



# Transformative Islamic Education Management in Responding to Environmental and Humanitarian Challenges in the Digital Age

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## Keywords:

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**Abstract:** Transformative Islamic education has an important role in responding to environmental and humanitarian challenges in the digital era. In this dynamic and rapidly changing era, a transformative approach in the management of Islamic education is very necessary to ensure that students are able to face the changes that occur wisely and sustainably. Transformative Islamic education teaches Islamic values that prioritize support for the environment and humanity. Through this approach, it is hoped that students can become agents of change who are responsible for protecting the environment and solving various humanitarian problems that exist in the world today. One of the environmental problems that is the main focus in transformative Islamic education is plastic waste. Plastic waste is a serious environmental problem with significant negative impacts on human life and other living things on earth. This research is library research, analyzed qualitatively using inductive thinking methods. The findings of this research are that, with a transformative approach, students are taught to care about the surrounding environment and understand the importance of preserving nature. Apart from that, transformative Islamic education also teaches the importance of empathy and concern for fellow humans. In this fast-paced and individualistic digital era, the values of caring for others are often neglected. Through a transformative approach, students are taught to be sensitive to the suffering of fellow humans and try to help others.

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## INTRODUCTION

Transformative Islamic education is an educational approach that aims to create a deep understanding of Islamic principles, morality and values and transform individuals to be more competent in applying the teachings in various aspects of daily life. In the increasing globalization and increasingly massive digital era, transformative Islamic education is needed to ensure that every individual has the right understanding and application in behaving in society. Transformative Islamic Education is expected to be in accordance with the values, environmental ethics, and social society (Bahri, S., 2019).

In the midst of rampant over-exploitation of the environment and increasingly worrying moral degradation, transformative Islamic education is considered important in facing these challenges, especially in the growing digital era. Various environmental problems today, such as rapid and unpredictable climate change, worsening pollution, waste problems, natural resource conflicts, and natural crises, require quick and comprehensive solutions. These environmental problems have a

significant negative impact on the survival of humans and other creatures on earth. With a transformative Islamic Education approach, students are taught to care about the surrounding environment and understand the importance of preserving nature.

In addition, transformative Islamic education also teaches the importance of empathy and care for fellow humans. In this fast-paced and individualistic digital era, the values of caring for others are often overlooked. Through the transformative approach, learners are taught to be sensitive to the suffering of fellow human beings and try to help them overcome the various problems they face.

In a digital era full of challenges and changes, transformative Islamic education offers the right solution to overcome environmental and humanitarian problems. By teaching Islamic values that emphasize concern for the environment and humanity, we can form a generation that is caring, responsible, and ready to face future challenges wisely and intelligently.

Islamic education has become an important aspect in shaping Muslim individuals and Islamic society. This is as stated (Munif et al., 2023), transformative Islamic education means education that is able to awaken the critical reasoning of Muslim community students so that they do not just surrender to accepting religious materials and teaching practices that are verbalistic, where the outline is only dictation, diktat, memorization, question and answer, which in the end the child's memorization is collected through written test evaluations. Islamic education is not only about transferring religious knowledge, but also about shaping the character, morality and positive contribution of individuals in society. In this context, transformative Islamic education emerges as an approach that aims to achieve meaningful change in individuals and Islamic society. Transformative Islamic education responds to the challenges of modern times that demand a deep understanding of religion as well as adaptation to social, technological and cultural changes. It involves not only a deep understanding of Islamic values, but also integrating these values into daily life. This education aims to produce individuals who have moral and ethical qualities, and are able to act as just leaders and agents of positive change in society (Iin Purnamasari, 2023).

