

SOCIO-CULTURAL IMPACTS OF DEVELOPMENT CHANGES IN PEOPLE'S LIFESTYLE AND ENVIRONMENT

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Abstract

Development is a complex process that has significant impacts on the social, cultural and environmental aspects of society. This research aims to explore the socio-cultural impacts of development, especially in the context of changes in people's lifestyle and their interaction with the environment. Through a qualitative approach and literature review, this research identifies various impacts generated by development, including changes in social interaction patterns, transformation of cultural values, as well as environmental damage. The findings show that infrastructure development and modernization often lead to the loss of local wisdom and traditional values, and increase individualism among communities. In addition, negative impacts on the environment, such as pollution and degradation of natural resources, also affect the way of life of people who depend on the ecosystem. This research also highlights the importance of integrating local wisdom as an adaptation strategy in sustainable development. The proposed policy recommendations include the integration of the Sustainable Development Goals (SDGs), increasing community participation in decision-making, and strengthening environmental protection policies. Thus, this research provides an important contribution in formulating more inclusive and sustainable policies to achieve a balance between economic progress and cultural and environmental preservation.

Keywords: Development, Socio-cultural Impact, Local Wisdom, Sustainable Policy, Environment.

Introduction

Development is a complex and multidimensional process that aims to improve people's quality of life. However, as progress is made, the social and cultural impacts of development are often overlooked. In many countries, especially in developing countries, rapid infrastructure and economic development can drastically change people's lifestyle. These changes not only include economic aspects, but also involve transformations in social interactions, cultural values, and human relationships with the environment.

In the context of increasing globalization, communities are faced with the challenge of maintaining their cultural identity amidst modernization. Development that does not pay attention to social and cultural aspects can lead to the loss of local wisdom, as well as disrupt the social structure that has been formed over the years. In addition, the environmental impact of development cannot be ignored; development activities often contribute to the destruction of ecosystems and the degradation of natural resources, which in turn affects people's way of life.

Changes brought about by development often create new challenges for communities. For example, infrastructure development can improve accessibility and mobility, but it can also cause shifts in previously tightly knit patterns of social interaction. In many communities, especially in rural areas, the presence of development often results in the migration of people to big cities in search of employment opportunities,

which in turn changes the demographic structure and social dynamics.

In addition, development also has the potential to change the cultural values of the community. Globalization and modernization often bring external influences that change the way people view life. Traditional values can be displaced by consumptive and individualistic lifestyles that are more influenced by global trends. This can lead to a loss of local cultural identity and damage local wisdom that has existed for centuries.

From an environmental perspective, the impact of development cannot be ignored. Development activities often contribute to environmental damage, such as pollution and degradation of natural resources. These changes not only impact the ecosystem but also the way of life of people who depend on the environment to fulfill their daily needs.

Therefore, it is important to conduct an in-depth study of the socio-cultural impacts of development. This research aims to explore how development affects people's way of life and the environment, and how communities can adapt to these changes. By understanding the relationship between development, social change and environmental impacts, we can formulate more sustainable and inclusive policies.

Thus, analyzing the socio-cultural impacts of development is crucial to formulating more inclusive and sustainable policies. Understanding the interactions between development, people's lifestyles, and the environment will help in creating strategies that not only focus on economic growth but also consider social and cultural sustainability. This approach is expected to generate long-term benefits for all parties without compromising local cultural values and environmental health.

The novelty of this research lies in the interdisciplinary approach used to explore the socio-cultural impacts of development. By combining sociological and anthropological perspectives, this research not only focuses on the negative impacts of development, but also highlights the potential of local wisdom as a resource to overcome the challenges faced. In addition, this research utilizes qualitative methodology through a literature review to identify common patterns as well as differences in community responses to development across different contexts.

The qualitative methodology applied in this research includes a literature review of various academic sources and relevant case studies. With this approach, it is hoped that a deeper understanding of the socio-cultural impacts of development as well as adaptation strategies that can be implemented by communities can be gained. This research aims to make a significant contribution to the literature on sustainable development by emphasizing the importance of integration between social, cultural and environmental aspects in the development process.

Through this journal, it is hoped to provide new insights into the importance of integration between social, cultural and environmental aspects in the development process. This research will not only highlight the challenges faced by communities due to development, but also offer solutions to achieve a balance between economic progress and the preservation of cultural values and environmental sustainability.

RESEARCH METHODS

This research used a qualitative approach with a literature study method to explore the socio-cultural impacts of development on changes in people's lifestyles and the environment. This approach was chosen because it allows researchers to dig deeply into the meanings and perceptions given by individuals or groups related to the impact of development, as well as to understand the social dynamics that occur.

