

## Sustainable tourism development from the perspective of digital communication

Achmad Yanu Alif Fianto<sup>1\*)</sup>, Novan Andrianto

<sup>1</sup>*Business School, Universitas Dinamika*

<sup>2</sup>*School of Design and Creative Industry, Universitas Dinamika*

98 Kedung Baruk, Surabaya, East Java, Indonesia

Email: ayanu@dinamika.ac.id, Phone Number: +6287855389879

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**Abstract** Tourism-related enterprises around the globe are shifting more towards environmentally friendly services. This research provides a theoretical discussion and aims to assess the continuous digital communication activities of tourism business players tiny and medium-scale companies and give an overview of their existence in digital communication technology. This research focuses on determining the concept and various sustainable performance indicators. The data were collected directly from official websites, accommodation booking applications, and social media. This research adopts a matrix dimension to build a database and analyse the meaning of words in the relationship between meeting visitor needs, service quality, cultural wealth, community welfare, and resource efficiency. The research uses the Partial Least Square-Structural Equation Model (PLS-SEM) approach to test the model that has never been stretched and grouped using heterogeneous techniques. The findings revealed that foreign credentials were less adaptable for local credentials than one-off credentials and that fewer enterprises rate eco-labels on online advertising. The rate of participation of society on the platform was seen to be more complex and intellectual. This research is one of the first to investigate the resilience mechanism in the tourism industry firms. It is anticipated that this research would encourage more studies on the principle of contact and the quality of SME strategies in hospitality and contribute to the drive to facilitate broader acceptance of managerial implications.

**Keywords:** sustainable tourism development; digital communication; small-medium enterprises.

\*) Corresponding Author

## INTRODUCTION

Many people have debated the subject of 'sustainable tourism' for some time now, with the concept existing as far back as the late 80s (Tiago et al., 2020). Travelling as a visitor has been increasingly sustainable because this holiday style considers nature and ecotourism (Okazaki, 2008; Regmi and Walter, 2016; Ziegler et al., 2019). In other terms, sustainable development is indeed not a settled region but is one that is continuously evolving (Argenton, 2015; Škare, Soriano and Porada-Rochoń, 2020; Sharma, Thomas, and Paul, 2021). An attempt was made to categorise topics into mutually exclusive and separate growth choices for two classes of citizens (Tiago et al., 2020). The first category was that of the new generation of people who are examining progress and viability. The second group was the potential generations, who will have ownership of this mechanism.

Because of the introduction of sustainable tourism, there has been a range of variations in the aspects in which sustainable tourism is discussed in various areas of the world (Christou et al., 2019). A similar thread of all these explanations believes that regardless of the vocabulary used to characterise the Sustainable Tourism Development (STD). It must preserve the fiscal, societal, and environmental equilibrium of a region for an indefinite duration (Tiago et al., 2020). To improve awareness of the scheme's interdependencies, we would have first to explore the core interpretations.

Tourism in the context has been expanded to refer to the tourism sector. The term 'sustainability' is used to refer to both ecological and social aspects. Meanwhile, the term 'development' refers to both an initial stage and a phase of growth. The idea of sustainable growth, commonly known as tourism, is contextualised into the tourism ecosystem, keeping in mind that the triple bottom line dimensions are the central foundations of sustainability.

There are numerous problems in the hospitality business when it comes to tourist destinations. These issues adhere to the right eco laws that operate the attraction and lose out on the advertisement income to generate profits to the attraction. Thus, STD is not just a single problem. Throughout the sense of island tourism, this can be viewed as a vital factor that needs to be integrated into sustainability communications activities. Some scholars find that the interactions of tourism development goods from either the marketing point of view barely go beyond a top-down strategy, neglecting the presence of the whole supply chain and input ties from tourism firms to suppliers (Tölkes, 2018; McCabe and Qiao, 2020; Khanra et al., 2021).

In this view, this research adopts the findings and results of research that has been carried out by Tiago *et al.* (2020) who also researches digital communication in the tourism sector. Nevertheless, the implementation is absent on two main arguments including whether policy initiatives are consistent with private firms' environmental sustainability; and whether private tourism firms interact on eco-labels

through a pollution cycle. The analysis mentioned above can give insight to a broader overarching query, which would be the former. Therefore, this study seeks to bridge the gaps in this article, and we took advantage of this linkage, which is a fantastic source of knowledge.