Research on transformative education has previously been conducted by many other researchers, including (Lilik Nur Kholidah, 2023), this study explains that the concept of learning management of Islamic values in transformative Islamic education, includes thoughts, concepts, and activities to transform humanist Islamic values in learning subjects. The management of learning Islamic values is also a response to the condition of Islamic educational institutions which in their management practices have not departed from the theory, concept, and design of Islamic teaching values so as to achieve social transformation. The learning management of Islamic values in the perspective of transformative Islamic education is a form of theoretical concept formulation of the learning management function as a learning management activity to achieve the goals of Islamic education in guiding the output of educational institutions to become people with Islamic personalities, which are formed from the intellectual aspects of Islam and the spiritual aspects of Islam. Another study by, (Mokh. Fakhruddin Siswopranoto, 2023), this study aims to identify and analyze the marketing strategy of transformative Islamic education services applied at MTs Diponegoro Plandaan Jombang. The results showed that MTs Diponegoro Plandaan Jombang has implemented various effective marketing strategies, such as establishing a positive image of the institution, improving the quality of education, promotion through social media, and active involvement with the local community. In the context of transformative Islamic education, marketing focuses not only on the number of students enrolled, but also on the positive changes that students can achieve in terms of character and spirituality.

The gap analysis of this article is different from the analysis of previous studies. The novelty of this article emphasizes the transformative approach in Islamic education management is needed to ensure that learners are able to deal with the changes that occur wisely and sustainably. Transformative Islamic education teaches Islamic values that prioritize alignment with the environment and humanity. Through this approach, it is hoped that learners can become responsible agents of change in protecting the environment and solving various humanitarian

problems that exist in the world today. The question to be answered in this article is how is the management of transformative Islamic education in responding to environmental and humanitarian challenges in the digital era?

## **METHODS**

This research is a *library research*, conducted by analyzing texts and information related to the topic of study. This research was conducted with a literature study approach, namely in the form of a literature review regarding theories relevant to research problems. According to (Sujarweni, 2014) the literature study contains concepts and theories based on available literature, especially from articles published in various scientific journals. The literature review serves to build concepts or theories that form the basis of study in research. This research was carried out by examining data sources in the form of scientific literature, using the literature study method (Arikunto, 2019). The data collection technique in this study includes several steps, namely, first, searching and collecting data sources that have a relationship with the discussion raised. Second, classifying data sources that have a level of relevance to the theme of the discussion, both from scientific journal articles and books that have a scientific reputation. The data analysis technique in this research uses interpretative descriptive analysis (Ilfana & Marjo, 2022). The data sources of this research include scientific books, journals, scientific research results, which are relevant to the research. The data collection technique was carried out by literature study, collecting scientific literature relevant to the research topic, then analyzed qualitatively with inductive thinking method.

## **RESULTS AND DISCUSSION**

### **Transformative Education in the Digital Age**

The development of digital technology today poses significant challenges for Islamic education. Human life has changed significantly due to advances in digital technology. The ease of accessing information and technological facilities has provided many benefits, but digital technology also brings negative effects that are difficult to avoid. The globalization and digital era that continues to develop today has changed and influenced many aspects of life, one of which is education. Therefore, a transformative approach is needed that allows educational institutions to respond and adjust to changes that occur quickly and flexibly.

Transformative Islamic education has an important role in responding to environmental and humanitarian challenges in the digital era. In an ever-evolving and rapidly changing era like today, a transformative approach in Islamic education management is indispensable to ensure that learners are able to deal with the changes that occur wisely and sustainably. It also emphasizes the importance of holistic learning, which includes physical, mental, spiritual aspects, and the development of social abilities. In addition, transformative Islamic education seeks to have a positive impact on individuals and society in order to face environmental and humanitarian challenges in the digital era (Lisfa, N, 2023).

In the era of modern technology, Islamic education has great opportunities because education in a broad sense includes the entire process of individual development. The goal is to instill positive values to form individuals who are intelligent, noble, and useful for society. Islamic education in this context means providing guidance for mental and physical growth in accordance with Islamic teachings, by teaching all the principles contained in the Qur'an and Sunnah. The purpose of this education is to foster piety and noble character and form a noble personality in accordance with Islamic teachings. In addition, this education also trains students to be honest and have good character.