RESULTS AND DISCUSSION

A. Socio-cultural Impact of Development

1. Findings on Changes in Social Interaction Patterns

Development, especially in infrastructure and technology, has significantly changed the pattern of social interaction. In Kampung Adat Urug, for example, research shows that development has caused changes in the way people interact. Previously close social interaction patterns began to fade, and different social stratification occurred due to the influx of new elements from outside (Mufattihah, n.d.). In addition, with the construction of roads and better accessibility, communities

become more open to interactions with outsiders, but on the other hand, this can also lead to a reduction in interactions among local community members (Jasupa et al., 2018).

In another study “the impact of the construction and development of tourist attractions on the lives of fishing communities in the banana river of Padang city” the results of the study explained that the impact of the construction and development of tourist attractions Where in the social field of fishing communities there have been changes before and after the construction and development of these attractions, for example before the construction and development of tourist attractions fishing communities are still categorized in traditional communities that uphold a sense of empathy and socialization among communities. However, after the construction and development of tourist attractions has had an impact on the social life of the community where there has been a change where the community has less social interaction or more individualism, for example not concerned with the surrounding conditions, then the social values of the fishing community have been reduced as it is not concerned with the values of togetherness in the midst of the fishing community (Anggraini, 2020).

The consequences of development can also be potentially negative for the community because the community can be easily influenced by social values from outside the area, so that it can affect social interactions that have been formed in the community.

2. Findings on the Transformation of Cultural Values

Development also contributes to the transformation of cultural values in society. Globalization and modernization often bring new values that conflict with local traditions. For example, consumptive and individualistic lifestyles come to the fore as new products enter the market. People are starting to adopt a more westernized lifestyle, which may result in the loss of traditional values and local wisdom that have existed for centuries. In addition, while there is increasing attention to the preservation of traditional cultural arts, commercialization often degrades the artistic values embodied in local culture.(Langingi, 2023)

Technology and globalization have also resulted in a shift in cultural values in the city of Kupang, according to a study entitled “TRANSFORMATION OF LOCAL CULTURAL VALUES IN THE DIGITAL ERA IN GENERATION Z KUPANG CITY”. This research shows that the digital era has greatly influenced changes in local cultural values among Generation Z in Kupang City. Digital technology provides easy access to information related to local culture through various platforms such as social media. Direct interaction with cultural traditions has been replaced by the consumption of digital content, which makes the deep meaning of local culture often overlooked. Social values such as mutual cooperation and respect for ancestors are increasingly displaced by the patterns of individualism promoted by global culture (Tanggur et al., 2025).

To maintain the sustainability of local culture, digital technology also opens up great opportunities. Social media and digital platforms can be utilized to introduce cultural traditions in a way that is more interesting and appropriate for Generation Z. Collaboration between cultural communities, the government and the younger generation in producing educational digital content is an important step to preserve local culture. A strategy that involves various parties is needed so that technology can act as a means of preserving culture, not as a factor that obscures local values.

3. The Impact of Development on the Environment and People's Way of Life

The impact of development on the environment cannot be ignored. Development activities often cause environmental damage, such as pollution and degradation of natural resources. This has

a direct impact on the way of life of people who depend on the environment to fulfill their daily needs. For example, tourism development can increase local income but can also cause damage to local ecosystems and change the way communities interact with their environment. In this context, it is important to find a balance between economic progress and environmental preservation so that the negative impacts of development can be minimized.

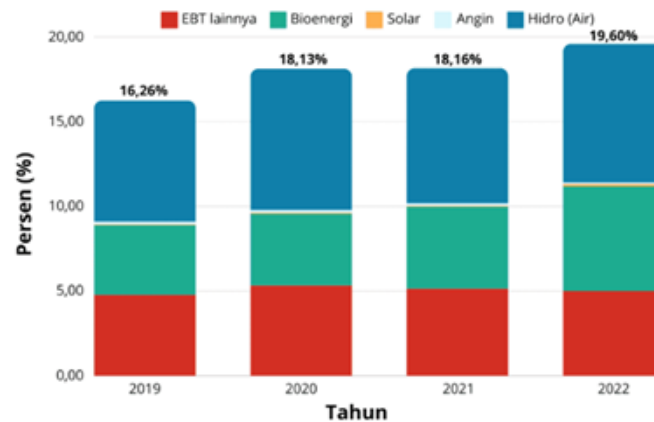
The development process often results in air, land and water pollution. Industrial development that is not environmentally friendly can release hazardous waste into the soil and rivers, and increase greenhouse gas emissions. This results in deteriorating air quality, which in turn affects public health.(Astuti & Purnomo, 2021) In addition, noise pollution due to construction activities is also a significant problem for surrounding communities.

