Tourism 4.0 Trend

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Abstract

Digital tourism promotes tourism products and the creative economy through technology-based or digital platforms. This research was conducted descriptively based on SCOPUS.COM data, where researchers obtained 203 documents whose article titles were digital tourism for the last ten years. Global digital tourism especially in East Java, Indonesia, is increasing nowadays. The UK has had the most research articles on digital tourism over the past ten years, followed by China and Indonesia. Al Farabi National University Kazakh (Kazakhstan) has the most research articles on digital tourism, followed by Hochschule Aalen (Germany), Instituto Politécnico do Porto (Portugal), and Universiti Tun Hussein Onn Malaysia. The fields of study in Business, Management, and Accounting are the favorites for research articles on digital tourism, followed by the areas of study in Computer Science and Social Sciences. The European Commission has the most research funding sponsors on digital tourism, followed by the European Regional Development Fund and the Russian Foundation for Basic Research.

Keywords
Digital tourism, creative economy, tourism products, Indonesia

1. Introduction

Digital tourism promotes tourism products and the creative economy through technology-based or digital platforms. This research was conducted descriptively based on scopus.com data, where researchers obtained 203 documents whose article titles were digital tourism for the last ten years. Scopus has more than 75 million records, 68 million post-1970 records, including references, and 6.5 million pre-1970 records. Since 1788, there have been more than 8.5 million Open Access articles, 9 million Conference papers, 24,600 active titles, 23,500 peer-reviewed journals, of which 4,000 are Gold Open Access. In addition, Scopus also includes 740 book series, 300 trade publications, and more than 8,000 articles that have been accepted for publication from international publishers, such as Cambridge University Press and the Institute of Electrical and Electronics Engineers (IEEE) of more than 94,000 books. Scopus' coverage comprises monographs, edited volumes, key reference works, and graduate-level textbooks, focusing on the social sciences, arts & humanities and covering science, and technology & medicine (STM). (M.I. Setiawan, Abdullah, Lestari, & Yuniningsih, 2019).
2. Literature Review
Based on years 2018-2020 research papers that include:

Researchers get information that global digital tourism in East Java, Indonesia, is increasing nowadays from the above reference. Also, logistic management, supplier selection and supply chain planning, and sustainability support the tourism business in Indonesia. Modular design and supply chain agility help the maritime and tourism industry in Indonesia. Tourism, Accommodations, Food Services, and Regional GDP improves as well.

3. Methods and Data Collection
Digital tourism promotes tourism products and the creative economy through technology-based or digital platforms. This research was conducted descriptively based on scopus.com data, where researchers obtained 203 documents whose article titles were digital tourism for the last ten years. Scopus has more than 75 million records, 68 million post-1970 records, including references, and 6.5 million pre-1970 records. Since 1788, there have been more than 8.5 million Open Access articles, 9 million Conference papers, 24,600 active titles, 23,500 peer-reviewed journals, of which 4,000 are Gold Open Access. In addition, Scopus also includes 740 book series, 300 trade publications, and more than 8,000 articles that have been accepted for publication from international publishers, such as Cambridge University Press and the Institute of Electrical and Electronics Engineers (IEEE) of more than 94,000 books. Scopus' coverage comprises monographs, edited volumes, key reference works, and graduate-level textbooks, focusing on the social sciences, arts & humanities and covering science, and technology & medicine (STM) (M.I. Setiawan, Abdullah, Lestari, & Yuniningsih, 2019). Mode of analysis uses (1) research country documents; (2) affiliation documents; (3) affiliation documents; and (4) funding sponsor documents.
4. Results and Discussion

First, the results obtained are in the form of state research documents. Researchers obtained 27 documents from England, China 23, Indonesia 21, Russian Federation 16, Italy 16, Portugal 12, Malaysia 12, Spain 12, United States 10, Kazakhstan 9, Germany 7, and Japan 7 documents. The UK has had the most research articles on digital tourism over the past ten years, followed by China and Indonesia.

Second, the researcher obtained affiliation documents. The documents obtained were from Al Farabi Kazakh National University 5 documents. It was then followed by Hochschule Aalen 4, Polytechnic Institute of Porto 4, Universiti Tun Hussein Onn Malaysia 4, Kookmin University 3, USI - Universita' Della Svizzera Italiana 4, the Nanjing University of Aeronautics and Astronautics 3. Lastly, researchers found 3 documents each from Plekhanov Russian University of Economics, Volgograd State University, Prifysgol Metropolitan Caerdydd, Instituto
Politécnico do Porto, and Escola Superior de Hotelaria e Turismo. Al Farabi National University Kazakh (Kazakhstan) has the most research articles on digital tourism, followed by Hochschule Aalen (Germany), Instituto Politécnico do Porto (Portugal), and Universiti Tun Hussein Onn Malaysia.

Documents by affiliation

Figure 3. the documents of the affiliation

Figure 3 above shows the SCOPUS.COM the documents of the affiliation about Global Digital Tourism Research

Third, researchers obtained 63 documents in the field of Business, Management, and Accounting. It was followed by Computer Science 62 documents, Social Sciences 62, Engineering 45, Environmental Science 26, Decision Science 18, Economics, Econometrics and Finance 14, and Arts and Humanities 10 documents. The fields of study in Business, Management, and Accounting are the favorites for research articles on digital tourism, followed by the areas of study in Computer Science and Social Sciences.

Documents by subject area

Figure 4. the documents of the subject area

Figure 4 above shows the SCOPUS.COM the documents of the subject area about Global Digital Tourism Research
Finally, researchers obtained funding sponsor documents. The documents obtained were from the European Commission as many as six documents, the European Regional Development Fund 4, the Russian Foundation for Basic Research 4, the Fundação para a Ciência e Tecnologia 3, the Ministério da Educação e Ciência 3, and the National Natural Science Foundation of China 3 documents. The European Commission has the most research funding sponsors on digital tourism, followed by the European Regional Development Fund and the Russian Foundation for Basic Research.

Figure 5 above shows the SCOPUS.COM the documents of the funding sponsor about Global Digital Tourism Research

5. Conclusion
Digital tourism promotes tourism products and the creative economy through technology-based or digital platforms. This research was conducted descriptively based on SCOPUS.COM data. Researchers obtained 203 documents whose article titles were digital tourism for the last ten years. The UK has had the most research articles on digital tourism over the past ten years, followed by China and Indonesia. Al Farabi National University Kazakhstan (Kazakhstan) has the most research articles on digital tourism, followed by Hochschule Aalen (Germany), Instituto Politécnico do Porto (Portugal), and Universiti Tun Hussein Onn Malaysia. The fields of study in Business, Management, and Accounting are the favorites for research articles on digital tourism, followed by the areas of study in Computer Science and Social Sciences. The European Commission has the most research funding sponsors on digital tourism, followed by the European Regional Development Fund and the Russian Foundation for Basic Research. So global digital tourism research, is increasing nowadays.

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