Digital transformation has become a big issue in many fields, including education. As one of the fields of education, Islamic education must also face the changes of an increasingly digital age. The use of digital technology in Islamic education management offers great opportunities to improve the efficiency, effectiveness and quality of education. This research discusses the opportunities and challenges that arise from the application of technology in Islamic education management, particularly with regard to the environment and society.

## **Opportunities for Islamic Education for the Environment and Humanity in the Digital Age**

The use of technology in Islamic education has a great opportunity to be implemented. Learners can gain a better understanding of the material and a better learning experience with the help of technology. For example, technology can be used to make learning more interesting and easy to understand through simulations, interactive games and multimedia. In terms of data management, there is another opportunity in the form of technology that can help teachers and learners make better data analysis and make better decisions. In addition, technology can also reduce human error in data processing.

Transformative Islamic education has an important role in answering environmental and humanitarian challenges in the digital era for the following reasons:

1. **Holistic Understanding:** Transformative Islamic education emphasizes a holistic understanding of the relationship between humans, nature, and God. This helps in understanding that taking care of the environment and helping fellow humans are integral parts of religious obligations.
2. **Ethics and Morality:** Islamic education emphasizes the importance of ethics and morality in every action. In a digital age where technological decisions can have a huge impact on the environment and society, Islamic education helps in developing the ethical and moral awareness needed to make responsible decisions.
3. **Social Responsibility:** Islamic education teaches a broad concept of social responsibility, including responsibility towards the environment and fellow human beings. This helps in forming individuals who are caring and ready to act to contribute to improving social and environmental conditions.
4. **Spiritual Awareness:** Islamic education helps in developing a strong spiritual awareness, which can motivate individuals to act with care and empathy towards the environment and fellow human beings.
5. **Adapt to Change:** The digital age is bringing rapid changes in the way we interact with the environment and our fellow human beings. Transformative Islamic education helps in teaching values that can help individuals to adapt to these changes in a positive and productive way.
6. **Character Building:** Islamic education focuses on building strong character and moral integrity. It helps form individuals who are sensitive to environmental and humanitarian issues and are able to act in accordance with these values in their daily lives.
7. **Learner Preparation:** Learners need to be equipped with skills and knowledge that enable them to deal wisely and sustainably with the changes taking place in the world. A transformative approach helps prepare learners to develop adaptability, innovation and leadership.
8. **Development of Critical Thinking:** In addition, in the face of change, it is important for learners to have critical and analytical thinking. The transformative approach in Islamic education management encourages the development of critical and creative thinking that enables learners to evaluate situations wisely and find innovative solutions (Jannah, M., Shafika, N., Parsetyo, E. B., & Habib, S., 2023).

Thus, transformative Islamic education can be a strong foundation to face environmental and humanitarian challenges in the digital era, by developing deep understanding, strong values, and active involvement in efforts to improve social and environmental conditions.

A transformative approach in Islamic education management can include various strategies, such as curriculum development that is responsive to change, problem-based learning that allows learners to face real challenges, community engagement in the learning process, and the establishment of learning environments that encourage collaboration and innovation. Thus, this approach is indispensable to ensure that learners are able to deal with change wisely and sustainably.

Transformative Islamic Education Management in Responding to Environmental and Humanitarian Challenges in the Digital Age Transformative Islamic education has a crucial role in facing environmental and humanitarian challenges in the digital age. Here are some steps that can be taken to answer these challenges:

1. Integrating Islamic values in the education curriculum to form individuals who are responsible, noble, and care for the environment.
2. Develop a curriculum that encourages creativity, innovation, and critical thinking of learners in facing the changes and challenges that occur in the digital era.
3. Support the use of information and communication technology in the learning process to prepare learners for the ever-changing technological developments.
4. Encouraging collaboration between educational institutions, communities, and governments in addressing environmental and humanitarian issues through educational programs and social activities (Hayati, M., Putri, F., Hafizh, M., & Januar, J., 2023).

In today's rapidly evolving and changing era, a transformative approach to Islamic education management is needed to ensure that learners are able to deal with the changes that occur wisely and sustainably. Transformative Islamic education teaches Islamic values that prioritize alignment with the environment and humanity. Through this approach, learners are expected to become responsible agents of change in protecting the environment and addressing various humanitarian problems that occur in the world today.