Overall, the socio-cultural impacts of development show that while there are significant economic benefits, the changes that occur in patterns of social interaction and cultural values need to be taken seriously.

In overcoming damage to the environment, communities and even countries can use development with renewable energy as in the study entitled THE IMPACT OF GREEN ENERGY TRANSFORMATION ON SUSTAINABLE ENVIRONMENTAL MANAGEMENT The results and discussion related to the impact of green economy transformation on sustainable environmental management show a number of significant benefits. Butarbutar et al. stated that the implementation of the green economy helps reduce economic inequality by creating jobs in the “green jobs” sector and improving the welfare of local communities. One example is peatland restoration and mangrove rehabilitation, which not only contribute to environmental protection, but also create economic opportunities for local communities. In addition, the implementation of a green economy supports the reduction of carbon emissions and pollution through policies such as the use of renewable energy, clean production, and carbon taxes (Rita et al., 2025). The green economy model also enables drastic reductions in forest destruction and water pollution, and creates incentives for companies to implement sustainable practices such as Environmental, Social, and Governance (ESG), which are proven to improve overall company performance. (Butarbutar et al., 2024)

The development of renewable energy power plants (PLT EBT) contributed greatly to reducing greenhouse gas (GHG) emissions during Semester I 2024 by 123.22 million tons of CO₂e. this shows that renewable energy can reduce damage to the environment. The renewable energy mix in electricity in Indonesia was 19.6% in 2022. in 2025 the movement is still slow at 15-20% for the renewable energy mix of electricity, and the new 2021-2030 target is 49%.

19,6% Listrik Indonesia Berasal dari Energi Terbarukan Pada 2022



Proporsi Produksi Listrik Indonesia dari Energi Terbarukan (2019-2022), Sumber: [ourworldindata](https://ourworldindata.org)

Figure 1. 2022 renewable electricity mix data

This shows the great potential of future biogas plants to reduce greenhouse gas emissions and protect the environment.

B. Local Wisdom as an Adaptation Strategy

1. Case Study on the Successful Integration of Local Wisdom in Development

Research in Tawangsari Village shows that the utilization of local potential based on local wisdom has accelerated the village development process. Programs such as the tourism village, local wisdom-based culinary, and the creation of a climate village succeeded in increasing community participation, including the elderly and disabled in batik-making activities. This not only strengthens the local economy but also preserves local traditions and cultural values. (Turmudi, 2023)

In another study conducted by Adrian Agoes with a journal entitled “COMMUNITY-BASED TOURISM MANAGEMENT IN PENGLIPURAN VILLAGE” from the study it was found that community-based tourism is management in the tourism sector or destination that involves local communities in the management process and in collaboration with the government that contributes to providing efforts by providing facilities and pre-facilities to support the needs of tourists in the panglipuran traditional village area, but local people are also entitled to get income from visitors who come. Indirectly, the local community also plays a role in promoting the tourist village area so that it is always recognized by various groups of tourists.

The existence of a sustainable role in Penglipuran Village, there are positive and significant factors in the application of community-based tourism, CBT has a concept of prioritizing active participation, especially the community because it aims to prosper for those who are able to maintain the quality and preservation of the environment, customs and culture that has become a characteristic so that its implementation is able to build and support the growth of 3 pillars that can be sustainable in aspects (economic, social, and cultural environment).

The efforts made by the Penglipuran Village manager to develop the promotion so that more and more tourists are attracted by the way to keep the culture, cleanliness. The community as the main key in cultural preservation based on awareness to understand each other, maintain and preserve the existing culture and customs. That Penglipuran Village is managed directly by the local community to prosper the welfare of the community and maintain the existing culture under the auspices of the government. The existence of community participation both directly and indirectly supports togetherness and mutual benefit activities. The development of community-based tourism is not only to prosper the local community of Penglipuran Village but to maintain local wisdom.

C. Policy Implications

1. Recommendations for Decision Makers in Designing Sustainable Development Policies

In designing sustainable development policies, decision makers need to consider various aspects that can affect the successful implementation of these policies. The following are some recommendations that can be adopted:

a. Integration of Sustainable Development Goals (SDGs)

Public policies should be aligned with the Sustainable Development Goals (SDGs) to ensure that development does not only focus on economic growth, but also pays attention to social and environmental aspects. The government needs to adopt a comprehensive approach in policy planning and implementation to achieve all 17 goals of the SDGs, including poverty alleviation and environmental protection (Nawir et al., 2022).

b. Community Participation in Decision-Making Processes

Involving communities in the planning and decision-making process is essential to ensure that policies reflect the needs and aspirations of communities. This approach can improve accountability and transparency, and strengthen community ownership of development outcomes (Salsiah & Alisjahbana, 2018).