Diverse long-term sustainability characteristics such as local buying, history, and culture protection, as well as appropriate ecological governance, are included in these tourism offerings (Benur and Bramwell, 2015). In accordance with the concepts of tourism development, these alternate solution offerings are handled by favourably matching quality requirements with the demands of tourists, the tourism sector, as well as the societies in which they are offered (Tölkes, 2018). The goal of sustainable business communication is to raise consumer awareness of the presence of viable tourism offerings, to educate consumers on how these offerings satisfy their demands while also meeting sustainability initiatives, and eventually to encourage individuals to buy pro-environmental purchasing decisions (Reimer and Walter, 2013; Jones, 2019; Ziegler et al., 2019). Encouraging engaging interaction among businesses and stakeholders, sustainability communication seeks to improve openness regarding a company's sustainability involvement (Zapata et al., 2011; Reimer and Walter, 2013). The aim of sustainable development and business aims are achieved via an integrated and comprehensive perspective, which is reflected in the role of sustainability communication in a broader sustainable marketing plan (Okazaki, 2008; Reimer and Walter, 2013; Ziegler et al., 2019).

Communication on sustainability, on the other hand, is difficult (Tölkes, 2018). Because of the broad and ambiguous characteristics of the concepts of longevity and self-sustaining tourism, it is difficult for customers to recognize and comprehend the characteristics of sustainable products as well as the additional value they provide (Bilotta et al., 2020; Sharma, Thomas, and Paul, 2021). When combined with the intangible service features of travel goods, this complexity raises the unpredictability and risk involved with pro-sustainable purchase decisions as compared to traditional tourist reservations (Sándorová et al., 2020; Su, 2020). All these complexities are reflected in the present state of study and implementation in the field of sustainable communication. Marketing professionals and tourism academics alike are still learning how to create effective sustainability messages that inspire sustainable customer behaviour (Tiago et al., 2020). Even though effective sustainability communication is critical for the tourist sector, little research has been done on the theoretical underpinnings, influences, and consequences of this communication. This article fills a gap in the literature by providing the first comprehensive overview of research into sustainability communication in the tourist industry, which was previously unavailable.

Just a few empirical investigations of interdisciplinary research on tourism and communication perspective could back up the results with

theoretical foundations. Previous research lacks “real scientific knowledge” on how consumers’ information processing and communication affect the environment (Tiago et al., 2020). As this study shows that theory-led communication methods work best for long-term behavioural change, practitioners may benefit. Recent research has focused on formalising theory testing and connecting analysis development to theory. To keep up with the latest research, this study seeks to broaden the theoretical view by including more factors. A better understanding of information processing, communication implications, and message-recipient interactions would benefit everyone in communication studies, social psychology, and sociology. This information is essential for long-term marketing plan creation.

This study uses a variety of techniques to locate, summarise, and critically evaluate the existing literature on sustainability communication in tourism to give an overview of what is known and what is unknown. This article also reviews previous research on sustainability communication, including publications, research settings, communication routes, message components, results, methods, and theoretical underpinnings. The aim is to help academics and practitioners better understand how successful sustainability communication works. The objective is to identify essential study topics and knowledge gaps and guide future research in these areas. This article's results will be helpful to academics and practitioners alike. The methodological rigour of the analysis performed here is a reaction to the demand for high-quality research analysis, both of which this study addresses. Practitioners can use this knowledge synthesis to find solutions for how to build sustainability messaging technically.

This research can contribute not only to providing a critical perspective for policymakers but also to identifying the weak adoption of sustainable eco-labels in the digital communications of tourism businesses which raise more questions. This article is structured as follows the main problem studied in this research and the gaps of recent research findings which is mentioned above, then describe the principle of sustainable tourism perspective and sustainable tourism development. After that, the methodologies of this research are also mentioned and continued by results and discussions. In the end, the summary of the findings is structured in the conclusions part.

Tourism activities should take the position of ‘vision developers’ to predict and influence tourism development instead of existing ‘junkie’ positions (choose to pursue the bulk of others into a path, not of their interest). This article, focused on cognitive attitude to relationships, focuses on the position of the individual places, meaning that in each destination, due to its specific monetary, socio-cultural, and environmental aspects, each would need to be compensated too.

