrinio, Greece Efstathios Kefallonitis Department of Business Administration State University of New York at Oswego Oswego, NY, USA

ISSN 2198-7246 ISSN 2198-7254 (electronic)
Springer Proceedings in Business and Economics
ISBN 978-3-030-36125-9 ISBN 978-3-030-36126-6 (eBook)
https://doi.org/10.1007/978-3-030-36126-6

### © Springer Nature Switzerland AG 2020

This work is subject to copyright. All rights are reserved by the Publisher, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, reuse of illustrations, recitation, broadcasting, reproduction on microfilms or in any other physical way, and transmission or information storage and retrieval, electronic adaptation, computer software, or by similar or dissimilar methodology now known or hereafter developed.

The use of general descriptive names, registered names, trademarks, service marks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

The publisher, the authors, and the editors are safe to assume that the advice and information in this book are believed to be true and accurate at the date of publication. Neither the publisher nor the authors or the editors give a warranty, expressed or implied, with respect to the material contained herein or for any errors or omissions that may have been made. The publisher remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

This Springer imprint is published by the registered company Springer Nature Switzerland AG. The registered company address is: Gewerbestrasse 11, 6330 Cham, Switzerland

This volume and every of our ICSIMAT COMMUNITY volume is dedicated to Prof. Belch, Prof. Buhalis, Prof. Morgan, Prof. Gretzel, Niki, Diamantis Kitrides, Prof. Avlonitis, Prof. Kitchen, Prof. Zotos, the scientific and organizing committee, the editors who kindly offered space in their prestigious journals and all the ICSIMAT community, which have contributed to our success. All for one, one for all!

### **Preface**

### Aims and Scope of the Conference

The International Conference on Strategic Innovative Marketing and Tourism (ICSIMAT) 2019 was held from 17 to 21 July 2019 at the Northern Aegean while the conference included parallel sessions and workshops in three different Greek areas (Chios, Oinousses and Lesvos).

ICSIMAT provided a timely and interactive international platform for academics, government and industry practitioners in order to discuss and develop new perspectives in the field of marketing, innovative technologies and tourism. They were able to discuss and debate issues that affect the future direction of marketing research and practice in a digital and innovation era. ICSIMAT community includes worldwide well-known scholars, faculty members, doctorate students, researchers and business practitioners who network and exchange research work and inter-institutional cooperations.

More than 280 pre-registered authors submitted their work in the conference. ICSIMAT finally accepted and hosted 150 original research papers, after a double-blinded peer review process. Fifteen were part of the established industry session that is organized during ICSIMAT conferences. Seventeen sessions in total were held in order to advance and contribute to specific research areas in the field of strategic innovative marketing and tourism.

The sessions that were created under ICSIMAT were chaired by

Stephen Havlovic, Laurentian University, Canada, on POLICIES/STRATEGIES RELATED ISSUES IN MARKETING, MANAGEMENT, ECONOMICS, EDUCATION AND HOSPITALITY

Nikos Grammalidis, Information Technologies Institute, Centre for Research and Technology, Greece, on IT TECHNOLOGIES IN MARKETING, MANAGEMENT, TOURISM AND CULTURE

Victor-Alexandru Briciu, Transilvania University of Brașov, Romania, on HUMAN RESOURCES PERSPECTIVES

viii Preface

Eda Yasa, Mersin University, Turkey, and Emel Yarimoglu, Yaşar University, Izmir, Turkey, on CUSTOMERS'/TRAVELLERS'/AUDIENCES' PERSPECTIVES AND ROLE

Flavio Tiago and Teresa Borges Tiago, University of the Azores, Portugal, on MANAGEMENT/RELATED ISSUES IN MARKETING AND HOSPITALITY

Sofia Asonitou, University of West Attica, Greece, and Natalya Totskaya, Laurentian University, Canada, on SKILLS AND COMPETENCIES

Pinelopi Athanasopoulou, University of Peloponnese, Greece, on BRANDING RELATED ISSUES

Spyridon Nomicos, University of West Attica, Greece, on SMART APPROACHES

Alexios-Patapios Kontis, University of the Aegean, Greece, on MOTIVATION IN TOURISM/SPORT/MARKETING

Aikaterini Stavrianea, National and Kapodistrian University, Greece, on COMMUNICATION/ADVERTISEMENT PERSPECTIVES.

Maria Lekakou, University of the Aegean, Greece, on BLUE DEVELOPMENT AND MARITIME TOURISM

Hatice Ulusoy, Sivas Cumhuriyet University, Turkey, and Maria Tsirintani, University of West Attica, Greece, on HEALTH MANAGEMENT/TOURISM RELATED ISSUES

Kostas Fouskas, University of Macedonia, Greece, on IT TECHNOLOGIES, MOBILE AND WEB APPLICATIONS

Dorothea Papathanasiou, Hellenic Open University, Greece, on ENTREPRENEURSHIP PERSPECTIVES AND INNOVATION IN ORGANISATIONS, COMPANIES, COUNTRIES

Chara Agaliotou, Loukia Martha and Maria Vrasida, University of West Attica, Greece, on SUSTAINABLE TOURISM

