

Pentahelix Model in the Development of Pecaringan Hill Tourism in Jombang Regency

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Abstract

In order to improve the tourism sector, the Jarak Village Government seeks to develop Pecaringan Hill Tourism by collaborating on the pentahelix model. However, it is not yet known the extent of involvement of each actor related to the development of Pecaringan Hill Tourism. The purpose of this study is to determine the involvement of each actor in maintaining their synergy to optimize the collaboration of the pentahelix model in Pecaringan Hill Tourism Development. The research method used in this study is a descriptive research method with a qualitative approach. With data analysis techniques using interactive data developed by Miles & Huberman. The focus of the research uses the pentahelix model theory from Irawan, (2021), namely Academics, Business, Community, Government, and Media. The results showed that the implementation of this pentahelix model collaboration has been realized, the involvement of each actor in maintaining their synergy to optimize the pentahelix model collaboration in Pecaringan Hill Tourism Development is considered to be quite stable, but still has not had a significant impact on the development of Pecaringan Hill Tourism. This is evidenced by the number of visitors on Pecaringan Hill Tourism which is still relatively small every year. Thus, it can be implied that the pentahelix model in the development of Pecaringan Hill Tourism has been carried out, it can be concluded that the collaboration of the pentahelix model in the development of Pecaringan Hill Tourism in Jombang Regency has been realized and carried out with the continuity of actors that are quite stable.

Introduction

Indonesia is a country with diverse natural resource potential, which if managed properly can provide great benefits for the Indonesian state. One of the right steps to manage the potential of existing natural resources is to create areas endowed with exotic natural resources into the tourism sector (Setiawan, 2019). In Law of the Republic of Indonesia Number 10 of 2009 concerning Tourism, it is explained that tourism is a variety of tourist activities and is supported by various facilities and services provided by the community, entrepreneurs, Government, and Regional Government. Then according to Anwar et al. (2018), tourism is one of the driving industries of a country's economy. Indonesia's economy has also increased because it is supported by tourism sector activities from tourist activities, because the development of the tourism sector can provide economic benefits, especially to local people living in tourism areas (Rochaeni et al., 2022).

The existence of the tourism sector plays an important role in supporting the economy of a region because it is a leading sector that has a relationship as a source of accelerating regional economic growth and will provide an increase in added value and an increase in community income (Anwar et al., 2018). The tourism sector has become a special concern for the Governor

of East Java, Khofifah Indar Parawansa. One of the seven development priorities of East Java is the recovery of the people's economy through increasing the added value of the secondary sector and tourism (Bappeda East Java Province, 2022). This is because tourism has a positive impact on the economy of regions that become tourist destinations, such as East Java. East Java Governor, Khofifah Indar Parawansa, said that the circulation of money from the tourism sector in East Java Province reached 487 trillion rupiah throughout 2022. Likewise, East Java Province is the main destination province in 2022 with the highest number of trips in Indonesia with an achievement of approximately 27.29% of the total trips of Archipelago Tourists (Putra, 2023).

In line with the high potential of tourism in economic recovery and increasing local original income, as well as the tourism potential owned by the region, the government must be able to develop with its various efforts to create creative ideas for the tourism sector, so that the tourism sector can continue to develop well. With the potential tourism in the regions, especially in East Java, which incidentally is the main destination for tourism in 2022, each region in East Java seeks to develop new tourist destinations that aim to encourage the entry of tourists (Saputri, 2019). According to Sucahyo et al. (2023), various efforts made by the government are inseparable from other sectors such as Academic, business, government, community, and media otherwise known as Model Pentahelix. Cooperation between stakeholders in tourism development efforts is needed. According to Herdiansyah (2020) in Hoerniasih et al. (2023), pentahelix is the principle of partnership cooperation built by various parties as stakeholders who have different backgrounds. Type pentahelix was first proclaimed by the Minister of Tourism Arief Yahya in the Regulation of the Minister of Tourism of the Republic of Indonesia Number 14 of 2016 concerning Guidelines for Sustainable Tourism Destinations. In the regulation, it is explained that to create, ensure the quality of activities, facilities, services, and to create tourism experience and value benefits in order to provide benefits and benefits to the community and the environment, it is necessary to encourage the tourism system through role optimization Academic, business, government, community, and media (ABGCM) (Purba & Setiawan, 2022).

