

## Analysis of Natural Resource Potential in Ciwaru Village, Sukabumi Regency, as a Basis for Ecotourism Development

Zuraydha Juaeni Putri<sup>1</sup>, Michele Yudith Hapsari Lumbanraja<sup>2</sup>, Kaiyya Maura Nadhifa<sup>3</sup>

1,2,3 Department of Political Science, Universitas Negeri Surabaya, Indonesia

### ABSTRACT

**Background.** Ciwaru Village, located in Sukabumi Regency, has significant natural resource potential for development as an ecotourism area. Its natural beauty, agricultural sector, and local culture are attractions that can support the development of environmentally-based tourism. Furthermore, the presence of a river with clean, clear water offers opportunities for sustainable water tourism development.

**Purpose.** This study aims to identify potential resources that can be developed into ecotourism in Ciwaru Village and to analyze the condition of supporting infrastructure available in the village.

**Method.** This research used a qualitative method with a literature review approach. Data were obtained from various literature, documents, and written sources relevant to village potential and ecotourism development.

**Results.** The research results show that Ciwaru Village has potential natural resources, including water resources, agriculture, and local culture. The river, with its clean and clear water, has been utilized by the community for water tourism activities such as white-water rafting. Local agricultural and cultural potential can also be developed as additional attractions within an integrated ecotourism concept.

**Conclusion.** Ciwaru Village has significant potential for development as an ecotourism destination based on natural resources and community participation. This development requires support from infrastructure improvements and sustainable planning to deliver economic benefits without compromising environmental sustainability and local culture.

### KEYWORDS

Ciwaru Village, Ecotourism, Agriculture, Natural Resources

### INTRODUCTION

Ecotourism is a form of tourism that focuses on visits to natural areas with the aim of enjoying and appreciating the natural beauty and biodiversity of the area. Tourists can also observe how environmental conservation and empowerment of local communities are carried out. The concept of ecotourism itself prioritizes the principle of sustainability, meaning tourism activities must be conducted without damaging the local environment and must provide economic and social benefits to the local community. Ciwaru Village in Sukabumi Regency has a wealth of diverse natural resource potential. This village has many opportunities to become an ecotourism destination thanks to its extraordinary natural beauty. Ecotourism is not

#### Correspondence:

Zuraydha Juaeni Putri

[zuraydha.23027@mhs.unesa.ac.id](mailto:zuraydha.23027@mhs.unesa.ac.id)

**Received:** February 1, 2026

**Accepted:** February 14, 2026

**Published:** February 26, 2026



just about tourism; it also focuses on environmental conservation and empowerment of local communities. Therefore, analyzing the natural resource potential of Ciwaru Village is crucial for developing a sustainable ecotourism development plan. This area is also known for local

agricultural products, such as mangoes. Furthermore, Ciwaru Village also boasts several natural attractions that tourists can explore, such as the waterfalls and beaches in Ciwaru Village. One of the beaches frequently visited by tourists in Ciwaru village is Palangpang Beach, with its unique stretch of white sand, attracting many visitors. Furthermore, fishing activities and marine tourism are supported by the surrounding marine ecosystem.

The mangrove forests surrounding this village not only play a vital role in maintaining the coastal ecosystem but also provide educational tourism opportunities, such as bird watching and nature exploration. Ciwaru Beach boasts stunning views and is ideal for water activities like snorkeling and surfing.

VillageCiwaru boasts abundant natural resources, attracting tourists seeking authentic, close-to-nature experiences. The forests surrounding the village are home to diverse flora and fauna. These forests also offer opportunities for outdoor activities such as camping, trekking, and bird watching. The surrounding rivers are also suitable for whitewater rafting and other water activities. Therefore, the existing natural potential can be maximized to create an engaging and educational tourism experience.

However, Ciwaru Village ecotourism must be developed carefully. A comprehensive and sustainable approach that actively involves the local community is required. To ensure local communities directly benefit from tourism, they must be involved in every stage of development, from planning to implementation. Improving the community's capacity to manage natural resources sustainably will be achieved through empowering them with education and training on ecotourism management.

Ecotourism development must also consider conservation. Uncontrolled tourism can cause environmental damage such as deforestation, water pollution, and biodiversity loss. Therefore, every ecotourism activity must be based on effective management and the application of sustainability principles. This will not only preserve the environment but also enhance the attractiveness of Ciwaru Village as an eco-friendly tourist destination.

Therefore, it is hoped that this research will make a significant contribution to the development of ecotourism in Ciwaru Village and serve as a reference for other areas with similar potential. By using an integrated and sustainable approach, Ciwaru Village can become an attractive ecotourism destination while preserving its natural beauty and local traditions.

## RESEARCH METHODOLOGY

This research was conducted using a qualitative research method by searching for related literature studies in this journal. By analyzing journals, articles, and related news that have been published regarding the potential of natural resources in Ciwaru Village and the development of ecotourism in Ciwaru Village. Through qualitative research, the author can determine what the potential natural resources are in Ciwaru Village and how the local community can develop ecotourism in the village area. This research also focuses on the challenges and obstacles in Ciwaru Village in developing ecotourism, as well as observing how the condition of infrastructure and supporting facilities in Ciwaru Village can affect the development of ecotourism in the village.

## RESULTS AND DISCUSSION

### Natural Resource Potential in Ciwaru Village

villageCiwaru boasts diverse natural resource potential, including the village's biodiversity, water resources, agriculture, and local culture. Surrounded by tropical rainforest, Ciwaru Village

boasts a rich biodiversity. Ciwaru Village boasts a diverse flora, including tree species, medicinal plants, and endemic plants with high conservation value.

