



## **ISLAMIC BOARDING SCHOOL STRATEGY IN IMPROVING QUALITY TADABBUR NATURE BASED STUDENTS**

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### **Abstract:**

This research employs a qualitative case study approach to analyze the quality strategy of a pesantren based on tadabbur alam (contemplation of nature) at Nurul Jadid Islamic Boarding School in Paiton, Probolinggo. The study is conducted in Paiton Subdistrict, Probolinggo Regency, East Java. Data collection methods involve observing the teaching activities of instructors using a nature-centric approach, conducting interviews with the instructors, and collecting relevant documents. The data analysis process is carried out in a circular manner, starting from displaying the data to drawing conclusions. The research findings reveal that the tadabbur alam strategy at Nurul Jadid Islamic Boarding School effectively enhances students' cognitive intelligence and has a positive impact on character development, particularly in spiritual, moral, and social aspects. The integration model of tadabbur alam into the pesantren curriculum successfully encompasses various elements of religious, scientific, and environmental education. As an innovation, this research introduces a comprehensive evaluation method, including specific performance indicators. It is anticipated that the outcomes of this study will significantly contribute to the development of quality strategies for pesantren based on tadabbur alam and serve as a reference for other Islamic boarding schools in improving education standards.

**Keywords:** *Strategy, Pesantren Quality, Tadabbur Alam.*

### **INTRODUCTION**

Islamic boarding schools as traditional Islamic educational institutions have a role which is very important in forming the character and morals of students. Besides that, In facing the challenges of the modern era, Islamic boarding schools also need to continue innovate and adapt in order to provide quality education according to the demands of the times. One approach that can be taken In developing the quality of Islamic boarding schools is by utilizing concepts tadabbur nature. However, field data shows that santri face difficulties in understanding and integrating oneself in modern society. This condition was reinforced by Kholil's statement, who participated in it accompanying this activity, The implementation of tadabbur alam was not organized well and are often implemented without careful planning. Matter This results in the low effectiveness of these activities. Nature manager also conveyed, "Support from Islamic boarding school managers and the community around the concept of minimal natural tadabbur. They prefer to supports other programs that are considered more urgent. Tanjung stated that at SMPN 1 West Karawang, education has been arranged based on management functions. Internal quality management The implementation of education in the school is based on standards education management that has been determined by

the National Standards Agency Education (BSNP), reflects superior management standards and competitive (Tanjung et al. 2022). Marzal stated that in Islamic perspective in MA Palembang City, quality is measured as a standard of value programs and activities carried out by Madrasah Aliyah. Institution This education is primarily oriented towards the values of benefit and goodness for institutions and society (Marzal 2023). In the context of Islamic boarding school education based on Sufism, Husna developed values such as muraqabah (mawas self), mahabbah (love) of Allah SWT, khauf (fear) of Allah SWT, the king' (hope) in Allah SWT, 'uns (close) to Allah SWT, and believe. Ecospiritualism-based Islamic boarding school education prioritizes activities caliph (manage), taskhir (utilize), amanah (guard), and 'abd (caring for) nature, with a focus on gratitude to Allah SWT (Nashihin et al., n.d.) . Syamsur emphasized the importance of providing understanding to students at Madrasah Ibtidaiyah about caring for the environment (Rizal and Meidawaty 2020).. Hamka emphasized that the implementation of the Method Tadabbur in Al-Qur'an learning at the ar-Rahman Islamic Boarding School is carried out regularly every week. The process begins with preparing tools and materials learning by mudarris, followed by tadabbur motivation taken from verses Quran verses. The next step involves reading the verse to be ditadabburi, write down and explain brief interpretations and meanings of vocabulary certain (Hamka 2022).

Novelty from this research can be identified through integration the concept of natural tadabbur as a whole in the academic curriculum boarding school. In contrast to conventional approaches, this research does not only limiting natural tadabbur as a separate activity, but rather integrating it as an integral part of the entire educational process, including religious and environmental subjects. By applying multidisciplinary approach, this research aims to create experience holistic learning for students. In measuring the impact of implementation tadabbur alam, this research develops an innovative evaluation method that covers the spiritual and intellectual aspects of students. Custom performance indicators designed to measure progress in understanding values Islam and improving the overall quality of Islamic boarding school education. Apart from that, this research highlights the aspect of collaboration with external parties as a new element. By involving environmental experts, Islamic experts, and research institute, this research not only strengthens the concept of natural tadabbur, but also supports it through validation from external experts. This approach provides an additional dimension that involves stakeholders external interests to enrich the implementation of the natural tadabbur strategy in the context of Islamic boarding school education. This research is intended to investigate and develop quality improvement strategy at the Nurul Jadid Islamic Boarding School, with focus on the application of the concept of natural tadabbur. By detailing the objectives of the research, study is committed to achieving significant results in improving educational standards in the Islamic boarding school. In addition, this research has The aim is to identify the impact of natural tadabbur strategies on formation of the character of students, especially in spiritual, moral and social aspects. Designing a model for integrating natural tadabbur in the Islamic boarding school curriculum as well is one of the main goals to ensure the learning experience of students covers various aspects of religious, scientific and environmental education. As an innovation, this research will develop an evaluation method more comprehensive, covering the spiritual and intellectual dimensions of students. Besides that, specific performance indicators designed to measure will be created progress in understanding Islamic values and improving quality education related to the implementation of natural tadabbur strategies.