Dorin Coita, University of Oradea, Romania, on BLOCKCHAIN AND RELATED ISSUES

ASLI D.A. TASCI, UCF Rosen College of Hospitality Management, USA, on BRAND MANAGEMENT

Aigaleo, Greece Oswego, USA Agrinio, Greece Androniki Kavoura Efstathios Kefallonitis Prokopios Theodoridis

### **Topics**

Marketing, Social Media Marketing, e-Branding and Brand Experience Management, Digital marketing, Marketing Analytics, Marketing Research, Services Marketing, Integrated Marketing Communications, Consumer Behaviour, New Product Design and Development, Sports Marketing, B2B and B2C Marketing, Pricing Strategies, Art and Cultural Marketing, Mobile Services, Gaming, Gamification and Augmented Reality, Location-based Services, Internet-of-Things, Heritage and Museum Management in the Digital Era, Cross-cultural marketing, Tourism and Destination Marketing, Enogastronomic Tourism, Event Tourism, Health Tourism, Transport Industry Marketing, Social Media, Experiential and Sensory Marketing, Customer Relationship Management and Social CRM, Collaborative Marketing, Safety Marketing, Economics of Business Strategy, Accounting Marketing, Global Business, Marketing Finance, Healthcare Management, Accounting Education, Skills and Competences, Higher Education, Retail Marketing, Sales Management, Public Relations and Crisis Management, E-commerce, Marketing Strategy, Sectoral Marketing, Safety Management and Marketing, Entrepreneurship.

### **Conference Details**

### Chairs

Androniki Kavoura, University of West Attica, GREECE Efstathios Kefallonitis, State University of New York at Oswego, USA Prokopios Theodoridis, University of Patras, GREECE

### **International Advisory Board**

Prof. Buhalis, D., Bournemouth University, UK

Prof. Belch M., San Diego State University, USA

Prof. Belch G., San Diego State University, USA

Prof. Kitchen, P., ESC Rennes School of Business, France

Prof. Zotos, G., Cyprus University of Technology, Cyprus

Prof. Dibb, S., The Open University, UK

Prof. Bhattacharya, C.B., University of Pittsburgh, USA

### SCIENTIFIC COMMITTEE

George J. Avlonitis, Athens University of Economics and Business, Greece Russell Belk, York University, Canada Chris Cooper, Oxford Brookes University, UK Annette Pritchard, Cardiff Metropolitan University, UK Giacomo Del Chiappa, University of Sassari, Italy Nigel Morgan, Cardiff Metropolitan University, UK Teresa Borges Tiago, Universidade dos Açores, Portugal

xii Conference Details

Stylianos Papathanassopoulos, National and Kapodistrian University of Athens, Greece

Goetz Greve, Hamburg School of Business Administration, Germany

Peter Yannopoulos, Brock University, Canada

Sharyn Rundle Thiele, Griffith University, Australia

Nick Marinescu, Transilvania University of Brasov, Romania

Monika Jedynak, Jagiellonian University Krakow, Poland

Efthymios Constantinides, University of Twente, the Netherlands

Christos Sarmaniotis, Alexander Technological Educational Institute of Thessaloniki, Greece

Efstathios Kefallonitis, State University of New York at Oswego, USA

Aspasia Vlachvei, Technological Educational Institute of West Macedonia, Greece

Stephen Havlovic, Laurentian University, Canada

Stanislav Ivanov, Varna University, Bulgaria

Ourania Notta, Technological Educational Institute of Thessaloniki, Greece

Leszek Koziol, Malopolska School of Economics, Tarnow, Poland

Charalambos Yakinthos, Merchant Marine Academy of Macedonia, Greece

Marianna Sigala, University of South Australia, Australia

Panagiotis Trivellas, Technological Educational Institute of Central Greece, Greece

Yiorgos A. Bakamitsos, Stetson University, USA

Can Seng Ooi, University of Tasmania, Australia

Alzbeta Kiralova, University of Business in Prague, Czech Republic

Axel Schlich, University of Applied Sciences, Fachhochschule Koblenz, Germany

Renata Tomljenović, Institute for Tourism, Croatia

Diren Bulut, Istanbul University, Turkey

Tijana Rakić, University of Brighton, UK

Vanessa Ratten, LaTrode University, Australia

Maro Vlachopoulou, University of Macedonia, Greece

Christos Vassiliadis, University of Macedonia, Greece

Ana Pereira-Roders, Eindhoven University, Netherlands

Ram Herstein, Jerusalem Academic Center, Israel

Kir Kuščer, University of Ljubljana, Slovenia

Perry Hobson, Taylor's University, Malaysia

Petros Kostagiolas, Ionian University, Greece

Marina-Selini Katsaiti, United Arab Emirates University, United Arab Emirates

Klimis Ntalianis, University of West Attica, Greece

Emel Yarimoglu, Yasar University Izmir, Turkey

Eda Yasa Ozelturkay, Cag University, Turkey

Dorin Coita, University of Oradea, Romania

Andreas Masouras, University of Neapolis, Cyprus

Evgenia Bitsani, Technological Educational Institute of Peloponnese, Greece

Petros Kostagiolas, Ionian University, Greece

Conference Details xiii

Charilaos Lavranos, Ionian University, Greece

George Pierrakos, University of West Attica, Greece

Panagiota Argyri, Ambassador Scientix3, Community of Science Education in Europe

Apostolos Giovanis, University of West Attica, Greece

Jean-Éric Pelet, ESCE Business School, Paris, France

Stella Sylaiou, Hellenic Open University

Lee Li, York University, Canada

Sotiriadis Marios, University of South Africa, South Africa

Ulrike Gretzel, University of Southern California, USA

Irine (Eirini) Kamenidou, Technological Educational Institute of Kavala, Greece

Evangelos Christou, Alexander Technological Educational Institute of Thessaloniki, Greece