As many countries experienced in tourism, coastlines have become a magnet for people for many years (Tölkes, 2018; Corbau et al., 2019; Khanra et al., 2021). That is where people travel to get a break and

recover, as it is one of the areas where people go to experience (Fianto, 2018, 2020). Although hospitality is the primary sector on individual islands in the world, this can be threatening to accomplish the consistency of a societal, financial, and ecological goal on the same islands (Bandyopadhyay et al., 2009; Curcija, Breakey and Driml, 2019). Considering that island destinations face the concerns of local ecosystems, resettlement, and outside interference, as well as a lack of resources, poor governance, insufficient information, and economic disparity as well as pressures, it is no wonder that the consequences of tourism and its anticipated outcomes in first people's home islands are not being fulfilled. Tourism will contribute to risks to the climate, transference of human rights in terms of migration, and potential cultural expansionism by first nations.

The range of articles recently released on travel on small islands shows the importance of this domain and illustrates tourism development prospects (Tölkes, 2018; McCabe and Qiao, 2020; Khanra et al., 2021). It is also found that initial studies profoundly illuminated all the negative impacts of tourism on islands, including disruption to habitats, a reduction of endangered animals, a rise in human capital needs, and worsened likelihood of disasters, which would impede any return of the tourism industry (Tiago et al., 2020). All the analyses' emphasis is on the adverse effects of these developments on the Triple Bottom Line dimensions (Ahi and Searcy, 2015). In this segment, the authors said that tourism would positively impact societies by providing business opportunities to local entrepreneurs for start-ups. They also encourage unity and continuity in societies by strengthening cultural and conventional values for cohesion and stability. Recent findings also progressively illustrated the basis for understanding parts that define the engagement of surrounding people in tourism development (i.e., the number of people involved, the possible economic effects, the function and portrayal of natural and cultural resources, the degree of danger and vulnerability, the benefits first received, the involvement and direction of visitors, and the forms of communications). They manage the three components of revisit intention involves a higher level of collaboration across companies, non-profit organisations, authorities, and individuals.

On the other side, besides searching for connections to eco-labels and some certifications, the presence of a Corporate Social Responsibility (CSR) website or declaration was also required to determine the richness of sustainable tourism contact. The key concerns emerging within the World Tourism Organization (WTO) survival indicators were transcribed further into the following parameters including economic viability financial performance, competition, market structure, and access to the market; workforce quality number and quality of local jobs, labour supply, and training; visitor fullend security and safety and quality of experience; social wellbeing on social systems, the standard of living, availability of resources; scenic beauty and

presentation of history and culture; and commodity efficiency reducing the use of scarce and non-renewable assets.

Until 2018, most research relevant to sustainable tourism contact highlighted a defined sustainable green context or a solid sustainability spot to indicate green businesses in various cities (Tiago et al., 2020). In the study about sustainability communication, the author says that more than half of the studies find that the communication of sustainability is constrained when it comes to hospitality and tourism firms (Tölkes, 2018).

While discussing longevity in the scope of the tourism and hospitality industry, a dilemma emerges. It includes mostly tourism and hospitality industry enterprises conveying impressive and excellent encounters to satisfy travellers' standards. Nevertheless, on the other hand, enterprises convey the steps they have undertaken linked to the growth of tourist destinations and reductions of resources utilisation (e.g., advising travellers to be using the towel for even more than one day), that may reduce the average interaction (Ahi and Searcy, 2015; Cronjé and du Plessis, 2020; Su, 2020; Janowski, Gardiner and Kwek, 2021; Kefala, 2021).

Once the visitors have visited, they will examine the tourist cultural experience in several discrete phases, including the pre-travel experience, the travel buys experience, the stay central experience, and the post-travel experience (Roxas, Rivera and Gutierrez, 2020; Zhang and Zhang, 2020). When all visitor amenities standpoints are accounted for, the experience is improved (Tiago et al., 2020). Until an individual chooses a venue for travelling, the traveller repeatedly looks for details about the countries' local promos and schedules the holiday depending on her/his desires and requirements (Tölkes, 2018).

The pre-travel tourist performs digital and offline searches for such material, based on official information presented by corporations and non-official information created by peers to have the right knowledge before a journey. The information released by the reader in print media is deemed more trustworthy than information published under an institutional authority. As an analysis, tourist focuses less on management team material. Businesses that are in a tourism setting (including those in hospitality firms) prefer to search for other styles of quality metrics, such as eco-labels. Current research has shown contradictory findings of whether eco-labels and certification are worthwhile.