Jombang Regency is one of the regions in East Java that also has various tourism potentials and will certainly strive to develop new tourist destinations that aim to encourage the entry of tourists, increase local original income, and improve the welfare and economy of the community as regulated in Jombang Regency Regional Regulation No. 2 of 2021 concerning Tourism Implementation. The Jombang Regency Government has designated Wonosalam District as a tourism development area in the Jombang Regency area as stated in the Jombang Regency Strategic Plan for 2009-2029 (Andilas et al., 2020). One of the areas in Wonosalam District that has a variety of tourism potential is Jarak Village (Central Bureau of Statistics, 2022). The most potential natural tourism in Jarak Village is Pecaringan Hill Tourism. Pecaringan Hill Tourism is one of the natural attractions managed by the Jarak Village Government in collaboration with the Tourism Awareness Group (POKDARWIS). Pecaringan Hill tourism is a potential tourism in Jarak Village because it is supported by many types of tours offered, namely family tours and swimming pools, areas Camping ground, hiking track, and presents many photo spots with view which is beautiful for young people who are able to attract the attention of visitors / tourists.

Efforts that have been made by the Jarak Village Government in developing Pecaringan Hill Tourism include forming a tourism awareness group (POKDARWIS) and collaborating with other actors to optimize the development of Pecaringan Hill Tourism. However, in its implementation, there are still obstacles such as lack of tourism branding and management of facilities and tourism management which still have an impact on the small number of tourist

visits in Pecaringan Hill Tourism in Jarak Village, Wonosalam District, Jombang Regency. The following is the data of Pecaringan Hill Tourism visits:

Table 1. Number of Pecaringan Hill Tourism

Year	Sum
2020	147
2021	281
2022	210
2023	230

Source: Processed by the author from POKDARWIS Jarak Village, 2023

Based on the data in the table above, it can be seen that tourist visits in Pecaringan Hill Tourism destinations are still relatively few every year, where the least visits occurred in 2020 after the Covid-19 outbreak, namely with 147 tourists, as well as in the following years, although there has been an increase from 2020, but still relatively low, namely in 2021 with 281 tourists, and decreased again in 2022 with 210 visitors and in 2023 there were 230 visitors. This indicates that Pecaringan Hill Tourism needs development in terms of its resources, both human resources and tourist facilities and tourism support facilities and tourism supporting products to become a well-developed tourist destination and can increase the number of tourist visits and increase the village's original income.

Starting from the small number of tourist visits in Pecaringan Hill Tourism in Jarak Village, Wonosalam District, Jombang Regency due to obstacles and various problems that exist in the development of Pecaringan Hill Tourism. So the researcher wants to know how to model pentahelix In development Pecaringan Hill Tourism in Jarak Village, Wonosalam District, Jombang Regency. The author uses model theory (Irawan, 2021). In the theory there are Synergy between five elements, namely: Academic, business, government, community, and media (ABGCM) in order to develop knowledge innovations that have the potential to be transformed into products or services that have economic value. In addition, it is to involve and support authorities at various levels together with other stakeholders in various sectors to improve the development and implementation of an activity.