## **RESEARCH METHODS**

The research methodology applied is a type of research qualitative with a case study approach. In this context, researchers strive to understand and analyze Islamic boarding school quality strategies based on tadabbur nature at the Nurul Jadid Islamic Boarding School, located in Paiton District, Probolinggo Regency, East Java. To obtain possible data reliable, researchers made observations of various activities learning carried out by asatidz, by applying nature center approach to improve students' cognitive

intelligence. Interviews were conducted with asatidz and related parties. Documentation too used as a tool to strengthen research data. Process Data analysis is carried out circularly, starting from data display, up to drawing conclusions.

## RESULTS AND DISCUSSION

### Tadabbur Alam Based Learning Planning

Strategic management is a process for determining direction and long-term goals and the choice of methods to achieve them through the development of strategy formulation and planned implementation focuses on the creation of dreams and creative change, a fusion of sources superior usability (Rasidi 2022). In every educational program concept requires prior planning before implementation. Planning is a way of approaching the problems faced factually in the field education. Likewise in education management (Efrina and Warisno 2021). In planning the quality strategy for Islamic boarding schools based on natural tadabbur, detailed steps including identification of potential surroundings Islamic boarding schools, determining appropriate natural tadabbur activities, and development curriculum that integrates the concept of natural tadabbur in various aspects education. This process also includes determining the evaluation method comprehensive, including performance indicators that can measure spiritual impact and intellectuals in students. With a factual and planning approach carefully, a quality strategy for Islamic boarding schools based on natural tadabbur can provide positive contribution in improving the quality of Islamic boarding school education.

### Implementation of Tadabbur Alam in the Islamic Boarding School Curriculum

Implementation of the concept of natural tadabbur (in-depth study of nature) in the Islamic boarding school curriculum can be done through various methods and teaching materials that combine religious studies with in-depth understanding towards nature. The aim of implementing this character education is: to produce students who have consistent attitudes and actions strive to prevent environmental damage and strive to improve it natural damage can be realized (Sitorus and Lasso 2021). Nawal Ammar describes the relationship between humans and nature as a perspective deep relation to natural and social ecology. This means that The relationship between humans and the universe is considered as interconnectedness spiritual and rational, so that it can be generally accepted by human reason (Nashihin et al., n.d.) . Getting to know nature has a positive impact on health mental and well-being. link between education and health good, support for outdoor learning by getting to know nature is one method to facilitate students in achieving their academic potential, enhancing their experience and achievements education through nature (Wahyudi and Basit 2021).

The focus of the natural tadabbur program in Islamic boarding schools is to improve the level of awareness and concern of students for the environment around them, involves a series of activities and strategies aimed at shaping holistic understanding and sense of responsibility towards the surrounding ecosystem, including:

**Tabel 1: Output**

NO	OUTPUT	DESKRIPSI
1	(Awareness)	Placing individuals or society in a position to understand and increase awareness and sensitivity to the environment as a whole and its problems.
2	(Knowledge)	Providing education to individuals or communities to understand the basics of the environment and related issues critically and

3	(Attitude)	humanistically, with responsibility and an active role in overcoming these problems. Helping individuals and communities achieve social values, developing deep awareness of environmental problems, and fostering motivation to actively participate in efforts to protect and improve the environment.
4	(Skills)	Place individuals and communities in a position to develop skills in dealing with environmental problems.
5	(Evaluation Ability)	Placing individuals or communities to assess environmental activities and educational programs by considering the ecological, economic, social, aesthetic context, as well as educational elements.
6	(Participation)	Placing individuals and society in conditions to form a sense of responsibility, realize the importance of environmental problems, and ensure appropriate action is taken to overcome these environmental problems.