In transformative Islamic education, learners are taught to understand that Allah teaches us to care for and protect the environment. Learners are given a deep understanding of environmental concepts in Islamic teachings, such as the concepts of khalifah (guardian of the universe), amanah (responsibility), and himmah (spirit to do good). They are invited to reflect on how Islamic teachings encourage them to be the guardians of the universe and preserve nature. There are many proofs, both from the Quran and hadith, that support this, including:

...هُوَ أَنْشَأَكُمْ مِنَ الْأَرْضِ وَاسْتَعْمَرَكُمْ فِيهَا فَاسْتَغْفِرْ لَهُ تُمْ تَوْبُوا إِلَيْهِ

Meaning: "...He has created you from the earth (soil) and made you its prosperity" (Q.S Hud: 61).

فَلَمَّا نَسُوا مَا ذُكِّرُوا بِهِ أَنْجَيْنَا الَّذِينَ يَنْهَوْنَ عَنِ السُّوءِ وَأَخَذْنَا الَّذِينَ ظَلَمُوا بِعَذَابٍ بَئِيسٍ بِمَا كَانُوا يَفْسُقُونَ

Meaning: "So when they forgot what they were warned about, We saved those who forbade from evil deeds and We inflicted on the wrongdoers a severe punishment, for they had always acted unjustly." (Q.S Al-A'raf :165).

ظَهَرَ الْفُسَادُ فِي الْبَرِّ وَالْبَحْرِ بِمَا كَسَبَتْ أَيْدِي النَّاسِ لِيُذِيقَهُمْ بَعْضَ الَّذِي عَمِلُوا لَعَلَّهُمْ يَرْجِعُونَ

Meaning: "There is corruption on land and in the sea because of the deeds of men, so that Allah may taste to them some of the consequences of their deeds, that they may return to the right path." (Q.S Ar-Rum: 41).

وَلَا تُفْسِدُوا فِي الْأَرْضِ بَعْدَ إِصْلَاحِهَا وَادْعُوهُ خَوْفًا وَطَمَعًا إِنَّ رَحْمَتَ اللَّهِ قَرِيبٌ مَنِ الْمُحْسِنِينَ

Meaning: "And do not make corruption in the earth, after (Allah) has made it good, and pray to Him with fear and hope. Verily, the mercy of Allah is very near to those who do good." (Q.S Al A'raf: 56).

أَلَمْ تَرَوْا أَنَّ اللَّهَ سَخَّرَ لَكُمْ مَا فِي السَّمَاوَاتِ وَمَا فِي الْأَرْضِ وَأَسْبَغَ عَلَيْكُمْ نِعَمَهُ ظَاهِرَةً وَبَاطِنَةً وَمِنَ النَّاسِ مَنْ يُجَادِلُ فِي اللَّهِ بِغَيْرِ عِلْمٍ وَلَا هُدًى وَلَا كِتَابٍ مُذِيرٍ



Meaning: *"Have you not seen that Allah has subdued for your benefit what is in the heavens and what is in the earth, and perfected for you His favors inwardly and outwardly. And among men there are those who dispute the Oneness of Allah without knowledge or guidance, and without a Book to enlighten them."* (Q.S Luqman: 20)

The Prophet Muhammad ﷺ also explained about protecting the environment, as in the following hadith:

Meaning: *"A person passes through a hole in the road, then he lifts a stone from the hole, thus removing the danger, then Allah will build for that person a house in Paradise."* (HR. Bukhari and Muslim).

Meaning: *"No Muslim plants a tree or sows grain and it is eaten by birds, humans or livestock, but it becomes charity for him."* (Reported by Bukhari no. 2320 and Muslim no. 1553).