These five elements are suitable if used as a reference to know and measure how the pentahelix model is used in the development of Pecaringan Hill Tourism because these five elements are able to answer the problems that exist in Pecaringan Hill Tourism, besides that they are also in accordance and relevant to the Regulation of the Minister of Tourism of the Republic of Indonesia Number 14 of 2016 concerning Guidelines for Sustainable Tourism Destinations. In the regulation, it is explained that to create, ensure the quality of activities, facilities, services, and to create tourism experience and value benefits in order to provide benefits and benefits to the community and the environment, it is necessary to encourage the tourism system through optimizing the role of academic, business, government, community, and media (ABGCM). The Pentahelix model is also an extension of the triple helix model which involves both elements of society and non-profit institutions with the aim of realizing innovation (Putri & Hertati, 2023). Innovation in this case is combining something that has been created and utilized. Products, services, business operations, marketing, delivery methods and policies can all be improved through innovation, providing benefits to the business, stakeholders and society masyarakat (Hertati, 2023).

The key to success in tourism development using the model pentahelix is the existence of cooperation and mutual synergy between Stakeholders stakeholders involving the government, communities as representatives of the community, academics and business actors, and the

media (Sentanu et al., 2021). According to Maulana et al. (2022) type pentahelix In tourism development is still lacking, this is because collaboration between actors has not run well due to the tendency of actors to run independently and mistrust between actors.

Based on the description above, it encourages the author to focus on finding facts in the field related to how and to what extent the involvement of related actors in the development of Pecaringan Hill Tourism. The purpose of this study is to determine the involvement of each actor in maintaining their synergy to optimize the collaboration of the Penta helix model in Pecaringan Hill Tourism Development. So, the formulation of the problem is "How is the Pentahelix Model in the Development of Pecaringan Hill Tourism in Jombang Regency?".

Methods

The research method used in this study is descriptive research with a qualitative approach as a process of collecting in-depth data to know, describe, and analyze related models pentahelix in the development of Pecaringan Hill Tourism in Jombang Regency. According to Moleong (2021), Qualitative research is research that intends to understand phenomena about what is experienced by research subjects such as behavior, perception, motivation, action, holistically and by way of description in the form of words and language, in a special natural context and by utilizing various natural methods. This research contains actual and factual descriptions and interviews conducted in depth on research subjects that can provide a clear picture of the model pentahelix in the development of Pecaringan Hill Tourism in Jarak Village, Wonosalam District, Jombang Regency. So that researchers use qualitative methods carried out in natural conditions, and focus on data in the form of words and images that are relevant to the research being conducted. In addition, researchers also try to understand information from sources so that researchers can provide recommendations in the form of solutions related to research problems.

The author chose and determined the location of the research in Jombang Regency by requesting data at the Jarak Village Government, Wonosalam District, Jombang Regency. The selection of this research location is based on the circumstances and situations that are the material of research. So, researchers are interested in taking the research location in Pecaringan Hill Tourism in Jombang Regency.

The formulation of qualitative research problems is referred to as the focus of research. The determination of the focus of research on qualitative research is needed to limit the studies to be discussed and function to meet the discussion criteria and assist the implementation of research by referring to points or indicators of problems to be explored related to the pentahelix model in the development of Pecaringan Hill Tourism.

The technique of determining informants in this study is a technique purposive. Technique purposive is a sampling method where pre-research ensures citation by determining the identity that matches the research objectives (Abdussamad, 2021). So that in this study, researchers will consider and choose sources who have a relationship with the things studied, namely related to the model pentahelix in the development of Pecaringan Hill Tourism in Jombang Regency. Then the data analysis technique used in this study is a Miles and Huberman data analysis technique. Data analysis techniques according to Miles & Huberman (2014), there are data analysis techniques developed with interactive models.