c. Sustainable Infrastructure Development

Investments in infrastructure should be made with environmental sustainability in mind. Infrastructure projects need to be designed to minimize negative impacts on ecosystems, as well as promote efficient use of resources. This policy should also include the development of mass transportation and green open spaces.

d. Strengthening Environmental Policies

Development policies should strengthen environmental protection by adopting green economy principles. This includes the implementation of strict regulations against pollution, as well as incentives for industries that implement environmentally friendly practices. The government also needs to conduct regular monitoring and evaluation to assess the environmental impact of each development project (Butarbutar et al., 2024).

e. Public Education and Awareness

Raising public awareness about the importance of sustainability and environmental conservation through education programs can help create a more responsible society. Public campaigns on the benefits of sustainable development can encourage active community participation in protecting the environment.

f. Implementation of Innovative Technology

Integrating innovative technologies in the development process can improve policy efficiency and effectiveness. The use of information and communication

technology (ICT) in natural resource management and environmental impact monitoring will help the government make better, data-driven decisions (Pavione et al., 2020).

g. Sustainable Financing

Encouraging investment in sustainable projects through innovative financing schemes, such as green bonds or sustainability funds, can help fund environmentally friendly development initiatives. Cooperation with the private sector is also important to mobilize the necessary financial resources (Butarbutar et al., 2024).

By implementing these recommendations, it is hoped that decision-makers can formulate development policies that not only focus on economic growth but also pay attention to social and environmental sustainability, thus creating a better future for all people.

CONCLUSION

From the analysis conducted on the socio-cultural impacts of development, it can be concluded that development not only brings positive changes in economic aspects, but also has significant implications for patterns of social interaction, cultural values and the environment. These changes often create new challenges for communities, including loss of cultural identity and environmental degradation. It is therefore important to understand and manage these impacts holistically.

Local wisdom is emerging as an effective adaptation strategy in the face of development challenges. Integrating local wisdom in development planning and implementation processes can strengthen cultural identity and enhance sustainability. Through the case studies, it is shown that local wisdom-based approaches not only improve the economic well-being of communities but also strengthen the relationship between people and the environment.

The proposed policy recommendations emphasize the importance of inclusive and sustainable development. Decision-makers need to adopt a proactive approach, involve communities in the decision-making process, and ensure that any development project considers social and environmental impacts. Thus, development policies can be designed to provide wider benefits to communities without compromising cultural values and environmental sustainability.

SUGGESTIONS

Based on the analysis that has been conducted regarding the impacts of development on society and the environment, as well as the policy implications that have been outlined, the following are some suggestions that can be considered by decision-makers and stakeholders in designing and implementing sustainable development policies:

1. Enhance Inter-Sector Collaboration

Closer cooperation between the government, private sector, and civil society is needed to create synergies in the implementation of development policies. This collaboration can strengthen local capacity and facilitate the exchange of knowledge and resources.

2. Adopt a Community-Based Approach

Development policies should be based on the needs and aspirations of local communities. Involving communities in every stage of project planning and implementation will increase the relevance and effectiveness of policies, and ensure that development outcomes can be felt by all levels of society.

3. Education and Training for Communities

Education and training programs that focus on sustainability, local wisdom, and new skills should be strengthened. This will help communities to better understand the importance of environmental conservation and how they can contribute to the development process.

4. Routine Environmental Impact Evaluation

The government needs to conduct regular environmental impact evaluations for every development project. This will help identify potential risks and negative impacts that may arise, so that mitigation measures can be taken before problems become bigger.

5. Encourage Green Technology Innovation

Investment in green technology should be encouraged through incentives for companies that implement environmentally friendly practices. The use of innovative technologies in natural resource management can improve efficiency and reduce negative impacts on the environment.

6. Strengthening Environmental Protection Policies

Environmental protection policies need to be strengthened with stricter regulations against pollution and exploitation of natural resources. Consistent law enforcement against environmental violations is also very important to maintain the sustainability of the ecosystem.

7. Promotion of Environmental Awareness in the Community

Public awareness campaigns on the importance of sustainability and environmental conservation should be expanded. People need to be empowered to play an active role in protecting the environment through community programs that educate about concrete actions that can be taken.

8. Adaptive Policy Development

Development policies must be adaptive, meaning that they are able to respond quickly to changes in social, economic and environmental conditions. Flexibility in policy planning and implementation will enable the government to deal with new challenges more effectively.

Overall, this research confirms that achieving sustainable development requires synergy between social, cultural and environmental aspects. By integrating these three aspects, we can build a better and more sustainable future for future generations.

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