Panagiotis Kaldis, University of West Attica, Greece

Sandra Faria Dias, Universidade dos Açores, Portugal

Maya Ivanova, Varna University, Bulgaria

Flavio Tiago, Universidade dos Açores, Portugal

John Tsalikis, Florida International University, USA

Irene Tilikidou, Alexander Technological Educational Institute of Thessaloniki, Greece

Iordanis Kotzaivazoglou, TEI of Central Macedonia, Greece

Paraskevas Argouslidis, Athens University of Economics and Business, Greece

Natalya Totskaya, Laurentian University, Canada

Rana Haq, Laurentian University, Canada

Jorge Virchez, Laurentian University, Canada

Patricia Orozco, Laurentian University, Canada

Moustapha Soumahoro, Laurentian University, Canada

Dionysis Skarmeas, Athens University of Economics and Business, Greece

Carlos Costa, University of Aveiro, Portugal

Michele Thornton, State University of New York at Oswego, USA

Gokce Ozdemir, Yarar University, Turkey

Dimitrios Belias, Technological Educational Institute of Thessaly, Greece

Anastasios E. Politis, University of West Attica, Greece

Andreas Chatzidakis, Royal Holloway, University of London, UK

Ashraf Darwish, Helwan University, Egypt, Scientific Research Group in Egypt (SRGE)

Abo Ella Hassanien, Cairo University, Egypt, Scientific Research Group in Egypt (SRGE)

Charalampos A. Tziogas, Aristotle University of Thessaloniki, Greece

Naoum K. Tsolakis, Centre for International Manufacturing, University of Cambridge, UK

Andreas Papatheodorou, University of the Aegean, Greece

Sotirios Varelas, University of Peloponnese, Greece

Prodromos Yannnas, University of West Attica, Greece

Eirini Samanta, University of West Attica, Greece

xiv Conference Details

Prokopios Theodoridis, University of Patras, Greece

Antigone G. Kyrousi, Deree—The American College of Greece

Jashim Khan, University of Surrey, UK

Konstantinos Fouskas, University of Macedonia, Greece

Maro Vlachopoulou, University of Macedonia, Greece

Manuela Guerreiro, University of Algarve, Portugal

Meng Tao, Dongbei University of Economics and Finance, Dalian China on the scientific committee

Athanasios Koustelios, University of Thessaly, Greece

Labros Sdrolias, Technological Institute of Thessaly, Greece

Manthos Delis, Montpellier Research in Management, France

Olga Tsakirides, National Center for Social Research, Greece

Vasiliki Vrana, Technological Education Institute of Western Macedonia, Greece

Dr Jose Vargas Hernandez, Universidad de Guadalajara

Sofia Asonitou, University of West Attica, Greece

Victor-Alexandru Briciu, Transilvania University of Brasov, Romania

Dimitrios Stavroulakis, University of West Attica, Greece

Florin Nechita, Transilvania University of Brasov, Romania

Felicia Constantin, University of Oradea, Romania

Alexandros Sahinidis, University of West Attica, Greece

Ioannis Paliokas, Centre for Research and Technology Hellas, Greece

Anestis Fotiadis, College of Communication and Media Sciences, ZAYED University, United Arab Emirates

John Filos, Professor, Panteion University, Greece

Nancy Papalexandris, Athens University of Economics and Business Greece

Spyridon Nomicos, University of West Attica, Athens, Greece

Barry A. Friedman, State University of New York at Oswego, USA

Dionysia Frangou, University of West Attica, Athens, Greece

Maria Tsirintani, University of West Attica, Greece

Asli D.A. Tasci, UCF Rosen College of Hospitality Management, USA

Suniti Bandaranaike, James Cook University, Singapore

Pinelopi Athanasopoulou, University of West Attica, Greece

Cevser Kinar, Necmettin Erbakan University, Selcuklu/Konya, Turkey

Dorothea Papathanasiou-Zuhrt, Hellenic Open University, Greece

Aldo Di Russo, Artifactory, Italy

### **ORGANISING COMMITTEE**

Scientific Research Committee, University of West Attica, Greece

Diamantis Kitridis, Citrine Marketing Communications, Greece

Kelly Kyriakidou, Evaggeliki Sxoli Smirnis, Greece

Richard Rutter, University of East Anglia, UK

Radoslaw Pyrek, Malopolska School of Economics, Tarnow, Poland

Conference Details xv

Ioannis Drivas, Independent Researcher, Greece Sotiris Varelas, Neapolis University of Pafos, Greece Konstantinos Hatsidis, Citrine