Based on the Quranic verses above, humans are given the responsibility as guardians of the earth and its environment. As khalifah in this world, humans are asked to maintain and safeguard the environment with full responsibility. Actions that damage the environment not only have a negative impact on nature, and other creatures, but also have spiritual implications before Allah SWT. The duty to protect the environment is not just an obligation as a creature of Allah, but also a form of loyalty to Him. This includes taking care of nature, maintaining the balance of the ecosystem, and ensuring the sustainability of natural resources for future generations.

### **Safeguarding the Environment Through a Transformative Islamic Education Approach**

Here are some transformative approaches taught in Islamic education to care for the surrounding environment and understand the importance of preserving nature:

1. Value-based approach: Teaches learners to internalize Islamic values that promote care for the environment, such as a sense of responsibility, compassion, and justice. This enables them to see nature conservation as an integral part of their religious practice.
2. Practical and Active Approach: Through the practical approach, learners are given the opportunity to be directly involved in activities that contribute to nature conservation, such as reforestation, environmental cleanup, or plastic waste reduction campaigns. Through this hands-on experience, they can understand the real impact of their actions on the environment.
3. Interdisciplinary Approach: Encourage an interdisciplinary approach in education, which integrates environmental concepts into different subjects, such as science, math, language, and religion. This helps in strengthening learners' understanding of the linkages between different aspects of the environment and how they can contribute to preserving nature.
4. Collaborative Approach: Collaboration between learners, educators, parents, and the community is encouraged in the effort to preserve nature. This creates an inclusive and supportive learning environment, where all parties can support and motivate each other in positive actions for the environment (Waruwu Yaredi et al, 2024).

Through these approaches, transformative Islamic education enables learners to understand the importance of preserving nature and become active agents of change in environmental conservation efforts. In addition to understanding the environment, the application of the transformative approach in Islamic education aims to make learners become individuals who have high empathy and concern for others, and are able to provide benefits and goodness to the surrounding community. This will create a more harmonious, supportive and compassionate environment in the midst of a life full of challenges and difficulties. This is in accordance with several propositions from the Al-Quran and Hadith, including:

...وَأَحْسِنُوا إِنَّ اللَّهَ يُحِبُّ الْمُحْسِنِينَ

Meaning: *".... and do good, for surely Allah loves those who do good."* (Q.S Al Baqarah: 195).

وَاعْبُدُوا اللَّهَ وَلَا تُشْرِكُوا بِهِ شَيْئًا ۚ وَبِالْوَالِدَيْنِ إِحْسَانًا وَبِذِي الْقُرْبَىٰ وَالْيَتَامَىٰ وَالْمَسَاكِينِ  
وَالْأَجَارِ ذِي الْقُرْبَىٰ وَالْأَجَارِ الْجُنُبِ وَالصَّاحِبِ بِالْجَنبِ وَابْنِ السَّبِيلِ وَمَا مَلَكَتْ  
أَيْمَانُكُمْ ۚ إِنَّ اللَّهَ لَا يُحِبُّ مَنْ كَانَ مُخْتَالًا فَخُورًا

Meaning: *"Worship Allah and associate nothing with Him. And do good to your parents, relatives, orphans, the poor, your near and distant neighbors, and your friends, the unfortunate, and your servants. Verily, Allah does not like those who are proud and boast."* (Q.S An-Nisa': 36)

Prophet Muhammad ﷺ also said:

Meaning: *"A believer to another believer is like a building that strengthens one another." He then clasped his fingers with one another.* (HR. Bukhari and Muslim)

In today's digital era, everything can be done easily without the need to interact directly with others, resulting in an indifferent attitude towards humanitarian issues and low social care among others. Transformative Islamic education that teaches the importance of showing care and empathy to others can be one of the solutions in this case. This approach instills human values and teaches learners to be aware of other people's circumstances and try to help overcome their problems to maintain the quality of social humanity in today's digital era.