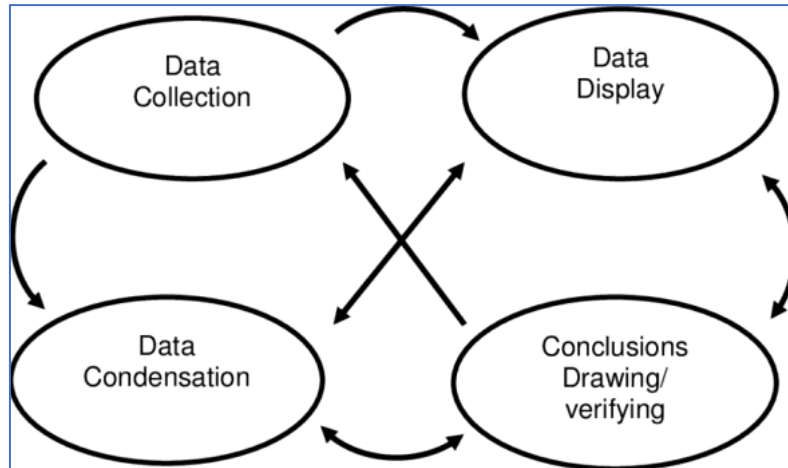


Figure 1. Components of Data Analysis: Interactive Model

Source: (Miles & Huberman, 2014)

According to the drawing of Miles and Huberman's data analysis technique, data analysis techniques are divided into 4, namely the first Data Collection which is the process of recording, typing, or writing data in the form of words, so it is not just a series of words. Second, Data Condensation which is an analysis activity to sort, focus, and organize data so that it can draw final conclusions.

Third, Data Presentation (Data Display) which is a collection of emphasis that will be drawn conclusions, where the presentation of data in qualitative research is in the form of narrative text. Fourth, Conclusion and Verifying Drawing which is a conclusion to draw conclusions related to the data obtained.

Results and Discussion

In this section the author will explain and elaborate related to the results and discussion of research on the model pentahelix in the development of Pecaringan Hill Tourism in Jombang Regency. To find out how and how far the model is pentahelix in the development of Pecaringan Hill Tourism in Jombang Regency, it refers to the focus of research Irawan (2021) which has 5 elements in the model pentahelix in tourism development, namely (1) Academics (2) Business (3) Government (4) Community (5) Media.

Academics

Academics on the model pentahelix Acting as a drafter which in this case is a source of knowledge with new ideas and innovations relevant in tourism development (Rochaeni et al., 2022). Based on the author's findings in the field, it shows that the development of Pecaringan Hill Tourism in Jarak Village, Wonosalam District, Jombang Regency, there are two academics, namely academics of Petra Christian University Surabaya and National Development University "Veteran" East Java who contribute to the development of Pecaringan Hill Tourism based on the role of the academics themselves as drafters, which are manifested in various forms of activities such as: identify the type of tour offered, Branding Tourism through digital media, procurement of facilities Sign System as tourism support facilities, and short and long-term planning in the context of developing Pecaringan Hill Tourism in the form of community service modules and Grand Design Pecaringan Hill Tour.

Based on the results of the author's research in the field, Mr. Agus Darminto as the Head of Jarak Village said that the role and other efforts made by academics are to contribute to providing training for the community related to tourism management in Jarak Village,

Wonosalam District, with the form of training in the form of providing materials related to tourism management to produce superior and competitive Human Resources (HR). This is in accordance with research from Sudiana et al. (2020), that academics are actors who contribute to the development of Human Resources (HR) that have been equipped with science. Some obstacles or obstacles felt by academics in the development of Pecaringan Hill Tourism, conveyed by Cahya are still lacking Mindset and the lack of tourism charm and the lack of openness of tour managers to academics. According to Cahya, this is due to the lack of trust of tourism managers, namely POKDARWIS Jarak village and the Government of Jarak village to KKN students.

Then from these results it can be seen that the important role played by academics in shaping the direction of tourism development is because they act as designers, providing invaluable knowledge, innovative ideas and expertise related to this industry. In particular, academic institutions Petra Christian University Surabaya and National Development University "Veteran" East Java were highlighted for their major contributions in various aspects of tourism, including planning, branding initiatives and community training programs. These efforts signal proactive engagement with local stakeholders and a commitment to encouraging sustainable tourism practices in the region.

However, despite the efforts of academics, this research reveals significant barriers that prevent the full realization of their contributions. An important challenge highlighted is the lack of trust shown by tourism managers in academic input and initiatives. This lack of trust poses a major barrier to effective collaboration and knowledge exchange between academics and industry practitioners. Therefore, this underlines the importance of implementing strong confidence-building measures and encouraging a closer collaboration framework between academia and the tourism sector.