Flowing riverThe Ciwaru village area has significant potential for developing ecotourism. The clean, clear water can be utilized for activities such as whitewater rafting, river trekking, and other water activities. Abundant water resources can support the community's need for clean water and attract tourists to enjoy the natural scenery. However, maintaining the quality and sustainability of these water resources requires proper management.

Agricultural land in the villageCiwaru has significant potential for development into an environmentally friendly organic farm. The community in Ciwaru village is beginning to implement sustainable agricultural practices, which could attract tourists curious about organic farming and local products. The village's spice and coffee plantations could also become a tourist attraction; visitors can participate in the harvesting process and learn about the production process.

To develop ecotourism, the rich local culture in the VillageCiwaru, including its customs, arts, and cuisine, can be promoted as part of tourism experiences, such as art performances, cultural festivals, and traditional foods. These activities not only provide a tangible experience for tourists but also strengthen the cultural identity of the local community.

### **Infrastructure Conditions**

Condition of infrastructure in the villageThe quality of the roads connecting Ciwaru village to the surrounding areas varies considerably. While some may be paved, others may still be dirt or gravel, which can make access difficult, especially during the rainy season. To improve accessibility for local residents and tourists, road repairs and maintenance are needed in Ciwaru village.

In the villageIn Ciwaru, cleanliness and environmental preservation are crucial. Local communities have made efforts to preserve their environment, but educational programs and active participation from everyone are needed to raise awareness of the importance of maintaining cleanliness and environmental sustainability.

### **Ecotourism Development**

VillageCiwaru in Sukabumi Regency has great potential for ecotourism development due to its extraordinary natural beauty and rich biodiversity. The village offers an authentic and sustainable tourism experience thanks to its tropical forests, clear rivers, and distinct local culture.

Mapping of village natural resource potentialCiwaru can be used to initiate ecotourism development. The extensive forest allows for trekking and wildlife observation. The river surrounding the village can also be used for whitewater rafting and other water activities. These activities benefit the local community as well as attract tourists.

Community involvement in ecotourism development is crucial. To ensure local communities directly benefit from ecotourism planning and management, they must be involved. Training on ecotourism management, local product marketing, and tourist services should be provided. Ecotourism development in Ciwaru Village will preserve local culture and the environment, boost the local economy, and establish Ciwaru Village as an attractive and sustainable tourist destination in the future.

### **CONCLUSION**

Ciwaru Village in Sukabumi Regency boasts abundant natural resources, including biodiversity, water resources, agricultural land, and a rich local culture. Surrounded by tropical rainforests home to a diverse range of flora and fauna, the clear rivers offer opportunities for ecotourism activities like whitewater rafting and trekking. Tourists interested in learning about sustainable agriculture may be interested in the organic farming practices being adopted by the local community.

However, the condition of the village infrastructureCiwaru needs improvements to maximize this potential, particularly in terms of road accessibility. To maintain the village's attractiveness as a tourist destination, cleanliness and environmental preservation are other crucial

factors that must be considered for the development of Ciwaru Village ecotourism. Local community involvement is crucial. Capacity building is crucial by providing training in ecotourism management and marketing local products. Developing ecotourism in Ciwaru Village will preserve culture and the environment, boost the local economy, and establish the village as an attractive and sustainable tourist destination in the future.

## REFERENCES

- Arman, P., Lenggono, S., Baksh, R., Purwandaya, B., Agustin, H., K., M., Agusalm, L., Kharishma, V., & Mahardika, R.I. (2018). Final report on the preparation of recommendations, data, and information in the field of basic services in the development of rural infrastructure. Ministry of Villages. <http://info.trilogi.ac.id/repository/assets/uploads/DKV/a24e0-lap-akhir-penyusunan-rekomendasi.pdf>
- Ibrahim, MM, & Adiputra, A. (2023). Analysis of the Ciletuh–Palabuhanratu Geopark as an educational tourism attraction. *Satwika: Studies in Cultural Sciences and Social Change*, 7(2). <https://doi.org/10.22219/satwika.v7i2.28037>
- Raharjo, ST, Apsari, NC, Santoso, MB, Wibhawa, B., & Humaedi, S. (2019). Community-based ecotourism (CEB): Initiating a tourist village in the Ciletuh-Sukabumi Geopark area. *Share: Social Work Journal*, 8(2), 158. <https://doi.org/10.24198/share.v8i2.19591>
- Social, D., Worker, E., Gold, T., Di, T., Ciwaru, D., Ciemas, K., & Sukabumi, K. (2015). Chapter I introduction (pp. 1–6).
- Toha, M., Zuana, M. M. M., & Isbahi, M. B. (2025). Acculturation of Mataraman Local Wisdom with Islamic Values: Implications for Social and Economic Development. *Danadyaksa: Post Modern Economy Journal*, 2(1), 33–47. <https://doi.org/10.69965/danadyaksa.v2i1.143>
- Zuana, M. M. M., Toha, M., & Isbahi, M. B. (2024). Exploration of Community Empowerment in a Village as the Entrance to a Lake in East Java. *Malacca: Journal of Management and Business Development*, 1(1), 48–56. Retrieved from <https://e-journal.bustanul-ulum.id/index.php/malacca/article/view/52>

### Copyright Holder:

©Zuraydha Juaeni Putri, Michele Yudith Hapsari Lumbanraja, Kaiyya Maura Nadhifa  
(2026)

### First Publication Right:

©Pravda: Social Science Multidisciplinary Journal

This article is under:

