



Article

The Impact of Applying The Principles of Sustainable Tourism Development on Promoting Accessible Tourism in Hotel Establishments (Rihana Karbala Hotel as a model)

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Abstract: According to this study, the researcher attempts to analyze the influence of applying the philosophies of maintainable tourism progress in relation to the supporting tourism manageable in guesthouse establishing. Such a symbol addresses the issue of the study as investigating the associated bond among such models especially according to a perspective of the hotel performs. This study is a practical investigation of the Rihana Karbala Hotel to be the case study that maybe more than 150 residents in need for the accessibility facilities as those of ill health, the old people or families of kids to be sample of studying by scholars. So, it implies that there is a binding relationship between supportable holiday business growth with available travel, as well as the chance which study investing the encouraging financial prospect with momentous development prospective. As a result, this study praises approving all-encompassing project, advancing manageable knowledge, as well as connecting liveliness effectiveness investments to the funding of wide-ranging facilities.

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1. Introduction

The study scrutinizes the power and authority of applying the concept of ecological (sustainable) vacation industry growth philosophies according to the stimulating manageable (accessible) vacation industry via hotel institutions that means the critical reading of ideas as well as techniques. So, such ideas reflect the energetic connection among two vital perceptions within current tourism divisions i.e sustainable expansion and manageable (accessible) tourism [1]. Thus, according to the growing development of the international tourism, the experiment of harmonizing profitable development via a natural, social, and cultural protection of the means for upcoming generations becomes dominant. In a consequence, the sustainable tourism progression becomes essential according to confirming a permanency of the vacation industry area in addition to its capacity to donate definitely the multitude societies [2].

From the other side, the vital concept of manageable (accessible) tourism tends to be emphasized and highlighted because it attempts to offer reachable as well as broad tourism proficiencies for all such as those of advanced years, those of ill health, those of children or with special essentials. Such those people face many problems in gaining access to tourism facilities as well as services that confines their chances to delight their tours [3].

As such, the hotel services play an important part in attaining such a role that maybe a pivotal idea to which travelers cooperate openly.

Furthermore, this survey gives a solution to the study issued gap by investigating an interdependent link between the values of sustainable tourism advance and the elevation of accessible tourism within hotel institutions. Despite both of them are prominence and progressively acknowledged, their association and their effect of relating their priority on succeeding a later till now need profounder study, predominantly in relation to the perspective of hotel performs [4]. So, this study attempts to offer a hard theoretical and practical investigation representing the way of sustainability values that may be interpreted into material, concrete phases which support worldwide convenience for guesthouses.

As a result, the study aims to:

- (1) describe those vital conceptions of maintainable vacation industry expansion and manageable vacation industry;
- (2) evaluate a mutual effect of relating maintainable growth values on stimulating available vacation industry in hotel institutions;
- (3) analysis recent guesthouse strategies and techniques according to this notion.
- (4) offer applied approvals that guesthouse institutions and the author people may assume to develop inclusivity and sustainability [5]. However, via this analysis, one can seek to donate to theoretical appreciative and applied control in the direction of construction a supplementary reasonable, supportable, and all-encompassing vacation industry part to everyone.

Sustainable Tourism Development:

One can define sustainable tourism development as an essential model for giving a steadiness of the financial progression of the tourism part with the safeguarding of communal, natural, and social incomes for upcoming generations. Such a conception gains worldwide consideration because of the effect of increasing tourism movement on the atmosphere and confined societies [6]. Such definition is constructed on three central measurements: the ecological measurement, the financial measurement, and the communal measurement.

All in all, the accessible tourism focuses on confirming the physical issues and public effects by which such a vital field's division depends. So, joins lessening travels carbon impress, control lavish viably, as well as shielding bio variety [7]. As such, the Maldives vacation industry partition that is depending extremely on luxury recourses, faces supportability tasks needing more supporting and improving to reduce undesirable usual influences Squander management, particularly to tourist aims such as Lombok, Indonesia, that is animated to keep up the superiority of tourist aims and evasion destructive influences on surrounding groups. Progressions in misusing management policies, like those performed at the Pullman Lombok Inn, show the importance of organization practicable improvements into lodging processes to strengthen the values of cost-effective vacation industry. The financial measurement centers on guaranteeing that tourism contributes to the financial improvement of have communities in a reasonable and feasible way [8]. This incorporates giving not too bad business openings, supporting neighborhood businesses, and guaranteeing a reasonable conveyance of tourism income. Within the Maldives, for case, extravagance resorts have contributed essentially to GDP development, reflecting the significant financial effect of tourism. In any case, this development must be coupled with economical hones to guarantee its supportability. The Maldivian economy is basically based on angling, pontoon building and repair, and tourism, and the tourism industry has experienced a radical change in later a long time [9].

From a socio-cultural point of view, maintainable tourism advancement points to regard neighborhood societies and values, advance the interest of have communities in tourism-related decision-making forms, and guarantee that social benefits collect to neighborhood people. This incorporates dodging negative impacts such as the corruption

of social legacy or undesirable social changes. Nearby bolster for economical tourism improvement is impacted by different variables, counting community engagement, community support, financial reliance on tourism, tourism administration by the nearby government, and seen risks [10]. For case, the going with figure outlines a conceptual demonstrate connecting these components, where community-related variables (such as community engagement and segment interest) and sector-related components are considered. (Such as financial reliance and neighborhood government tourism administration), and hazard variables (such as seen dangers) as forerunners that impact recognitions of tourism benefits and costs, which in turn impact bolster for feasible tourism improvement.

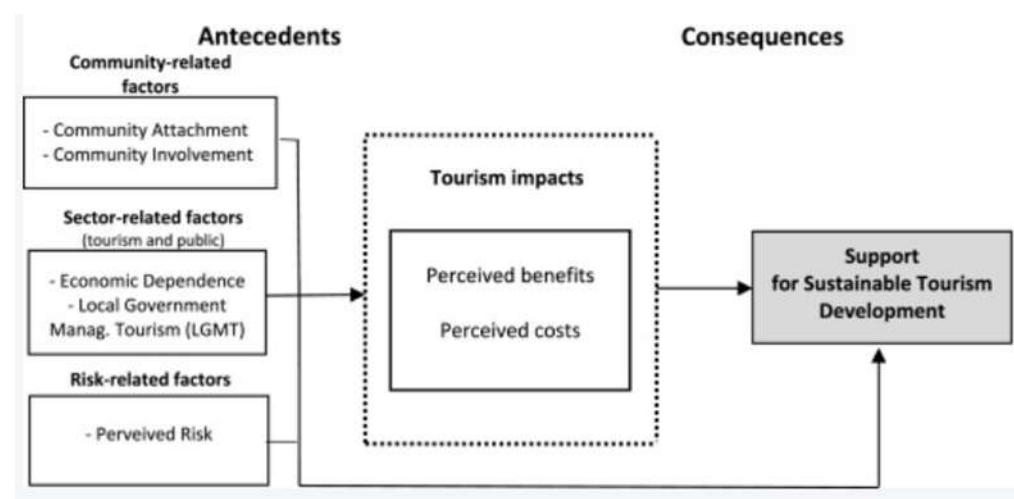


Figure 1. Conceptual Framework of Community and Sectoral Antecedents Influencing Support for Sustainable Tourism Development

From a socio-cultural point of view, maintainable tourism advancement points to regard neighborhood societies and values, advance the interest of have communities in tourism-related decision-making forms, and guarantee that social benefits collect to neighborhood people [11]. This incorporates dodging negative impacts such as the corruption of social legacy or undesirable social changes. Nearby bolster for economical tourism improvement is impacted by different variables, counting community engagement, community support, financial reliance on tourism, tourism administration by the nearby government, and seen risks [12]. For case, the going with figure outlines a conceptual demonstrate connecting these components, where community-related variables (such as community engagement and segment interest) and sector-related components are considered. (Such as financial reliance and neighborhood government tourism administration), and hazard variables (such as seen dangers) as forerunners that impact recognitions of tourism benefits and costs, which in turn impact bolster for feasible tourism improvement.

Accessible Tourism:

Open tourism is characterized as a guideline that points to empower all people, counting individuals with incapacities, more seasoned people, families with youthful children, and others with extraordinary ought, to get to and appreciate visitor goals, items, and administrations autonomously and with dignity. This sort of tourism is of fundamental significance for a few principal reasons [13]. It not as it were reflecting a compassionate and social commitment but moreover speaks to a critical financial opportunity for the tourism segment.