Islamic education has shown itself to be a flexible and responsive education system, in accordance with the times, future-oriented, balanced, focused on superior quality, fair, democratic, and dynamic. Transformative Islamic education is the right solution to overcome environmental and humanitarian problems in a digital era full of challenges and changes. By teaching Islamic values that prioritize siding with the environment and humanity, in transformative Islamic education, students are taught to understand that Allah teaches us to help and care for each other. This education teaches learners to appreciate human values and the role of humans as caliphs on earth, who are responsible for helping each other and lightening each other's burdens. Some things that can be given and taught in transformative Islamic education to increase empathy and concern for others include:

1. Learning about compassion and kindness: Learners are taught to have empathy and care for others as a form of practicing the values of compassion and kindness taught in Islam.
2. Learning about social responsibility: They are also made aware that as Muslims, they have a moral and social responsibility to help others in need.
3. Learning about acceptance and tolerance: Learners are taught to accept differences and treat others with tolerance and respect, so that they are able to feel what others feel.
4. Social engagement learning: Learners are taught to be actively involved in social activities that aim to help others, whether in the form of donations, social actions, or other charitable activities.
5. Learning about the importance of giving selfless kindness: Learners are taught to give kindness without expecting anything in return and to feel happy when they are able to benefit others (Muktamar, A., & Pinto, J., 2023).

Transformative Islamic education aims to change the paradigm and practice of education that is usually carried out into a more holistic education based on Islamic values and has a positive impact on the lives of individuals and society. A transformative approach in education is much needed as the current educational environment is faced with rapid and complex changes in terms of technology, social values, and environmental challenges. Transformative Islamic education is essential as it aims to create a profound change in Muslim individuals by integrating a strong religious understanding with the application of Islamic values, ethics and teachings in various aspects of life. It helps learners face challenges in environmental and humanitarian issues. They are taught to understand that this universe was created by Allah for the lives of humans and other creatures, so they should be responsible in taking care of it. In addition, learners will also be taught about the importance of respecting humanity and caring for fellow humans. Learners are taught to help each other, help each other, and respect each other regardless of differences in religion, ethnicity, or race. Thus, the application of transformative Islamic education can form a generation that cares about the environment and humanity, and is ready to play an active role in improving the world's increasingly alarming conditions today.

There are several steps that can be taken to answer environmental and humanitarian problems in the digital era in the transformation of Islamic education management, including:

1. **Environmental Awareness and Education:** Environmental awareness and education is essential to improve people's understanding of environmental and humanitarian issues in the digital age. Environmental and humanitarian education should be an integral part of the Islamic education curriculum.
2. **Emissions and Waste Reduction:** Emissions and Waste Reduction: The government and transportation companies should work together to reduce greenhouse gas emissions and manage waste properly. The use of environmentally friendly transportation such as public transportation and bicycles should be encouraged.
3. **Technology Utilization:** Digital technology can be leveraged to drive change towards green transportation. For example, the development of apps for *ride-sharing* or *carpooling*, or technology to monitor air pollution.
4. **Law Enforcement:** It is important to strengthen environmental and humanitarian regulations in the transportation sector. Strict enforcement of environmental and safety violations will serve as a deterrent to non-compliant actors.
5. **Collaboration and Community Participation:** Collaboration between governments, companies and communities is needed to address environmental and humanitarian issues. Involving communities in decision-making and solution implementation will strengthen efforts to safeguard the environment and humanity.
6. **Research and Innovation:** Support for research and innovation in green and sustainable transportation needs to be increased. Continued research will help find more effective and efficient solutions to environmental and humanitarian problems (Tantowi, Ahmad, 2018).

The implementation of the approach through learners to inspire change that contributes to protecting the environment and helping fellow humans in need, while applying Islamic values in daily life, can be done through the following integrated steps:

1. **Islamic Values Education:** Building a deep understanding of Islamic values such as compassion, justice, and care for the environment and fellow humans. This can be achieved through in-depth religious learning that is relevant to the contemporary situation.
2. **Experiential Learning:** Integrating hands-on learning through practical experiences such as environmental cleanup activities, reforestation, or social assistance to communities in need. In this process, learners will see first-hand the application of Islamic values in real action.
3. **Character Building:** Encourage learners to practice Islamic values in their daily lives, both in school and in their neighborhoods. This includes promoting an attitude of humility, care and responsibility towards the environment and society.
4. **Social Empowerment:** Encourage learners to become agents of change by empowering them to take initiative in projects related to preserving the environment and helping their fellow humans. This could involve setting up cooperative groups in schools that focus on these goals.
5. **Setting an example:** Educators and school staff need to be role models in applying Islamic values in their own daily lives. Learners will be inspired and motivated when they see that the values they learn are also lived and practiced by the adults around them (Astuti, M., Herlina, H., Ibrahim, I., Rahma, M., Salbiah, S., & Soleha, I. J., 2023).