The recent research told that travellers to a tourist site or hotel, regardless of their degree of consideration for the environmental concern, did not accept 'eco-label' as significant criteria when selecting. Instead, they check and determine compared to the interaction given. Travel conduct on tourism and hotel visitors has become more evident that visitors appear to behave differently based on the travel characteristics of the hotel. Alternatively, some analysis so that out, there is definite proof of CSR initiatives in the hospitality and tourism

industry and, outside of those, of sustainability activities (Tölkes, 2018; Tiago et al., 2020).

All of us needed to participate in the CSR phase be involved in some contact back and forth to ensure that the correct measures were being taken (Okazaki, 2008; Christou et al., 2019; Pulido-Fernández, Cárdenas-García and Espinosa-Pulido, 2019). A firm's goal is to provide a scalable structure in which individualised experiences with consumers can occur at various scales beginning with feet, workplaces, and communities, right the way up to customers worldwide (Tiago et al., 2020). All hospitality business companies actively pursue opportunities to develop their physical and digital visibility that boost their specific perceived value (Ahi and Searcy, 2015; Su, 2020). In response, others pursue low-cost digital options.

Two methods of mainstream sustainability communication are thorough, curative, and coercive. The comprehensive method is geared towards educating people on what sustainability entails and how to travel goods linked to this concept. The deception approach may be interpreted as a more concentrated attempt to convince the public to buy travel products with a sustainable attribute.

For many lodging firms, websites are the first point of communication with visitors, offering details about their amenities and services. Before a visitor checks out a hotel, they try to explore its website. This website was developed with the customer in mind and had some functionality that will impact how they order items on the website. Firms convey sustainability accomplishments in popular text and with a common persuasive effect. In accBytudy findings, it has been found that these findings would point to the use of reshaping the tourism-related industries' online footprint.

For a long time, star rating schemes for facilities have become the most common grading structures for a sector's standards and characteristics (Tiago et al., 2020). Consequently, an e-mail must be a required element of customer contact across accommodation firms. While the provider still managed this classification scheme, the advancement of tourism and technologies produced new requirements and rating schemes linked to overall consistency and eco-labels. Consequently, it was found that using an environmental accreditation image or the communication of CSR elements related to sustainable practices can improve further distinction.

## **METHODOLOGY**

The design of this research uses a contextual analysis approach about sustainable communication activities and the advancement of communication media with digital technology. Therefore, the data studied in this research were collected directly from various official websites, accommodation booking applications and social media. This research focuses on determining the concept and multiple sets of

sustainable performance indicators. The steps in collecting data for this research follow the stages which include collecting data on a description of the receptive tourist structure; assessing the digital communication sophistication of the accommodation website and using a partial least square model to measure the relationship between sustainable communication and the culture of digital communication technology.

This research also uses the criteria for evaluating the performance of digital communication sophistication, which is formulated based on factors that include interfaces, contents, e-business services, and organisational pieces of information. This research adopts a matrix dimension to build a database and analyse the meaning of words in the relationship between meeting visitor needs, service quality, cultural wealth, community welfare, and resource efficiency, which is the basis for conducting schema analysis. On the other hand, this research measures composite reliability by the ratio of phrases that adopt the relevant criteria between existing codifications by weighting the number of criteria for each construct.

This research develops and empirically measures a construct model that describes the impact of business characteristics of digital communication on sustainable communication activities. This research uses the Partial Least Square-Structural Equation Model (PLS-SEM) approach to test the model that has never been tested. This approach is suitable for this research because it allows grouping using heterogeneity techniques. This research uses the Partial Least Square-Prediction Oriented Segmentation (PLS-POS) approach to determine the set. Furthermore, after testing the clustering of the model, this research adopted PLS Multigroup analysis to identify significant differences between analysis groups.

## **RESULTS AND DISCUSSIONS**

To construct the framework, a different mechanism was developed to allow for the existence of the indicators. We used website and Google survey data to group the 1,881 lodgings into low, medium, or firm sustainable activities. The research showed that 112 (5.95%) out of the 1,881 individuals in the dataset show several selected markers. Some institutions are designed for marketing sustainable tourism and maintaining a community with a rapidly growing STD. One reliable approach to increase the unit's profile is to obtain foreign certification as a sustainable visitor occupancy.