Therefore, the natural tadabbur program in Islamic boarding schools is not only has educational goals, but is also proactive in shaping character and increase students' caring attitude towards the environment. It is known that the Nurul Jadid Islamic Boarding School applies the approach natural tadabbur as a step to spur the development of knowledge spiritual and intellectual. Several locations have been identified as objects environmental exploration by this institution, including:

**a. Beach Environment**

The location of the Nurul Jadid Islamic Boarding School which is close to Duta Beach and Grinting Beach provide added value, considering Both beaches are tourist destinations in the region. The beach, as part of the environment around the Islamic boarding school, becomes source of knowledge for students. The regional head, Faizur, stated that the supporting coast is well managed to stimulate growth and development of students. Collaboration with the Village Head, community leaders and local residents are well connected utilize the beach as a Tadabbur Alam object. Carrying out natural tadabbur on the beach involves participation students directly with the beach environment. So it's in process recognize values and describe concepts in order development of skills, attitudes necessary for understanding and appreciate the reciprocal relationship between humans, culture, and biophysical environment can occur (Prihatmoko 2020). Explore This environment is an effective forum for students to concretize themselves, develop imagination, and optimization of their scientific abilities. These behaviors play a role is very important in instilling the character value of caring for the environment (Ismail 2021).

Tabel 2: Output Spiritual dan Intelektual

NO	ACTIVITY	OUTPUT	
		SPIRITUAL	INTELEKTUAL
1	Observation of Marine Biota	The students made observations with a contemplative approach, contemplating the wonders of God's creation in marine	Students record and identify the species of marine biota observed

		life.Environmental Education Posters	
2	Education about Coastal Ecosystems Beach Waste	Conveying an understanding of responsibility as caliph on earth and preserving nature as a form of worship.	Santri asked questions about the dynamics of the coastal ecosystem.
3	Management Making	The discussion involved spiritual reflection on responsibility as a custodian of nature and its impact on the balance of creation.	Students conduct an analysis of types of waste, effective waste management methods, and formulate solutions.
4	Environmental Education Posters	Invite students to reflect on the meaning of their posters in the context of religious values and concern for nature.	Students conduct research on poster topics, dig up data, and organize information with an informative frame of mind.

Based on this table, it can be seen that the activities are related with natural tadabbur, such as observing marine life, education about beach ecosystems, beach waste management, and poster making Environmental education, not only provides ecological understanding to students, but also involving them directly in interaction with nature. Natural tadabbur-based learning format to be very strategic in improving the quality of Islamic boarding schools by the following reasons: a. Students can adapt to the surrounding natural environment, know the importance of life skills and life experience in environment and natural surroundings and have an appreciation for environment and natural surroundings (Rosyid, n.d.). Experience Holistic learning occurs during natural tadabbur activities involves various aspects, including understanding ecology, responsibility social responsibility, and concern for the environment. It creates a holistic learning experience, combining dimensions spiritual, intellectual, and practical in one. b. By engaging in direct observation and interaction with nature, students not only gain knowledge about ecosystem, but also forms positive characters such as caring, responsibility, and skills in managing the environment. c. The concept of natural tadabbur is naturally related to values Islam, allows students to relate to the observation of beauty nature with an understanding of the majesty of God's creation. This matter adding a spiritual dimension to ecological learning. Embodiment from the attitude of the students who understand and apply it in social field, including their participation and active role starting in the community (Putera 2023). d. In a learning format based on natural tadabbur, measurement The quality of Islamic boarding schools becomes more comprehensive.

Evaluation is not only focused on academic achievement, but also engaging aspects such as character development, environmental awareness, and social participation. Through activities such as waste management and manufacturing poster, students are empowered as agents of change who provide positive contribution to the Islamic boarding school environment and the surrounding community. This form a proactive mindset and high social awareness. Self-awareness is the basis of emotional intelligence. Ability to monitor and control emotions from time to time is important for psychological insight and self-understanding (Alfarisi et al. 2021). So environmental concern are attitudes and actions that prevent damage to the natural environment surroundings and efforts to repair existing damage

## b. Rice Field Environment

Furthermore, natural tadabbur is also applied to rice fields. Rice fields owned by residents around the Islamic Boarding School Nurul Jadid is proven to produce a variety of agricultural products can be used for consumption or sale. Sahal stated that natural tadabbur activities are for the development of the spiritual dimension and intellectualism of students is carried out through this method, namely by involving students in direct observation of rice fields as learning practice. Based on the results of field research, students were involved in observations in K. Moyan's rice fields located inside cottage complex. The rice fields they visited had soil structure which is fertile and produces abundant harvests, especially crops tobacco. Apart from that, students also learn about the harvest process by farmers and how agricultural products are sold. From this observation, the students showed high enthusiasm and joy in carrying out natural tadabbur learning activities. The teachers also show high levels of innovation and creativity guide students, so that the desired learning objectives can be achieved optimally. Apart from that, students are also taught to sort waste, so Waste such as plastic bottles, mineral water glasses are stored and then if they are lots can be sold and the money from the sale goes to the class treasury (Ismail 2021).