The identified barriers underscore the need for proactive steps to address the trust deficit and facilitate more fruitful collaboration between academia and tourism stakeholders. Initiatives such as encouraging open dialogue platforms, establishing joint research projects, and facilitating knowledge sharing networks can serve as effective mechanisms to bridge the gap between academia and industry. Additionally, cultivating a deeper understanding of the specific needs and challenges faced by tourism managers can enable academics to tailor their contributions more effectively, thereby increasing their relevance and impact within the sector.

Business

Business in the model pentahelix has the role of Enabler. Business by Irawan (2021), is an entity that can carry out a change process in creating added value and maintaining sustainable growth. This can be done with activities such as: presenting technology, information and communication infrastructure that supports changes in human resources, business processes and promotion towards digital. Sudiana et al. (2020), said that the role of business to be able to support innovation includes capital support, business cooperation, and CSR. In the development of Pecaringan Hill Tourism which acts as a business is business actors, namely the Ngudi Rejeki Livestock Group and the Ngudi Rejeki MSME Group which in fact are business actors of tourism supporting products.

Based on the results of the author's interviews in the field, in carrying out tourism development efforts, business actors or tourism supporting products play an important role, as one of the strategies in developing tourism. According to Mrs. Nurul, the role of business in this case is through activities that support changes in Human Resources (HR), namely conducting coaching and training related to packaging and education related to composition in food and beverages, as well as conducting FGD / Forum Group Discussion. Even so, the role of the

private sector has not been seen in the development of Pecaringan Hill Tourism in Jombang Regency, and there are still several obstacles, namely related to capital and human resource problems that are less digital technology literate, as well as obstacles related to exhibition space that cannot be run if there are no other events that support the running of the exhibition.

Then from these results, it can be seen that the role of business in this case the Ngudi Rejeki Livestock Group and the Ngudi Rejeki MSME Group have carried out their role as enablers in the development of Pecaringan Hill Tourism in Jarak Village, Wonosalam District, Jombang Regency, which emphasized increasing business and supporting products for tourism development. There is an added value in terms of human resources through coaching and training carried out, but it is still not optimal because there are still several obstacles, namely related to capital problems and human resources that are less digital technology literate, as well as obstacles related to exhibition space that cannot be run if there are no other events that support the running of the exhibition. In addition, in the development of Pecaringan Hill Tourism in Jombang Regency itself, there are no private parties involved and cooperate directly in supporting the realization of development.

Government

Government in the model pentahelix acts as a regulator as well as a coordinator who coordinates with other actors. The government is involved in various activities such as: planning, implementation, monitoring, controlling, promotion, licensing, programs, legislation, development and knowledge, as well as support for innovation networks and partnerships, as well as playing a role in coordinating stakeholders who contribute to the development of tourism potential (Oktaviarni et al., 2023). According to Sudiana et al. (2020), the government has authority in the field of law and public policy, in this case the government deals with licensing, policies, incentives, grants that can be allocated to support the development of innovation and also the provision of basic infrastructure. Apart from being a regulator and coordinator, the government also acts as a facilitator involved in tourism development efforts.

This is in accordance with the results of the author's interview in the field, namely government support as a regulator as seen from the legal products issued for the tourism sector, namely in the Regional Regulation of Jombang Regency No. 2 of 2021 concerning Tourism Implementation, it is explained that tourism development can be carried out through activities such as: providing facilities, coaching, supervision, awards, and evaluation to obtain the results of the implementation of development to what extent and so that the implementation of further activities can be carried out more optimally.