Through this approach, learners can become active agents of change in protecting the environment and helping their fellow humans, while strengthening their understanding and practice of Islamic values in their daily lives. By setting a good example for others, they can also inspire others to follow in their footsteps in applying the same values. Some examples of situations in the digital era that are full of challenges, but teach learners to prioritize alignment with nature and humans are:

1. **Spreading Fake News (*Hoax*) on Social Media:**

The digital age is often characterized by the spread of fake news that can influence people's perception of environmental and humanitarian issues. Learners can be taught to be critical of the information they encounter online, as well as understand the importance of checking the truth and its impact on the environment and society before disseminating such information.



2. Overconsumption and E-waste:

In the digital age, the consumption of electronic goods tends to increase, which contributes to the increase of electronic limb ah and its negative impact on the environment. Learners can be taught to understand the life cycle of electronic products, the importance of recycling and its impact on the environment and how they can reduce their environmental footprint through responsible consumption practices.

3. Technology Dependence and Mental Health:

Overuse of technology can negatively impact an individual's mental health and well-being. Learners need to be taught self-awareness about healthy screen time, the importance of spending time outdoors, and how to maintain a balance between technology use and real social interactions.

4. Climate Change and Green Technology Innovation:

The challenge of climate change requires green technology innovations that can help reduce carbon emissions and address the impacts of climate change. Learners can be taught to understand the importance of sustainable technological innovation and how they can contribute to the development of environmentally friendly solutions through their education and careers.

5. Access to Education and Technology:

In some areas, access to education and technology remains a challenge. Learners should understand the importance of digital inclusion and how technology can be used to improve access to education and health in remote or marginalized areas. Through these examples, learners can understand how the digital age provides unique challenges, but also opportunities to promote the alignment of nature and people through the wise and responsible use of technology (Makki, A., 2020).

From the point of view of education management, planning for future education must include three main characteristics of society: the socio-future, the techno-future, and the bio-future, along with all their implications and impacts on the human spirit. The implementation of transformation-oriented Islamic education management emphasizes the development of an education management system that is based on Islamic principles and aims to improve the progress and quality of education. In this case, the transformation of Islamic education management refers to the incorporation of Islamic principles in the management of education in order to improve quality and produce superior individuals.

Some Important Aspects of Transformative Islamic Education Management:

1. Integration of Islamic Values: A key focus of transformative Islamic education management is incorporating Islamic values in educational settings. This involves applying principles such as honesty, fairness and voluntarism in educational policies and practices, aiming to create individuals of better character and morals.
2. Collaboration and partnership: Collaboration between the various parties involved, including teachers, learners, parents and the community, is key in transformative Islamic education management. The active involvement of all parties helps to increase participation in the education process and overall improve the quality of education.
3. Human resource development: Effective education management requires the development of quality human resources. This includes teacher training, developing relevant curricula and improving education infrastructure.
4. Innovation and Flexibility: The presence of innovation and the ability to adapt to changes in the educational environment are essential in transformative Islamic education management. This helps to increase the competitiveness of education and improve overall quality.
5. Technology Utilization: The use of information technology plays an important role in the transformation of Islamic education management. Technology helps increase the accessibility of education, improve the quality of learning and increase the efficiency of school management (Afrizal, A. F., n.d.).