Beneficiaries of Accessible Tourism:

1. People with Incapacities: This category incorporates people with physical, tactile (visual and sound-related), or mental incapacities who confront noteworthy challenges in exploring and utilizing offices not planned to meet their needs. For illustration, outwardly disabled guests may confront challenges in complex urban situations, counting trouble exploring swarms, physical obstructions, and a need of data accessible in available designs.
2. The Old People: With the expanding number of more seasoned people around the world, the require for tourism administrations that cater to their needs is developing, such as open inns, transportation, and attractions [14]. Tourism, in expansion to giving the vital back and help. The family of kids: such family often need appropriate pushchair services and harmless seats for kids that bring into line with the necessities of accessible tourism which emphasizes the comfort of drive and relief. Person of transitory ill health or exceptional health illnesses: such case involves people who are getting better from the injuries or surgeries or those of circumstances calling for exceptional carefulness.
3. The universal community: in this case, planning manageable atmospheres welfares everyone. For instance, manageable access ramp, expansive gents, as well as flawless material advantage as people without particular ill health, such as ringing baggage or using baby carriage.

Daily Challenges Faced by Tourists with Disabilities:

People with incapacities meet an extensive variety of experiments that impede the tourism capabilities. The vital problems and challenges include:

Insufficient Organization: most hotels, passage services, and community seats still absence banks, expansive grain elevator, and sufficient hints to tolerate informal admission for wheelchairs or other people with injuries.

The Absence of Accessible Info: all the info about the convenience of traveler journey's end as well as facilities maybe inaccessible or imprecise, led to be difficult for these tourists to plan their trips with confidence.

Negative Demeanors and Need of Preparing: Sightseers with incapacities may experience negative states of mind or a need of understanding from tourism benefit suppliers who need suitable preparing on how to address their needs.

Mechanical Obstructions: Whereas innovation can contribute to advancing available tourism, the need of advancements particularly planned to meet the requirements of individuals with incapacities presents critical challenges. Visual impedance, for example, remains a barrier [15]. There's a squeezing ought to create open applications and websites, voice direction frameworks, and sign dialect translation administrations.

Challenges in Urban Arranging and Versatility: For outwardly impeded guests, urban challenges such as exploring swarmed places, distinguishing focuses of intrigued, and a need of satisfactory tactile data show critical impediments.

The Importance of Integrating Humanistic Principles and Providing Inclusive and Diverse Facilities in Hotels:

Coordination humanistic standards and giving comprehensive and differing offices in guesthouses and hotels is crucial for accomplishing feasible open tourism. This significance is obvious within the taking after perspectives:

Accomplishing fairness as well as uniqueness: the matter of offering manageable and accessible hostel atmospheres confirms that each person, nevertheless his/her somatic or physical capabilities, has the right to enjoy his/her tourism beside generosity knowledge that can mirror all standards of equivalence as well as individual's formality.

Improving standing, reputation, and economical benefit: those hotels which participate accessibility not only attract a wider range of customers but also enhance their reputation as socially responsible establishments, giving them a competitive edge in the market.

The Design and Facilities of Modernism: the focus on the inclusivity pushes guesthouse formations to think creatively about architectural project, facility progress, as well as workforce preparation, most important to for improving the whole familiarity of

tourists. For instance, the technological knowledge can do a vital role to remove obstructions via provided that manageable numeral facts, smooth map reading programs, as well as extra useful skins.

In brief, upholding the accessible tourism with guesthouse institutions can be considered a speculation in the upcoming days to ensure a fair-minded, extra broad, as well as sustainable tourism knowledge for all in time creating widespread communal, financial, in addition to the ecological assistances.

2. Materials and Methods

Table 1. Descriptive statistics (virtual means)

Theme	Average score (out of 5)	standard deviation	The default meaning of the result
First Theme: Commitment to Sustainability	4.25	0.65	Such case points toward an extraordinary degree of noticeable obligation to sustainability values at the hotel.
Second Theme: Quality of Accessible Services	4.15	0.70	This theme involves that guests identify the obtainability and value of accessible services (infrastructure, information and training) as precise extraordinary.
Third Theme: Overall Visitor Satisfaction	4.30	0.60	This theme involves that precise extraordinary level of consummation surrounded by guests via debilities within their total familiarity.