Eleni Makarona, Institute of Nanoscience and Nanotechnology, NCSR "Demokritos", Greece

Thanos Atheras, University of West Attica, Greece Michalis Lekos, University of West Attica, Greece Georgia Paparoidami, Independent Researcher, Greece Constantinos Chytas, University of West Attica, Greece Dina Dimitrantzou, University of West Attica, Greece Athina Mountzouri, University of West Attica Greece Evagelos Zaftis, University of the Aegean, Greece Foteini-Maria Arnaoutaki, University of the Aegean, Greece Isidora Makrinou, University of the Aegean, Greece

### **Invited Speakers**

Andreas Papatheodorou, University of the Aegean, Greece Anthony Gortzis, President, European Business Ethics Network (EBEN)

### Acknowledgements

We would like to thank all members who participated in any way in the ICSIMAT 2019 and especially:

- The famous publication house SPRINGER for their communication sponsorship
- The co-organizing universities and institutes for their support and development of a high-quality conference at scientific level and profile
- The members of the scientific committee that honored the conference with their presence and provided a significant contribution to the review of papers as well as for their indications for the improvement of the conference
- All members of the organizing committee for their help, support and spirited participation before, during and after the conference
- The session organizers for their willingness to organize sessions of high importance and for their editorial work, contributing in the development of valued services to the conference

### **Contents**

Stephen J. Havlovic	1
From a Smart City to a Smart Destination: A Case Study	7
Smart Tourism Approaches Through Intelligent Print Media	15
Smart Tourism Prospects: A Descriptive Sample Survey on a Sample of Potential Tourists	23
Intelligent Packaging as a Dynamic Marketing Tool for Tourism  Athina Mountzouri, Apostolos Papapostolou, and Spyridon Nomikos	31
Intelligent Ticket with Augmented Reality Applications for Archaeological Sites	41
Visualization of Folk-Dances in Virtual Reality Environments	51
Internal Customer Satisfaction from an e-Procurement Information System: The Case of Greek Electronic Public Procurement System (ESIDIS)	61
Nikolaos Bitzidis, Sotirios Dimitriadis, George Karavasilis, Evangelos Kehris, and Vasiliki Vrana	
Mapping Island Tourism Research	71
Human Resources Role in Hospitality Service Quality	81

xx Contents

The Role of Fellow-Feelings and Organisational Harmony to Organisational Performance: A Comparative Analysis Between Two National Contexts	9:
Jashim Khan, Vivi Maltezou, Eddy M. Sutanto, and Meng Tao	<i>)</i>
Cultural Identity, Innovation and Entrepreneurship	10
A Model of Brand Cocreation, Brand Immersion, Their Antecedents and Consequences in Café Brand Context Fulya Acikgoz and Asli D. A. Tasci	11
City Branding: Proposal of an Observation and Analysis Grid Ezzohra Belkadi	12
City Branding of Casablanca in Morocco	129
Gender Differences in Satisfaction from Hotel Room Attributes and Characteristics: Insights from Generation Z  Aikaterini Stavrianea, Irene Kamenidou, and Evangelia Zoi Bara	139
Renewable Energy Matters for Tourism Industry in BRICS Plus Turkey Countries.  Elma Satrovic, Adnan Muslija, and Eda Yasa Ozelturkay	14
Determining of Customer's Kansei Needs and Product Design Attributes by Rough Set Theory.  Emel Kizilkaya Aydoğan, Esra Akgul, Yilmaz Delice, and Cem Sinanoglu	159
Transformative Role of Work-Integrated Learning in Industrial and Post-Industrial Society: The Russian Experience  Natalya Totskaya and Natalia A. Bogdanova	16
What Competencies Should Be Developed in Citizenship Education in the Twenty-First Century? Analysis of Being Active Citizens in Europe and the US	179
Josélia Fonseca and Teresa Borges-Tiago	
Technologies to Communicate Accounting Information in the Digital Era: Is Accounting Education Following the Evolutions?  Sofia Asonitou	18
Environmental Sensitivity of Business School Students and Their Attitudes Towards Social and Environmental Accounting	19
A Comparative Approach of E-Learning Accounting Programs in Greece and China	20

on Entrepreneurial Intention	215
Alexandros G. Sahinidis, Panagiotis A. Tsaknis, Eleni Gkika, and Dimitris Stavroulakis	213
Redefining City Experiences and Thematic City Walks: The Case of "Thessaloniki Walking Tours"	225
Setting the Ground for Successful Film Tourism Practices in Greece: A SWOT Analysis	235
Selective Key Studies in Seasonality Tourism: A Literature Review Sofia Gkarane and Chris Vassiliadis	247
Importance of Teacher Training Incorporating Sustainability in their Subjects from the Life Cycle Approach in Higher School of Computation (ESCOM-IPN)  Valery Viridiana Garibay Huerta, Juan Jesus Gutiérrez García, and Mónica Martínez Zamudio	257
Tourism in Mexico and the Use of Cultural Heritage as a Commodification's Product	265
Proposal of Training in Topics for the Curriculum Sustainability of the Program of Engineering in Systems of the Escuela Superior de Cómputo of the Instituto Politécnico Nacional, México	273
Customer Based Brand Equity Models in Hotel Industry: A Literature Review  Kevser Çınar	281
Determinants of ICT Integration by Teachers in Higher Education in Morocco  Mounir Elatrachi and Samira Oukarfi	289
Experiential Development and Cultural Tourist, Through the Example of the Settlement "Katomera" in Trikeri in the Prefecture of Magnesia Dionysia Fragkou and Garifallia Gerogianni	301
Sense of Place, Identity and Memory as Elements of the Design for Tourism	311
Anna Efstathiou	