In addition, according to Mr. Agus Darminto, the Government conducts coaching, supervision, and conducting evaluations on an ongoing and continuous basis. In the development of tourism in Jarak Village, guidance was carried out on the Tourism Awareness Group (POKDARWIS) by the Jarak Village Government to increase knowledge in the context of developing Pecaringan Hill Tourism. Then, supervision and evaluation of other actors who support the development of Pecaringan Hill Tourism are carried out

Furthermore, Mr. Agus Darminto as the head of Jarak Village also said that the government has carried out its role as a coordinator in the development of Pecaringan Hill Tourism through coordination in mobilizing other actors to realize the development of Pecaringan Hill Tourism shown through collaborative activities with other parties such as academics and also the media, so that efforts in the development of Pecaringan Hill Tourism will run optimally and be able to increase the number of visits on Pecaringan Hill Tourism and can help increase PAD and improve the economy of the people of Jarak Village. Then the government carries out its role

as a facilitator through its role in efforts to develop Pecarigan Hill Tourism by providing support in the form of providing tourism support facilities such as facilities and infrastructure as well as road infrastructure to Pecarigan Hill Tourism destinations that are able to support the development of Pecarigan Hill Tourism. However, there are still obstacles felt by the government caused by the views of the community who are still old-fashioned, less aware of tourism and also have low technological capabilities, so sometimes there are some coordination that has been carried out by the village government is not well received by the community.

Then from these results it can be seen that the government has a multifaceted role as regulator, coordinator and facilitator in encouraging the development of Pecarigan Hill Tourism. Through providing a legal framework, the government lays the foundation for sustainable tourism practices and ensures compliance with regulations. In addition, government involvement also includes infrastructure support, which is important to improve accessibility and visitor experience at tourist destinations such as Pecarigan Hill. By investing in infrastructure development, such as roads and facilities, the government aims to increase tourism activities and attract more visitors to the region.

In addition, this research highlights various government initiatives aimed at encouraging the growth of Pecarigan Hill Tourism. These initiatives include legal support, guidance, supervision and infrastructure development, reflecting the government's commitment to developing the tourism sector. However, despite these efforts, this research also highlights several challenges that hinder the effectiveness of government interventions. These challenges include public attitudes, awareness gaps, and technological limitations, which pose significant obstacles to the realization of tourism development goals.

Community attitudes play an important role in determining the success of government initiatives, as community support and endorsement are essential for the development of sustainable tourist destinations. Overcoming misunderstanding or resistance within communities requires targeted strategies aimed at growing awareness, encouraging dialogue, and building trust between local residents and government authorities. Additionally, bridging the awareness gap through educational campaigns and community engagement programs can help foster an environment that is more receptive to tourism development initiatives.

In addition, technological limitations are also an obstacle to effective government intervention, especially in the context of digital infrastructure and communications technology. Increasing literacy and access to technology among local communities can facilitate more efficient coordination, information dissemination and stakeholder engagement processes. By investing in capacity building programs and leveraging digital tools and platforms, governments can overcome these technological barriers and improve their ability to effectively support tourism development initiatives.

Community

Community in the model Pentaheix acting as an accelerator. According to Irawan (2021), community involvement in the model pentahelix Having an important role, the community has the ability to participate in encouraging the creation of innovation in tourism development. The community can get input and knowledge about tourism management and development through existing communities. The community acts as an intermediary or liaison with other stakeholders to help tourism development. The existence of a community for a tourist destination can also have an influence through its existence as Support System, the community is also a place to exchange experience and information (Ishak & Sholehah, 2021).

Based on the results of the study, according to Mas Widiyanto as the head of the Jarak Village Tourism Awareness Group, the community in the development of Pecarigan Hill Tourism is

POKDARWIS Jarak village, Wonosalam District, Jombang Regency which is a forum for the people of Jarak Village who have an interest in tourism to be able to gather and develop.