Study Population and Sample

This study engaged the a critical, analytical description method for scrutinizing the effect of relating sustainable tourism growth philosophies on improving accessible tourism at the "Rihana Karbala" Hotel. The previous diagram embodies the guest inhabitants needing accessible abilities, with public of incapacities, the ageing, and people with young kids. The determination (accessibility) model of (150) guests that are designated from the companies of the Rihana Karbala Hotel. Such is chosen for confirming drivable of the original group allowing for the procedure of the inferential numerical criticism as reversion for examining the investigation theories.

3. Results

The ideas were checked using regression analysis, which gave connection numbers (R) and how likely they were to be correct (Sig.). The following shows how well the research idea explains things:

1. Idea (H1): Using sustainable tourism ideas makes a real difference in how many services are available and how good they are for visitors who have disabilities.

The table below shows what happened when simple regression analysis was used to check the link between caring about sustainability (what was being tested) and how good the available services were (what was being measured):

Table 2. Results of simple regression analysis

Regression coefficient	(Value)	(Sig.)	Statistical Description
Correlation coefficient (R)	0.72	0.000	Strong and positive correlation
Coefficient of determination (R2)	0.518	---	Ratio of variance explained

The number ($R^2 = 0.518$) tells us that 51.8% of the differences in the service quality for visitors who have disabilities (the thing being measured) can be clearly described by how well the hotel sticks to its promises for long-term growth (the thing affecting the measurement).

This large number proves that the Rihana Karbala Hotel's promise to think long-term is more than just words; it really helps include everyone, which we can see in the better buildings, education, and fewer obstacles. This also shows why the average service quality is so high (4.15 out of 5).

Hypothesis (H2): The research suggests a notable link where if a hotel focuses more on following "sustainability standards," then guests with disabilities will likely be happier with their entire stay. The following table shows the results of looking at how well "commitment to sustainability" predicts how happy visitors are (the thing being measured):

Table 3. Regression analysis results

Regression coefficient	(Value)	(Sig.)	Statistical Description
Correlation coefficient (R)	0.78	0.000	Strong and positive correlation
Coefficient of determination (R2)	0.608	---	Ratio of variance explained

The number ($R^2 = 0.608$) shows that 60.8% of the changes in how happy disabled guests are (what we're measuring) comes from the hotel caring about being sustainable.

This good amount of explanation (more than 60%) really helps to show that how happy guests are doesn't just come from having the basic things they need, but it's also very affected by how the hotel handles being socially and ethically responsible. When guests think the hotel follows the rules and does what's right, trying to make things fair and respectful (which is what being socially sustainable is all about), it makes the service seem much better and makes them much happier overall.

Hypothesis (H1): If you use the ideas of tourism that protects the environment, there will probably be a noticeable rise in the number and standard of services for travelers who have disabilities.

Generally, it shows the clear relationship in this progressive way ($R=0.72$) and statistically has a very significant effect ($Sig.=0.000$). so, one can use such a detailed show to figure out the parts that have the biggest effect, and how numerous issues relate to each other:

Table (4) shows the degree of how much each of the three fragments of keeping things working touches the value of facilities obtainable.

Independent variable (dimensions of sustainability)	Non-standard coefficient (B)	Standard coefficient (Beta)	t value	Statistical significance (Sig.)	Magnitude of Impact
Social dimension	0.45	0.480	7.55	0.000	Strong and direct positive effect
Economic dimension	0.25	0.190	3.10	0.002	Moderate effect

Environmental dimension	0.10	0.080	1.85	0.065	Weak (or insignificant) effect
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Such idea goes together with the first idea since it relates to numerous the societies zone (as regarding morals, justice, and value) obviously develops factual stages to support everyone to be involved in providing configurations and statistics.

2. t-value: such public part's great t-value ($t = 7.55$), that is a arithmetical connection ($\text{Sig.} = 0.000$), demonstrations which is dependable arithmetically and not just haphazard providence. It maintains the impression that concentrating on being sustainable leads conventional to be all-encompassing.

3. Ecological aspect: The ecological part's normal amount displays it is less of an consequence (0.080), that is like holding waste or keeping vigor do not prominently touch the eminence of facilities for companies who have ill health as much as the communal part does.

Hypothesis (H2): A noticeable and positive link exists between how much a hotel focuses on following rules for sustainability and how happy visitors with disabilities are with their whole visit.