xxii Contents

Analysis of Human Motion Based on AI Technologies: Applications for Safeguarding Folk Dance Performances  Nikos Grammalidis, Iris Kico, and Fotis Liarokapis	321
Higher Education and Innovation in the Non-profit Sector	331
Marketing Decisions of Young Product Designers: A Study in the University Environment in the Czech Republic	341
Attractiveness of Small Cities in Rural or Abandoned Regions  Lenka Lizbetinova and Vladimir Nyvlt	349
Mental Maps and Their Potential for Tourism: A Case Study of Czech Municipality  Vladimír Nývlt and Lenka Ližbetinová	357
Online Engagement Factors on Posts in Food Facebook Brand Pages in Greece Ioannis Antoniadis, Symeon Paltsoglou, Georgios Vasios, and Panagiotis Kyratsis	365
Blockchain Applications in Tourism and Tourism Marketing: A Short Review Ioannis Antoniadis, Konstantinos Spinthiropoulos, and Stamatis Kontsas	375
Comparisons of Health Tourism Within the EU Countries	385
Contemporary Telemedicine Applications in the Provision of Mental Health Services in Greece	393
Perceptions of Hospital Quality: A Case Study from Greece	403
The Wine Lab Project Exploring the Views from Experts	411
Impression Management Through Websites: An Analysis of the Romanian Banking Industry	417
Participatory Culture and Tourist Experience: Promoting Destinations Through YouTube	425

Contents xxiii

Designing the Virtual Product Experience: Learnings from Shenzhen, China and the ESUN Solutions Arabela Briciu and Victor-Alexandru Briciu	435
Social Networking Sites: The New Era of Effective Online Marketing and Advertising Christos Papademetriou, Andreas Masouras, and Avgoustinos Ioannou	443
Winery Visitors' Experience, Emotional Stimulation, Satisfaction and Behavioral Intentions: The Role of Age and Previous Experience	449
Ifigeneia Leri and Prokopis Theodoridis  Factors That Influence Tourist Satisfaction: An Empirical Study	
in Pafos	459
Cyber-Citizenship: A Challenge of the Twenty-First Century Education  Josélia Fonseca and Hugo Bettencourt	467
Turkish Gen Y Customers' Visit Intentions and Word of Mouth Activities Regarding Online Travel Agencies  Yigit Sebahattin Bozkurt and Emel Yarimoglu	475
Exploiting Human Cognitive Architecture to Design a New Cultural Narrative for Non-captive Audiences: The TOURIBOOST Project Dorothea Papathanasiou-Zuhrt, Aldo Di Russo, and Kevser Cinar	483
Creating a Personalised Experience for Libraries' Visitors	491
Strategic Planning to Promote the Cultural Heritage. The Business Model Canvas for the Kapodestrian Buildings of the Island of Aegina, Greece	499
Social Media Activism on Cultural Tourism: A Proposal for Paleochora in Aegina, Greece	511
The Role of Market Segmentation and Target Marketing Strategies to Increase Occupancy Rates and Sales Opportunities of Hotel  Enterprises	521
Climate Change and Cultural Heritage Case Study: The Island	<b>52</b> 0
of ChiosOlga Tsakirides and Sofia Theofanidi	529

xxiv Contents

Relationships Among National Tourist Destination Arrivals, Effective Governance, Environmental Performance, and Human	
Development	541
Industrial Design in Event Tourism Marketing: The Case of Thessaloniki International Film Festival Pavilion	549
<b>Keep It Smart and Sustainable: A Bibliometric Analysis</b>	557
Sustainable Tourism in Europe from Tourists' Perspectives	565
Employer Branding: Innovative Human Resource Practices in Tourism Sector	575
Optimal Feature Selection for Decision Trees Induction Using a Genetic Algorithm Wrapper - A Model Approach	583
Analyzing the Brand Personality of Athens	593
Sport Motivation in Outdoor Sport Activities	601
Residents' Perceptions of Tourism Impact on Local Economic Development During the Economic Crisis: The Case of Kavala  Alexios-Patapios Kontis, Maria Doumi, Anna Kyriakaki, and Konstantinos Mouratidis	609
Taxonomy of Supervised Machine Learning for Intrusion Detection Systems  Ahmed Ahmim, Mohamed Amine Ferrag, Leandros Maglaras, Makhlouf Derdour, Helge Janicke, and George Drivas	619
A Detailed Analysis of Using Supervised Machine Learning for Intrusion Detection  Ahmed Ahmim, Mohamed Amine Ferrag, Leandros Maglaras, Makhlouf Derdour, and Helge Janicke	629
Multispectral Monitoring of Microclimate Conditions for Non-destructive Preservation of Cultural Heritage Assets  Nikolaos Bakalos, Nikolaos Doulamis, and Anastasios Doulamis	641