Tabel 3: Kegiatan

NO	KEGIATAN	OUTPUT	
		SPIRITUAL	INTELEKTUAL
1	Rice Field Ecosystem Observation	Santri have a spiritual understanding of the role of rice fields in creating natural balance.	Students observe plants, animals and microorganisms in the rice field environment.
2	Organic Farming Training	Conveying an understanding of responsibility as caliph on earth and preserving nature as a form of worship.	Santri take part in training in organic farming techniques.
3	Rice Planting and Making Agricultural Maps	Santri develop awareness of the deep meaning of rice cultivation as a life cycle illustrated through plant growth from seed to harvest.	Santri are involved in planting rice and making simple agricultural maps.

Based on this table, it can be seen that the activities are related with natural tadabbur, such as observing rice field ecosystems, training organic farming, as well as rice planting and making agricultural maps, not only teaches ecological knowledge to students, but also involve them actively in direct interaction with nature. The use of a learning format based on natural tadabbur becomes strategic in improving the quality of Islamic boarding schools, and this can be done explained for a number of reasons below. Events that occurred in The natural environment can play a role in helping mature maturity individuals as well as improving science and technology, that is there are many lessons that can be taken from the natural environment (Rosyid, n.d.). a. Rice Field Ecosystem Observation. Students will make observations directly to the rice field ecosystem. This involves observation on various ecosystem components, such as rice plants, fauna around rice fields, and overall ecosystem interactions. b. Organic Farming Training. Students will take part in training organic farming to understand the principles of agriculture environmentally friendly. They will learn about the use of fertilizer organic, natural pest control, and sustainable practices in agriculture. c. Rice Planting. This

activity directly involves students in rice cultivation.

They will learn about engineering effective planting, plant care during the cycle growth, and the importance of direct involvement in the process agriculture. Making Agricultural Maps: Students will make agricultural maps which covers various aspects, such as plant location, planting patterns, and other environmental aspects. This will involve understanding in depth about the structure of agricultural land and its impact on ecosystem.

### **Encouraging Concern for Nature, the Environment, and Public**

Natural tadabbur has a significant impact in triggering awareness and concern for nature, the environment and society students at the Islamic boarding school. This has proven successful in increasing understanding and students' sensitivity to natural ecosystems. This program aims to responding to environmental problems with knowledge and growth awareness about the meaning of the environment for survival (Prihatmoko 2020). According to Joseph Juran, quality is fitness for use (fitness for use), this means that a product or service must be suitable with what is needed or expected by the user (Ash'ari and Islam, n.d.) . Strategy for improving the quality of Islamic boarding schools based on natural tadabbur involves the implementation of natural education education in the curriculum Islamic boarding school, an effort to increase environmental awareness through activities seminars and workshops, sustainability practices in Islamic boarding school daily activities, and quality evaluation oriented towards natural tadabbur with an emphasis on spiritual and intellectual dimensions of students. The goal of this strategy is to shape a generation of students who are not only academically intelligent, but also... have awareness and concern for nature and society. Islamic boarding school strategy that focuses on natural tadabbur, with a purpose The main thing is to encourage concern for nature, the environment and society, is a holistic approach in improving the quality of Islamic boarding schools comprehensive. Thus, Islamic boarding schools are not only centers religious learning alone, but also as a place for character formation and instilling sustainable social care values.

### **CONCLUSION**

The natural tadabbur-based Islamic boarding school quality strategy is an approach innovative that integrates learning about the natural environment, in particular through the use of the environment such as clever and rice fields. Implementation This strategy does not only focus on improving the intellectual development of the students involved knowledge about nature, but also in building the dimension of spirituality them in responding to nature. Utilization of the surrounding environment, such as being clever and rice fields, are effective means of providing a good learning experience holistic for students. Thus, the output from the implementation of this strategy not only seen in the increase in students' intellectual knowledge of nature, but also in the development of their spirituality. Not only students learn academically about ecosystems, but also internalize the values spiritual values in responding to and preserving nature. Through this approach, Islamic boarding schools do not only act as institutions religious education, but also as an institution that shapes character and students' spiritual awareness of the environment. Islamic boarding school quality strategy based on natural tadabbur is an innovative step in printing a generation of students who are not only intellectually intelligent, but also have a strong sense of concern and spirituality towards nature and life around.

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