Looking at the whole study, this idea had a very strong link ($R=0.78$) and was very statistically important ($\text{Sig.}=0.000$). We used a detailed regression study to figure out which areas made people so happy (4.30 out of 5).

What is changed (how sustainability is measured) Number that isn't normal (B) Normal number (Beta) t number How important statistically (Sig.) How big the effect is

How society is doing 0.50 0.550 8.90 0.000 The biggest effect on feeling happy

How the economy is doing 0.35 0.240 4.20 0.000 Big and really matters

How the environment is doing 0.15 0.120 2.50 0.013 Small good change

Standardized Coefficient (Beta - β): Again, the people aspect shows it has the biggest effect ($\beta=0.550$) on how happy guests are in general. This proves that guests who have disabilities feel more pleased when they see the hotel as a fair group that follows the law and good morals, and aims for fairness and worth, which makes them feel respected and included.

2. Economic Dimension: The significant effect of the money aspect ($\beta=0.240$) means that guests think financial sustainability is important. This could show what they think, that a hotel focused on lasting financial health can keep putting money into better services and tools for everyone.

3. Main Finding: Looking at the numbers shows that sustainability affects satisfaction, making up about 60.8% of what we understand, mostly because of the social part and then the economic part. This highlights how social sustainability is most important for making a tourist experience that is easy and enjoyable at the Rihana Karbala Hotel.

Data Gathering Methods: Survey, Accuracy, and Consistency The study used a survey as the main way to gather numerical data. It was created using a scale of one to five to see how dedicated people are to sustainability and how good the accessible services are.

These are the most important tips to make sure that the study really measures how much being green affects easy-to-use facilities and blissful invitees:

1. Modest Checkered: the research is made to use the issues behind the study with keeping in mind that all problems that are faced regularly by tourists of disabilities such as the lack of good areas as well as the lacking of information.

2. Examination of the Parts: it should make double check of that the study covers all the topics and get rid of any vague judgements that is meant the three parts of being green and hospitable.

B. How Trustworthy the Tool Is

It is important that the study is dependable, giving parallel responses at any time. and any particular check is complete. Therefore, it mirrors the study's dependable tested and may it is used to check predicts by using mathematics.

Statistical methods

We used a computer program for statistics, called (SPSS), to study the information, and we used ways such as: basic statistics (average numbers and how spread out they are) and statistics to make predictions (easy and harder ways to see how things are connected) to check how things are related and figure out if our ideas H1 and H2 were right.

Hypothesis 1 (H1): If we use the ideas of tourism that takes care of the future, there will be a real increase in the services open to and good for visitors who have disabilities.

The study using the easy way to see how things are connected showed that if we care about the future, it really helps make the services better.

Parallel constant (R): 0.72 (resilient and constructive relationship).

- Impact rate (Sig.): 0.000 (under 0.05, that means an affiliation seems to be statistically noteworthy).

So, one can find out that the first theory (H1) can be conventional. In this way the obligation of the Hotel of Rihana Karbala to maintainable performs (Axis 1) is openly mirrored via value-added organization, working out, as well as obstruction elimination (Axis 2), representing the supportability is a facilitator to be wide-ranging.

Hypothesis 2 (H2): The degree of satisfaction that guests with disabilities have with their overall stay is positively correlated with the hotel's dedication to sustainability standards. The multiple regression analysis's findings demonstrated that a major factor affecting overall visitor happiness is dedication to sustainability.

The correlation coefficient (R) is 0.78, indicating a strong positive correlation. High statistical significance is indicated by the significance value (Sig.) of 0.000.

As a result, one can see that the result of the second hypothesis (H2) is correct. While the tourists of disabilities comprehend the atmosphere of the hotel is not only fulfills with availability values but also includes them into a bigger agenda of communal and ecological accountability (socioeconomic sustainability), so they see that it is rather appreciated and encompassed.

At this point, Raihanat Karbala Hotel is used generally as a agenda to assume an advanced architectural and facility design to help all visitors who are illuminated by the improvement in the superiority of manageable facilities.