Contents xxv

Ancient Digital Technologies Using ICT Tools  Anastasios Doulamis, Nikolaos Doulamis, Ioannis Rallis, and Ioannis Georgoulas	647
Greek Traditional Dances 3D Motion Capturing and a Proposed Method for Identification Through Rhythm Pattern Analyses	
(Terpsichore Project)  Efthymios Ziagkas, Panagiotis Stylianidis, Andreas Loukovitis,  Vasiliki Zilidou, Olympia Lilou, Aggeliki Mavropoulou,  Thrasyvoulos Tsiatsos, and Styliani Douka	657
Greece, Tourism and Disability	667
Turning a Problem into an Opportunity Through Tourism and Marketing: The Case of Wild Rabbits in Lemnos Island, Greece Georgios K. Vasios, Ioannis Antoniadis, Yiannis Zevgolis, Costantinos Giaginis, and Andreas Y. Troumbis	677
A Systematic Literature Review on E-Commerce Success Factors  Konstantinos Fouskas, Olga Pachni-Tsitiridou, and Chrysa Chatziharistou	687
Influencer Versus Celebrity Endorser Performance on Instagram  Deniz Zeren and Nilüfer Gökdağlı	695
Displaced Due to Conservation and Tourism in the Heart of India:  A Review of the Relevant Policies  Zilmiyah Kamble, Pragati Kelkar, and Abhishek Bhati	705
Review of Social Media's Influence on Airbnb Accommodation's Booking Intention	715
Zilmiyah Kamble, Suchittra Namnuad, Nguyen Hoang Phuong, Nguyen Dinh Tuan, and Nguyen Hong Hanh	/13
Blockchain Technology: A Case Study from Greek Accountants  Stamatios Ntanos, Sofia Asonitou, Dimitrios Karydas, and Grigorios Kyriakopoulos	727
University Pedagogy in Greece: Pedagogical Needs of Greek Academics from Ionian University Georgia Rotidi, Katerina Kedraka, Efrossini-Maria Frementiti, and Christos Kaltsidis	737
Experiencing a Museum After Dark: The Practice of 'Lates' in the Industrial Gas Museum of Athens  Anastasia Doxanaki, Katerina Dermitzaki, Kali Tzortzi, Maria Florou, and Despoina Andriopoulou	745
Culture as an Instrument of Mass Construction  Dorothea Papathanasiou-Zuhrt, Aldo Di Russo, and Kevser Cinar	755

xxvi Contents

Travel and Tourism Competitiveness of Economies Around the World Using Rough SWARA and TODIM Method  Emel Kızılkaya Aydoğan and Mihrimah Özmen	765
E-commerce Success Factors: A Taxonomy and Application in the Fashion Industry  Konstantinos Fouskas and Chrysa Chatziharistou	775
Linking Luxury Brand Experience and Brand Attachment Through Self-Brand Connections: A Role-Theory Perspective Eirini Koronaki, Prokopis K. Theodoridis, and George G. Panigyrakis	783
Revolutionizing Marketing in Tourism Industry Through Blockchain Technology	789
Consumers' Perceptions of Gender-Neutral Advertising:  An Empirical Study	799
The Contribution of New Construction Technologies to Interactivity, Flexibility and Personalization in Hospitality Design, as Explored in Student Projects  Stavros Vergopoulos and Anna Efstathiou	805
Exploring the Mediating Role of Interactivity Between Content Engagement and Business Performance in a Mobile-Marketing Strategy: A Quantitative Research in a Business-to-Business Context Gerasimos Ntarlas and Despina A. Karayanni	815
The Strategic Use of Social Media in the Business-to-Business Context. Two Social Media Users' Clusters Gerasimos Ntarlas, Athina Ntavari, and Despina A. Karayanni	825
Examination of the Current Literature on How Robots Can Contribute on Hotel Service Quality Dimitrios Belias	835
Teaching Critical Thinking Through Tourism Advertising	843
Analysis Based on the Hotel Industry, the Lodging Market in Mexico: The Posadas Case	853