Mas Widiyanto further explained that the involvement of POKDARWIS Jarak village in the development of Pecarigan Hill tourism in Jombang Regency is quite large in supporting efforts to develop Pecarigan Hill Tourism. This is shown by the support provided by POKDARWIS Jarak village in various events carried out in the context of branding tourism supporting products in an effort to develop tourism through activities or events. Such as the Tumpengan Manggis Festival event organized by the Jarak Village Government in an effort to brand tourism supporting products in the context of tourism development. According to Mr. Agus Darminto as the Head of Jarak Village, the existence of POKDARWIS Jarak Village also plays a role in assisting the Jarak Village government in networking with other tourism communities and interested parties for the smooth running of events or events that are being run.

Then from these results, it can be seen that there is community involvement as an accelerator in supporting the development of Pecarigan Hill Tourism in Jombang Regency in various events carried out in the context of branding tourism supporting products and communication as well as coordination with other parties in tourism development efforts. However, in this case, the involvement of the Jarak deVillage POKDARWIS is still not optimal, this is because there are still obstacles in its implementation due to not many POKDARWIS members who are literate in technology and not fully aware of the charm of tourism and there are still POKDARWIS who close information / are less open with other actors.

Media

Media in the model pentahelix Cast as Expander. According to Sudiana et al. (2020), the media has a role in conveying information related to all sorts of variables needed by stakeholders. Publications carried out must have the aim of being able to provide educational knowledge for the community. Social media has a close relationship with people's lives in today's digital era. Through social media, information can be disseminated and received by the public easily and quickly and reliably to promote a tourist area into a tourist destination and have a major impact in encouraging tourist mobility (Nurjanah, 2018).

Based on the results of the research, according to Mr. Agus Darminto, the media has a role to be able to publish in the context of developing Pecarigan Hill Tourism in Jombang Regency through promotion on Instagram social media by displaying content about Pecarigan Hill Tourism. Then, according to Mr. Agus Darminto, another role shown by the media in the development of Pecarigan Hill Tourism is cooperation with the Jawa Pos Radar Jombang media in branding and tourism and the creation of a new image for Pecarigan Hill Tourism. In addition, the media is also a means of getting feedback from visitors to Pecarigan Hill Tourism which can be used as evaluation material and inspiration for the development of Pecarigan Hill by Pecarigan Hill Tourism managers in the future.

With the branding of tourism by media such as Jawa Pos Radar Jombang, it helps and provides plus points for efforts to develop Pecarigan Hill Tourism so that more people can know about the existence of Pecarigan Hill Tourism in Jombang Regency. In addition, it can be a fast means for publication and can be relied upon to promote a tourist area into a tourist destination and have a major impact in encouraging tourist mobility.

Thus, from these results, it can be seen that the media has carried out its role as an expander in the development of Pecarigan Hill Tourism by publicizing or branding the development of Pecarigan Hill Tourism. Although there are still obstacles in the use of Instagram social media by Pecarigan Hill Tourism managers, because it is still not widely known by the wider

community and there is still a lack of knowledge in the use of social media so that it is unable to present informative and interesting content for the wider community to visit the Pecaringan Hill Tourism Instagram profile.

Conclusion

In the results and discussions related to the pentahelix model in the development of Pecaringan Hill Tourism that has been carried out, it can be concluded that the collaboration of the pentahelix model in the development of Pecaringan Hill Tourism in Jombang Regency has been realized and carried out with the continuity of actors that are quite stable. This collaboration is carried out by five pentahelix actors, namely academics, business, government, communities, and the media. The government as the leading sector coordinates pentahelix actors in the development of Pecaringan Hill Tourism. Furthermore, it was found that the implementation of this pentahelix model collaboration has been realized, the involvement of each actor in maintaining their synergy to optimize the pentahelix model collaboration in Pecaringan Hill Tourism Development is considered to be quite stable, but still has not had a significant impact on the development of Pecaringan Hill Tourism. This is evidenced by the number of visitors on Pecaringan Hill Tourism which is still relatively small every year. Although some actors still have obstacles, it does not mean that the implementation of collaboration has not been realized properly. It's just that there needs to be an increase in efforts by several pentahelix actors in the implementation of tourism development and a change in the mindset of the community to be more aware of the charm of tourism.

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