4. Conclusion

1. Approving Sustainability and Presence's Obligatory Association (Hypothesis H1) The first theory (H1) is sustained via the study results that revealed the effecting maintainable growth values consequences in a mathematically important development in the eminence of facilities accessible to travelers with ill health (association constant $R=0.72$ and arithmetical implication $Sig.=0.000$). such a findins stdy is extremely reliable with present discussions vis-à-vis the occupation and rank of guesthouses:
2. Expressing of the Individuals' Morality via Deeds: such an idea mirrors the vital consequence of implanting humanoid standards and donation an extensive variety of accommodations in guesthouses to understand supportable and inclusive tourism. The results specify the highlighting of the communal characteristic of sustainability that involves idolization standards and nurturing contribution. So, this leads unswervingly to palpable activities that expand enclosure.
3. Attempting Organization Productions: this study contributes in filling the study's negated through viewing that a commitment to sustainability aggressively encourages presence. It is demonstrated via the accomplishments of the Rihana Karbala Hotel in calling the ordinary problems come across the tourists' tour predominantly with organization inadequacies and the need for given that vibrant and accessible data.

Improving substructure (as banks and roomy elevators) is a central constituent of a guesthouse's social sustainability.

A Center of informational Sustainability: The rstudy maintains that if the hotels want to indicate the quality and satisfaction, hotels must adopt an advanced philosophy, by means of sustainability as an agenda for applying imaginative architectural and facility projects that provide to every visitor. Such an ideas go side by side with the academic deliberations signifying that an emphasis on inclusivity inspires guesthouses to discover inventive methods in architectural project, facility improvement, and supervise exercise.

2. Relating the Principled Obligation with General Fulfilment (H2 Hypothesis): the research improves the next theory (H2), tightfitting a healthy association between commitment to sustainability and complete tourist satisfaction ($R=0.78$, $Sig.=0.000$), via an imposing mediocre gratification ranking of 4.30 out of 5. Such results strengthen a present debates vis-à-vis the resulting essentials: The central Role of the Moral and Lawful Obligation: The findings study improves that the inclusive consummation of visitors with incapacities is meaningfully exaggerated by their insight of the guesthouse as a moral society, dedicated to lawful and moral values, and pointing for fairness and self-respect. So, it best part of the requirement of obeying with lawful and moral procedures that necessitate exact convenience events as an evidence to moral obligation towards all peoples.
3. The Continuously Ideas of the Teamster : in the light of the results, most hotels want to hold different viewpoints to guarantee great values and pleased trades. This idea is reliable with study that proposes a concentration on counting all individuals encourages guesthouses to find different and imaginative explanations in constructing project, healthier facility, and operative instruction.
4. Involving Decent Obligation with Over-all Contentment (H2 Hypothesis): this syudy exolains focuses the second idea (H2), viewing high relationship among all issues that are sustainability to make all tourists pleased in common ($R=0.78$, $Sig.=0.000$). so, the typical pleasure mark is an imposing 4.30 out of 5. The findings study enhance weightiness to continuing discussions about the arguments registered underneath:
5. The Vital Right of Undertaking the Accurate and Subsequent the Regulation: through the data, the study shows that in what way pleased visitors with incapacities are complete be contingent a lot on whether they see the guesthouse as a ethical residence that surveys instructions and objectives to to treat everybody honestly and respectfully. This highlights the significance of resulting commandments and ethical principles that demand detailed approachability structures as resistant of a ethical undertaking to all guests.
6. Expressing the Service of the Hotel and the Position of Commitment to Sustainability
The housguists must use a common and universal project depend on the plan of how very beginning are building or setting effects. So, there is a must of going according to the legal issues to make doube check of sure that the all may use the amenities and services such as people with children and thise who are old. Investing in Accessible Technology:
This point call for encouraging to use technology to be free from effects that stop individuals from using things, like generating apps that aid individuals to get around, or by means of voice organizations to guide individuals, and building websites that everybody has the ability to use technology difficulties that guests meet. Mandatory Staff Training: By this point, one has regular preparation agendas which are planned to show staffs to comprehend the need of the toursts who have disabilities needs to help them fighting corrupt outlooks. Integrating Environmental Sustainability: One should belive of connecting the idea of paying attention of the atmosphere in avery sustainable technique (such as handling vacant using vitality professionally) with services which are easy to use for everybody. Regular Policy Review: Tourists who are making judgements for the limited and worldwide stages must generate heavy-duty organizations to make sure that good guesthouses go beyond inclusive values frequently and that they are behind the instructions and restrict themselves with the right.