Organizations: The Case of Job Satisfaction at Chios Police Department	861
Maria Salamoura, Viktoras Ntamposis, and Eleni Gaki	001
Tourists' Perceptions and Intended Behavior Thanks to Celebrity Endorsement: Antetokounmpo Invites You to Santorini with Aegean Airlines	871
•	881
Strategic Management and Art Museums: The Case Study of the Historical Museum of the University of Athens Evangelos Papoulias and Theoklis-Petros Zounis	889
The Importance of the Training of Professionals Related to Tourism with Full Knowledge of the Heritage of Mexico: Case Study of the Higher School of Tourism of the National Polytechnic Institute	899
Nautical Tradition and the "Aquaman" Case: The "Hidden" Source of Inspiration from the Greek Cultural Heritage of the Sea	909
Determinants That Influenced Mexican Cocoa Beans Exports  During 1996 –2016	917
MIT Start-Ups Ecosystem and Greek Start Ups Reality: An Ecosystem Comparison	925
Analysis of Factors for the Increase Foreign Tourism to Michoacán,  México	931
Research Methods on the Contribution of Robots in the Service	939
The Contribution of Wine Tourism in the Development of Rural  Areas in North Greece	947

xxviii Contents

Assessing the Competitiveness of Greek Coastal Destinations	957
Internal Marketing on the Tourism Sector: Examination of How the Staff Can Develop on Greek Hotels	963
Exploratory Study of the Impact of Significant Ecotourism Experience on Voluntary Carbon-Offset Behaviour of Young Travellers in Their Long-Haul Air Travel Choices  Alan Lee and Tay Koo	971
Greek Embassies on Twitter and the Quest for a Strategy	981
Knowledge Management on Hotels: The Case of Greek Hotels  Lambros Vasiliadis, Dimitrios Belias, and Evangelos Zaftis	991
What Can the TripAdvisor Tell Us About the Complaints Management Strategies? The Case of the Greek Hotels Dimitrios Tsiotas, Spyros Niavis, Dimitrios Belias, and Labros Sdrolias	999
Towards an Understanding of Temporary Exhibitions Through Visitor Research Katerina Koukouvaou and Kali Tzortzi	1007
The Touristic Upgrade Through Preservation and Respect of Environmental and Cultural Heritage: The Ayasi Project Emily Papapetrou and Ioanna Chatzistamatiou	1017
Visual Communication, the Evolution of Greek Tourism  Development as Represented by GNTO Posters  Chara Agaliotou, Loukia Martha, and Maria Vrasida	1025
The Use of Social Media on Board: A Comparison Study Throughout Deck and Engine Cadets of Merchant Marine Academy of Macedonia, Greece Maria G. Vassiliadou and Charalampos G. Yakinthos	1035
Impact of Seasonality on the Management of Tourist Accommodation Establishments in the Azores  Flavio Tiago, João Couto, Diana Verissimo, Sandra Faria, and Teresa Borges-Tiago	1043
Exploring the Relationship of Physician Practice Characteristics with Patient's Therapeutic Experience: An Exploratory Quantitative Research	1053

Contents xxix

The Effects of Workplace Well-Being on Individual's Knowledge Creation Outcomes: A Study Research Among Hotel Employees  Maria Koutiva, Dimitrios Belias, Ilias Flampouras Nietos, and Athanasios Koustelios	1063
The Value of Cultural Routes in Greece: Examination of the Current Situation	1073
Developing a Tourism Destination Through Gastronomy Branding	1083
Personality Type and Career Preferences Among Young Adults in Post-Recession Greece  Alexandros Sahinidis, Eleni Gkika, Panagiotis A. Tsaknis, and Dimitris Stavroulakis	1089
Dominance of Tourism Marketing Channels in the Global Travel and Tourism Industry: A Financial Market Perspective	1097

## **European Works Councils in the Airline Industry**



1

Stephen J. Havlovic n

Abstract European Works Councils (EWCs) have been present in most of the large airline carriers in the European Economic Area (EEA) since EWC Directive 94/45/EC in the mid 1990s. As privatization of the national EEA airlines and increased competition have occurred, the number of airline EWC agreements has decreased. There are now only three EEA major multinational airline groups with EWC agreements (Air France KLM; Lufthansa Group; International Airlines Group). The two EEA major discount airlines (Ryanair and easyjet) have recently added EWCs, but copies of these agreements are not available for analysis. Labour conflicts have plagued the EEA airline industry for the past three decades which has created work environments of low trust and frequent strikes. Until pay equity and working condition issues are resolved within the EEA airline conglomerates, it is unlikely that their EWCs will be able to contribute effectively to improving organizational outcomes.

**Keywords** European · Works councils · Airlines

### 1 Introduction

This paper aims to fill a void in the literature by providing a qualitative analysis of the airline EWC agreements in the European Trade Union Institute (ETUI) database [1]. EWCs have existed in most of the major European Union (EU) airlines since EWC Directive 94/45/EC took effect in 1996. "The EWC legislation covers MNCs [multinational corporations] which employ at least 1000 workers in the EU/EEA and, at the same time, at least 150 staff in two or more Member States" [2]. The intent being to improve transnational airline operations in Europe by sharing firm information and consulting with their EU/EEA employee representatives. Many of

the national airlines have discontinued their original stand alone EWCs because of mergers (e.g., Iberian, KLM) and acquisitions (e.g., Aer Lingus, Alitalia). Most of the large European air carriers are now covered by EWC agreements of the new MNC airline conglomerates. There is also evidence that two of the major discount airlines (easyJet in 2011 and Ryanair—date unconfirmed) have also recently established EWCs, but copies of their EWC agreements are not available to ETUI which maintains the EWC database [1].