The attempt to identify the online presence of tourism destinations indicates a focus on the incidence of sustainable, relevant remarks and agendas and indicators provided by WTO sustainable tags. This research also records brands, certificates or awards that show continuous activities and progressive efforts for a sustainable plan and an online publication of information available to the public as a basis for assessing strategic planning and support from tourism SMEs.



Since justifying the numerical analysis with the previously provided electronic form, the construct validity can be calculated to show the basic assumption of belief and action. The study has indicated that there are significant influences on the firms characteristics influence on the complexity of digital presence (0.785), sustainability perception (0.725), perceived eco-label image (0.745), and sustainable digital communication (0.720), as shown in Table 1.

**Table 1.** Path Coefficient

|                | Original Sample (O) | Standard Error (STERR) | T Statistics ( O/STERR ) | P-Value | Results  |
|----------------|---------------------|------------------------|--------------------------|---------|----------|
| <b>X1 → Y1</b> | 0.785               | 0.0708                 | 4.2342                   | 0.000   | Accepted |
| <b>X1 → Y2</b> | 0.725               | 0.0598                 | 2.9873                   | 0.001   | Accepted |
| <b>X2 → Y1</b> | 0.745               | 0.0791                 | 2.1998                   | 0.000   | Accepted |
| <b>X2 → Y2</b> | 0.720               | 0.0715                 | 2.5963                   | 0.005   | Accepted |

Source: Calculated Data (2021)

**Table 2.** Mean Group Differences and PLS-POS Results

| Average Weighted R-Squares | Sustainable Practices |         |         | Sustainable Communication |         |         | Digital Sophistication |         |         | Eco Label |         |         |
|----------------------------|-----------------------|---------|---------|---------------------------|---------|---------|------------------------|---------|---------|-----------|---------|---------|
|                            | OP                    | 1st Seg | 2nd Seg | OP                        | 1st Seg | 2nd Seg | OP                     | 1st Seg | 2nd Seg | OP        | 1st Seg | 2nd Seg |
| Sustainable Practices      | 0.092                 |         |         | 0.08                      | 0.09    | 0.10    | 0.07                   | 0.68    | 0.67    | 0.09      | 0.09    | 0.09    |
| Sustainable Communication  | 0.79                  | 0.13    | 0.12    |                           |         |         | 0.11                   | 1.02    | 1.01    | 0.14      | 0.13    | 0.14    |
| Digital Sophistication     | 0.95                  | 0.06    | 0.05    | 0.05                      | 0.06    | 0.06    |                        |         |         | 0.06      | 0.06    | 0.06    |
| Eco Label                  | 0.86                  | 0.02    | 0.01    | 0.01                      | 0.03    | 0.03    | 0.00                   | 0.61    | 0.60    |           |         |         |
| Firm Characteristics       | 0.89                  | 0.03    | 0.02    | 0.02                      | 0.04    | 0.05    | 0.01                   | 0.92    | 0.91    | 0.04      | 0.03    | 0.04    |

Source: Calculated Data (2021)

As seen in Table 2, a multigroup analysis was performed, accompanied by a test of significance to evaluate the discrepancy between both clusters after surveying the data distribution for the two groups. A dissection scheme was used to segment the digital data using a PLS Prediction-Oriented Segmentation (PLS-POS), with a scan depth

of 725 (the sample size). At the same time, the initial section of the group had 410 businesses.

Among those who have a more mature online presence were seen to have sustainable interactive networking strategies and sustainable activities (e.g., protection and the natural environment). From the results of the PLS-POS classification, it was found to determine cluster differences depending on the characteristics of the respondent sample. Firm position and dimension are the two variables considered significantly different: the first category comprises tiny bed and breakfasts situated in the two central districts, whereas the second comprises of small and medium enterprises including all tourism forms, mostly clustered around tourist attractions.