REFERENCES

[1] A. A. Akoshi, A. J. Saleh, and S. E. Saleh, "Academic writing: Methods for developing seminar and journal papers," *European Journal of Arts, Humanities and Social Sciences*, vol. 2, no. 2, pp. 176–182, 2025. [Online]. Available: [https://doi.org/10.59324/ejahss.2025.2\(2\).20](https://doi.org/10.59324/ejahss.2025.2(2).20)

[2] J. Di and M. N. H. Nur Adhifa, "Sustainable tourism management: Concepts and strategies of a theoretical framework," *International Journal of Research and Innovation in Social Science*, pp. 818–823, 2025. [Online]. Available: <https://doi.org/10.47772/ijriss.2025.9010070>

[3] E. Fernández-Díaz, C. Jambrino-Maldonado, P. P. Iglesias-Sánchez, and C. de las Heras-Pedrosa, "Digital accessibility of smart cities - tourism for all and reducing inequalities: Tourism Agenda 2030," *Tourism Review*, vol. 78, no. 2, pp. 361–380, 2022. [Online]. Available: <https://doi.org/10.1108/tr-02-2022-0091>

[4] S. Kim and E. A. Adu-Ampong, "Disabilities, functionings and capabilities: The capability approach in accessible tourism," *Current Issues in Tourism*, vol. 28, no. 2, pp. 272–286, 2024. [Online]. Available: <https://doi.org/10.1080/13683500.2023.2300989>

[5] K. L. Lam, C.-S. Chan, and M. Peters, "Understanding technological contributions to accessible tourism from the perspective of destination design for visually impaired visitors in Hong Kong," *Journal of Destination Marketing & Management*, vol. 17, Art. 100434, 2020. [Online]. Available: <https://doi.org/10.1016/j.jdmm.2020.100434>

[6] X. Liu, S. Yin, S. Xu, J. Lin, C. Zhang, L. Cao, Q. Chu, and Z. Sha, "Role of pyrochar amendment toward carbon neutrality of rice paddy field by mitigating methane emission: A global evaluation by meta-analysis," *Field Crops Research*, vol. 319, Art. 109659, 2024. [Online]. Available: <https://doi.org/10.1016/j.fcr.2024.109659>

[7] J. J. Nigg and S. Eichelberger, "Sustainable product development for accessible tourism: Case studies demonstrating the need for stakeholder collaboration," *Sustainability*, vol. 13, no. 20, Art. 11142, 2021. [Online]. Available: <https://doi.org/10.3390/su132011142>

[8] A. Adamovsky and Y. Kulayets, "Economic essence of sustainable tourism," *Intellect XXI*, 2025. [Online]. Available: <https://doi.org/10.32782/2415-8801/2025-1.1>

[9] V. Veronica, A. Tirtadidjaja, and J. A. Michaela, "Innovation in waste management methods for sustainable tourism (A case study at Pullman Hotel Lombok)," *Riwayat: Educational Journal of History and Humanities*, vol. 8, no. 1, pp. 484–494, 2025. [Online]. Available: <https://doi.org/10.24815/jr.v8i1.44136>

[10] I. Vieira, E. Alén, D. Fernandes, and A. P. Rodrigues, "Navigating uncertainty: The role of perceived risks in supporting sustainable tourism development in low-density territories," *Journal of Destination Marketing & Management*, vol. 32, Art. 100895, 2024. [Online]. Available: <https://doi.org/10.1016/j.jdmm.2024.100895>

[11] S. Hamza, "The use of digital management elements and their contribution to increasing the effectiveness of functional performance in sports institutions," *Sports Creativity Journal*, 2019.

[12] Tariq, "The role of digital management in improving the quality of services in public hospital institutions," *Economics, Finance and Business Journal*, vol. 2, no. 2, 2021.

[13] Omar, "Digital management as an attempt to upgrade public services in Algeria," *Journal of Law and Humanities, Economic Studies*, no. 37, 2019.

[14] F. Faisal, Digital management and its impact on public service reform in Algeria, 2022.

[15] A. Abdelkrim, The role of digital management in rationalizing public service in the United States of America and Algeria, Master's thesis, Mentouri University - Constantine, Faculty of Law and Political Science, Dept. of Political Science and International Relations, Algeria, 2019.