### 1.1 Select Committees

The establishment of a Select Committee (SC) within the EWC is encouraged by the Directive for firms such as airlines with large EWCs. A study by Marginson et al. found that 62% of all EWC agreements had SCs. They discovered that over half the SCs had responsibilities involving EWC communication, liaison, coordination, meeting preparation, and setting the meeting agenda [3].

### 1.2 Labour Conflict in European Airlines

In spite of the major European airlines operating with EWC consultations there have been considerable union-management conflicts and strikes in the European airline industry [4]. Privatization of the national airlines in Europe and increased competition from both start-up discount airlines (e.g., easyJet) and non-European international carriers (e.g., Emirates) have contributed to wage disputes and tensions over airline reorganizations [5]. The following are recent examples of European airline labour disputes. "Dutch airline KLM ... lashed out at its partner Air France for allowing a 'destructive strike' ... that threatens to disrupt travel to France during the Euro 2016 football championship" [5]. British Airways' cabin crews planned to strike on December 25 and 26, 2016 over a two-tiered pay scale that pays recent hires less than crew hired pre-2010 [6]. In April 2019, Aer Lingus Regional cabin crew staff threatened strike action during Easter over pay and working conditions [7].

### 2 Characteristics of Airline EWCs

The ETUI website and EWC database were utilized to download copies of the airline EWC agreements and information on their organizations [1, 2]. A qualitative analysis was conducted of this information which is presented and discussed in Sects. 2 (characteristics) and 3 (Scope) of this paper. As can be seen in Table 1, there are three European airline conglomerates (Air France—KLM; Lufthansa Group;

 Table 1 Characteristics and scope of Airline European Works Council agreements [1]

	Air France KLM	Lufthansa Group	International Airlines Group
Role of the EWC			
Information and consultation	X	X	X
Giving opinion/comments	X	X	X
Making recommendations	X	_	X
EWC Composition	n/a	Employee	Joint
Select Committee	Yes (7)	Yes (2)	Yes (7)
Competences of the EW	C		
Economic and financial situation of the company	X	X	X
Corporate strategy and investment	X	X	X
Changes to working methods/organisation	X	X	X
Probable development of the business, production and sales	-	X	X
Employment situation and forecasts	X	X	X
Mergers, take-overs or acquisitions	X	X	X
Collective redundancies	_	X	X
Company structure	X	X	X
Closures or cutbacks	_	X	X
Equal opportunities	_	_	X
Health and safety	_	X	X
Environmental protection	_	X	_
Reorganisation of production	_	X	X
Transfers/relocation	X	X	X
New technology policy	_	_	-
Corporate social responsibility	_	_	_
Human resource management practices	_	_	-
Vocational training	_	_	_
Subsidiary and Partner Airlines	Martinair, Transavia	Austrian, Brussels, Dolomiti, Eurowings, Edelweiss, Swiss Air, Sun Express	Aer Lingus, British Airways, Iberian, LEVEL, Vueling

<sup>&</sup>lt;sup>a</sup>EWC agreements analyzed by ETUI except IAG which was analyzed by the author

4 S. J. Havlovic

and International Airlines Group) that have EWCs covering some 17 airlines. It is surprising that Scandinavian Airlines (SAS) does not have an EWC given the tradition of industrial democracy in the Nordic countries.

### 2.1 Air France KLM

Air France KLM has operations in 16 EEA-EFTA (European Free Trade Association) and EU candidate countries. An Air France KLM EWC agreement in 2010 replaced their earlier individual company EWC agreements. Their EWC currently operates under a 2014 updated agreement which states that "... management and employee's representatives will seek to ensure the effectiveness of the Group's enterprises while also taking their employees into account. Particular attention will be paid to issues relating to employment, working conditions, health, safety, training, mobility, diversity and equal opportunities." The Air France KLM EWC has 33 representatives from 25 countries with France and the Netherlands having proportionately more members given the larger number of employees in these two countries. The EWC meets twice per year and the SC meets a minimum of three times per year. French, Dutch and English are the working languages of the EWC. In 2017, the total Air France KLM EEA workforce was 80,148 employees [1, 8].

### 2.2 Deutsche Lufthansa AG

Deutsche Lufthansa AG (Lufthansa) established an EWC agreement in 1996 which now covers the Lufthansa Group which has eight airlines including Austrian and Swiss Air. As of 2017, the Lufthansa Group has an EEA workforce of 83,817 in 22 EEA-EFTA and EU candidate countries. The Lufthansa EWC does not have a set number of meetings per year. The EWC agreement is only four pages long and does not provide a lot of detail in terms of procedures or membership. However, the Lufthansa EWC agreement states the intention that: "The information and consultation must occur early enough that the opinion of the responsible employees' representation bodies can still be included in DLH's decisions" [1, 9].

### 2.3 International Airlines Group

International Airlines Group (IAG) created their EWC in 2014 with the merger of British Airways, Iberia Airlines and Vueling. Aer Lingus was purchased by IAG and in 2017 a new EWC agreement was signed. IAG has operations in 24 EEA-EFTA and EU candidate countries with 37 EWC representatives (3 from Ireland, 5 from Spain, 8 from the UK, and 1 each from the other IAG countries) for 51,426