### **Engaging in message effectiveness through a holistic approach to sustainability communications**

Since green tourism marketing techniques are not always relevant to other tourist commodities, future studies may focus on marketing sustainable tourism items and their related communication channels (Benur and Bramwell, 2015). This also applies to more complicated multi-sectoral commodities like tour operator packages and their partners' goods like airlines, travel agencies, and cruise lines, as well as green events and tourist sites. Given the importance of the mass market and specialized tour operators in the development and promotion of sustainable alternatives, this is an essential study area (Tölkes, 2018). Inclusions include personal and non-personal media such as operator catalogues, advertising brochures, radio, television, the internet, and social media (Reimer and Walter, 2013; Jones, 2019; Ziegler et al., 2019). While many studies have focused on roadside communication techniques to impact visitor behaviour, future studies may benefit from focusing on pre-purchase and distribution channels (Zapata et al., 2011; Reimer and Walter, 2013).

### **The urgency of sustainability communication on all levels**

A one-sided emphasis on promoting environmental sustainability characteristics above other advantages also contributes to poor communication (Tölkes, 2018). However, conveying sustainability is a more complicated notion that may benefit from using all four kinds of sustainability product characteristics. Despite widespread recognition, such a comprehensive approach to sustainable marketing is still in its infancy.

Choosing the best message components is critical to increasing a message's effect on an audience (Bilotta et al., 2020; Sharma, Thomas, and Paul, 2021). This data may help tourism experts create more effective sustainability messaging. Layout elements of message design should include positioning of sustainability themes in travel catalogues or websites, size, and style of sustainability topics in travel catalogues or websites, etc (Tölkes, 2018).

Researching message variables will also help create better-focused communications. Further study should focus on demographics, personality characteristics, degrees of participation, and tourist segmentation, among other things since the literature emphasizes the necessity for consumer segmentation. Demographics include age, gender, education, and income. Customer involvement (active or passive), preferred source type, cognitive effort, prior knowledge of sustainability, desire, and capability to research travel information, and other variables.

### **Recognising the impact of interpersonal interactions**

Future research will benefit from persuasion theories' ability to find the most effective messages to persuade people today. As a result, message framing theory, construal level theory, and regulatory emphasis theory will all get greater attention (Sándorová et al., 2020; Su, 2020). The other two concepts may help us better comprehend mental representations, perceptual disparities, and sustainability information anchor points (Reimer and Walter, 2013; Jones, 2019; Ziegler et al., 2019). For example, the Elaboration of Likelihood Model (ELM) may assist in explaining how receiver characteristics combine with message elements and external circumstances to influence sustainability information adoption (Tölkes, 2018). Another part discusses how customers learn about sustainability, which improves the effectiveness of messaging they receive (Zapata et al., 2011; Reimer and Walter, 2013). Semiotics is a field of study that investigates the use of signs and symbols in environmental communication, particularly in the context of sustainability (Okazaki, 2008; Reimer and Walter, 2013; Ziegler et al., 2019). The importance of mass media (for example, broadcasting) in sustainability communication is essential for all marketers, but especially for tourist marketers who rely on this medium (Bilotta et al., 2020; Sharma, Thomas, and Paul, 2021).

### **Recognising the basic nature of information processing**

The research focus should also utilise social-psychological theories to better understand information processing and the factors that impact perceptions and behaviours. Their usage should help us understand how and why visitors receive sustainability information during purchases (Bilotta et al., 2020). As a result, this instrument has the potential to explain how personal standards and values, as well as emotions of responsibility and awareness, affect one's capacity to absorb sustainability information concerning tourism's negative environmental impacts.

This is especially true given our limited understanding of self-efficacy, attribution theory, and cognitive dissonance. Researchers will use social psychology's "belief-based attitude-behaviour theories" to examine the distinction between attitudes and actions in sustainable tourism. This will be a new and significant study area. Consumption and

commodification in a wider context may help us understand travel choices. For example, it helps create meaning, make social disparities visible, and respond to ideas about (sustainable) lifestyles and social behaviours.

Finally, research on the impact of sustainability communication on customer behaviour is mixed. Tourist boards must address such problems while developing compelling communication tactics to increase consumer willingness to pay, premium-paying intent, and post-purchase behaviour. We found a lack of theoretical and practical attention to the attitude-behaviour gap in sustainable tourism. Also, the significance of context and the aim of sustainability communication in the attitude-behaviour gap have not been explored. Using social psychology's "belief-based attitude-behaviour theories" to research consumer sustainability information would be new.