## **Implementation of Transformative Islamic Education Management Challenges in the Digital Age**

The application of Transformative Islamic Education Management in facing environmental and social challenges in the digital era requires a more efficient and community needs-oriented approach. In its application, Transformative Islamic Education Management should focus on developing an education management system based on Islamic values and oriented towards the progress and quality of education. Some steps that need to be taken to overcome environmental and social challenges in Islamic education in the digital era include:

1. Formulation of a strategic plan: Formulation of a clear and appropriate strategic plan to address environmental and social, Islamic challenges and education in the digital age. The plan should take into account the needs of society and the environment as well as the goals of Islamic education.
2. Developing an effective management system: Building a management system based on Islamic values to manage Islamic education that is effective and relevant in the digital era. This system should take into account the needs of society and the environment as well as the goals of Islamic education.
3. Applying appropriate educational technology: Using appropriate educational technology improves the quality of Islamic education and addresses environmental and social challenges in the digital age. These technologies should take into account the needs of society and the environment as well as the objectives of Islamic education.
4. Designing an appropriate curriculum: Designing a curriculum that is relevant and consistent with the needs of society and the environment as well as the goals of Islamic education. The curriculum should consider Islamic values and the needs of the community to produce better graduates with noble character.
5. Development of Adequate Resources: Develop adequate resources, including teachers, facilities and technology, to improve the quality of Islamic education and address environmental and social challenges in the digital age. Such resources should take into account the needs of society and the environment as well as the objectives of Islamic education.
6. Implementation of interactive and creative learning: Implement interactive and creative learning to improve the quality of Islamic education and address environmental and social challenges in the digital era. This education should take into account the needs of society and the environment as well as the objectives of Islamic education.
7. Performance Measurement and Evaluation: Measuring and evaluating the performance of education implementation to determine the effectiveness and efficiency of the program. This assessment should consider the needs of the community and the environment as well as the objectives of Islamic education (Susyanto, B., 2022).

Overall, the implementation of transformative Islamic education management requires the unification of Islamic values, development of human resources, innovation, and utilization of technology. The application and implementation of transformative Islamic education management requires close cooperation between various parties and the application of holistic strategies. The implementation of transformative Islamic education has the potential to form a generation that cares about the environment and humanity and is ready to face environmental and humanitarian problems and actively participate in them. Only with a shared commitment to strengthen Islamic values in education can we create a generation that is not only academically intelligent but also has moral integrity and a concern for positive change in society.

Thus, the goal of improving the quality of education and producing more characterized individuals can be achieved and can help overcome the environmental and social challenges of Islamic education in the digital era more effectively. This shows how important it is to improve the

quality of Islamic education, both in terms of quantity and quality, on an ongoing basis. The goal is that education can be a means of shaping the character and personality of the nation, as well as being able to adapt to the development of globalization and the current flow of information. Thus, education can develop productively and innovatively. For this reason, education is considered the most valuable asset for this nation, because it is the foundation for building its future.

## CONCLUSION

Transformative Islamic education has an important role in answering environmental and humanitarian challenges in the digital era. In the midst of rampant over-exploitation of the environment and increasingly worrying moral degradation, transformative Islamic education is considered important in facing these challenges, especially in the growing digital era. In transformative Islamic education, students are taught to care about the surrounding environment, understand the importance of preserving nature, and have empathy and concern for fellow humans. Through the integration of Islamic values in the education curriculum and the application of practical, interdisciplinary, collaborative and value-based approaches, learners can become active agents of change in protecting the environment and helping fellow humans. In addition, by focusing on developing a management system based on Islamic principles, applying appropriate educational technology, and developing adequate human resources, transformative Islamic education can prepare a generation that is ready to face change wisely and sustainably. Therefore, the implementation of transformative Islamic education management is key in overcoming environmental and humanitarian challenges in the digital era. Thus, transformative Islamic education can be the right solution to address environmental and humanitarian challenges in the digital era. By teaching Islamic values that emphasize alignment with the environment and humanity, we can form a generation that is caring, responsible, and ready to face future challenges wisely and intelligently. Through this approach, it is also expected that students can become agents of change who are responsible for protecting the environment and overcoming various humanitarian problems that occur in the world today.

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