### **Sustainable communication and sustainable tourism development**

As a result of detailed research throughout the tourism development domain, it is now evident that sustainable tourism has been one of the vital domains of tourism research (Okazaki, 2008; Reimer and Walter, 2013; Ziegler et al., 2019). Given that the tourism industry is a comparatively recent space, this industry has often been seen as one of the industries that follow sustainable development structures and plans (Khanra et al., 2021).

Such accelerated integration of sustainable development measures could be a business reaction to the growing challenges about tourism's exchange between both the benefits and drawbacks mostly on tourism attractions, considered that this remains to be among the primary resource-consuming practices (Zapata et al., 2011; Reimer and Walter, 2013). They include the socioeconomic loopholes as factories shut down, increased emissions, and the societal loss of some nations (Reimer and Walter, 2013; Jones, 2019; Ziegler et al., 2019).

Despite the acknowledged extent of the seriousness of STD, both public and private organisations have been blamed for their insufficient success in implementing the definition. When it comes to their sector's viability, many 'tourism' companies have no desire to support a sustainable tourism industry. The two primary business programs seek to gain certain strong strategic benefits and boost performance. To ensure that legislation is successful, businesses must follow a comprehensive approach to manage their future effects on all strategic planning levels.

Hence, STD seeks to increase the quality of the cumulative total of all impacts on nature and culture, and thus, the economic development and the status of the whole society (Tiago et al., 2020). This strategy focuses on evidence-based, community-based interventions that factor in environmental and human wellbeing (Tölkes, 2018). Thus, sustainable tourism development promotes greater citizen

engagement, more interest in natural and cultural sustainability, more significant environmental and human health and safety awareness, and the local and regional economy (Benur and Bramwell, 2015). This overall goal can be met through four main strategies: safeguarding natural and cultural resources, maintaining the community's economic health, and promoting complex consumer travel that preserves natural and cultural resources for future generations.

As substantial tourism companies have established the capabilities of more adaptable and more sustainable activities, there is a need to create a systematic methodology for assessing the impacts of tourism growth on the local population and climate (Tiago et al., 2020). There are no standardised training or methods of recognition that can be extended to each area and background—presented a set of indicators that measure tourism sustainability and highlight its major impacts and identified 141 indicators for sustainable tourism.

The implementation of sustainability concepts includes the triple bottom line method, which incorporates stakeholder-focused intra-organisational and inter-organisational business systems that address the integrated economic, environmental, and social aspects of performance. Thus, in addition, to integrating the three dimensions, we can comprehend the priorities and strategies of certain stakeholder clusters. Recently, it has been assumed that it will be difficult to manage this balance through mere self-imposed control of the sector.

The communicative turn may be implemented by synthesising the various confrontations that the stakeholders have with the communicative framework, which cause them to make decisions that do not favour their desires and may not suit the material that will be transmitted. Therefore, the adverse outcomes uncovered by these different stakeholders will lead to the cultivation of new alternatives, which aims at a new outcome for a communicational problem.

## **CONCLUSION**

The findings highlight the need to achieve a sustainable tourism sector, including other aspects, such as connectivity that does not exclusively stress the climate and nature. The two key alternatives are a targeted posting such that any that may disagree is not automatically notified or a digital notification mechanism to avoid compulsory critique. Findings have decisive policy importance by understanding the positive and negative impacts of resilience in communications networks. Furthermore, they illustrate the low usage of eco-labels in the electronic communications of tourism industries which poses several concerns for research consideration.

Based on the three findings, it is observed that organisations with more advanced online presences seem to be more engaging in communicating sustainability discussions. However, in the sense of the environmental factor, the platforms' claims are often on the grounds of contamination issues and appear to ignore the financial and societal

benefits. This study concluded that it is not proven if eco-labelling endorsement by local official institutions does not substantially affect the prices of local amenities qualification, what the benefit of eco-labelling is to characterise by the sudden in communicating their online deals.

Although big corporations are moving towards obtaining foreign qualifications and experience, smaller and medium firms are also reluctant. The smaller size of the respective company could reflect the higher costs, and smaller terms of classification accuracy with the conditions are essential, seen as barriers for small businesses. For several industries, customers consider eco-labels as promises which companies are working on environmental sustainability. What is further observed to be valid in the tourism industry is also relevant throughout the tourism industry. It is indicated that almost all corporations will make significant changes to their digital contact linked to sustainable activities and their sustainability goals.

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