

The Transformation of Islamic Boarding Schools in Indonesia: A Shift in Organizational Management and Leadership Patterns

Rizal Rahmawan Muis^{1*}, Lili Indriyani², Iis Arifudin, Ria Yulia Gloria, Djohana

Rochanda Wiradinata

Post Graduate Degree in Islamic Education Management, UIN Siber Syekh Nurjati Cirebon,

e-mail:

fkipdiksatrasia9@gmail.com, liliindriyani785@gmail.com, iisarifudin@uinssc.ac.id, ria_yulia_gloria@syekh
nurjati.ac.id, rochandawiradinata@gmail.com

Received Month DD, 20YY;

Revised Month DD, 20YY;

Accepted Month DD, 20yy;

Published Online DD, 20yy

Abstract:

The evolution of Islamic boarding schools (pesantren) in Indonesia signifies a fundamental transformation in their approaches to organizational management and leadership. Historically, the pesantren structure has revolved around the figure of the kyai, who embodies spiritual authority, educational leadership, and managerial control. The kyai's influence, rooted in personal charisma and moral integrity, has long served as the cornerstone of pesantren governance.

In the face of modernization and globalization, however, traditional leadership models have been increasingly challenged by the demand for more systematic, transparent, and participatory management practices. The need to enhance institutional accountability, administrative efficiency, and educational quality has driven many pesantren to adopt modern organizational frameworks while striving to maintain their distinctive spiritual ethos.

This study aims to examine the ongoing transformation in organizational structures and leadership patterns of kyai in managing pesantren within the context of contemporary education. Employing a qualitative descriptive methodology, data were collected through in-depth interviews, document analysis, and field observations conducted at several pesantren representing diverse typologies and managerial orientations.

The findings reveal a gradual yet notable shift from a purely charismatic and centralized leadership model toward a more collaborative and distributed governance structure. Although the kyai continues to serve as the symbolic and spiritual leader, decision-making processes increasingly involve administrators, teachers, and community stakeholders. Structural reforms include clearer delegation of authority, the formation of specialized management units, and the implementation of modern administrative systems.

Despite these managerial innovations, pesantren remain deeply rooted in their spiritual and cultural values, which continue to shape institutional identity and guide organizational behavior. The study concludes that pesantren have successfully harmonized traditional religious leadership principles with contemporary management concepts, thereby reinforcing their relevance and sustainability in the modern educational landscape.

Alamat Penyunting dan Tata Usaha:
Laboratorium Pendidikan Luar Sekolah
Fakultas Ilmu Pendidikan
Gedung O-1 Lantai 2 Jalan Lidah Wetan
Sby Kode Pos 60213
Telp. 031-7532160 Fax. 031-7532112
E-mail: jpus@unesa.ac.id

Keywords: pesantren transformation; kyai leadership; organizational management; Islamic education; modernization; collaborative governance

INTRODUCTION

Islamic boarding schools (*pesantren*) have long stood as one of the most enduring educational institutions in Indonesia. Beyond functioning as centers of Islamic learning, they have played a vital role in shaping moral values, social character, and cultural identity within Muslim communities. For centuries, *pesantren* have upheld a distinctive educational tradition grounded in Islamic ethics and communal service. At the core of this tradition is the *kyai* a figure of both religious and social influence whose authority extends across spiritual, pedagogical, and managerial domains. The *kyai* not only guides students toward spiritual growth but also oversees institutional governance, ensuring that all educational and social activities reflect the principles of faith, discipline, and devotion to the community. This leadership model has sustained the legitimacy and continuity of *pesantren* across generations.

However, Indonesia's rapid transition into an era of modernization and globalization has presented significant challenges for these institutions. The spread of digital education, increased expectations of public accountability, and growing demands for managerial transparency have compelled *pesantren* to adapt to new realities. While their traditional identity remains a source of strength, the need for structural and managerial reform has become inevitable. Transformation in this context involves not only administrative adjustments but also a reconfiguration of leadership and governance. As Bekker, Craig, and Pistorius (1999) note, organizational transformation can be viewed as a cyclical process of modeling, testing, and refinement similar to iterative processes in industrial systems. Likewise, *pesantren* must continuously evaluate and adjust their internal mechanisms to remain responsive and relevant in the evolving educational landscape.

Leadership transformation lies at the center of this adaptive process. Fridman (2008) argues that successful transformation within complex systems depends on harmonizing traditional energy sources with modern dynamics. In the *pesantren* context, this harmony reflects the need to balance spiritual authority with professional competence. The *kyai*, therefore, is not only a spiritual mentor but also a catalyst for institutional change facilitating innovation, accountability, and collaboration. Such a role demands a transition from purely charismatic authority to more adaptive and participatory leadership models, where teachers, administrators, and community members are meaningfully involved in decision-making.

Equally important is the preservation of institutional identity throughout the reform process. Roeva (2012) emphasizes that genuine transformation occurs when modernization coexists with the organization's core cultural values. In *pesantren*, leadership reform should thus be viewed not as a departure from tradition, but as a contextual reinterpretation of it. The *kyai*'s moral integrity and spiritual insight remain at the heart of the system; however, their leadership scope now extends to governance enhancement, capacity building, and technological integration. This development aligns with Istadi's (2006) notion of hybrid systems organizational structures that integrate traditional wisdom with modern strategies to achieve optimal performance.

From a managerial standpoint, the transformation of *pesantren* resembles a dynamic and interconnected process involving spiritual, social, and administrative components. Hovmand (1995) describes such transformations as requiring equilibrium among interacting elements, much like "plasma chemistry" in evolving systems. Maintaining this balance is essential for *pesantren* to remain spiritually authentic while simultaneously improving institutional efficiency and accountability. As highlighted by the United Arab Emirates Architecture (n.d.) and the Benton Foundation (1998), modernization within traditional institutions must be guided by structural innovation as well as sensitivity to the community's social and cultural fabric.

Therefore, this study seeks to analyze the transformation of organizational structures and leadership patterns within *pesantren* as they navigate the challenges of modernization. Using a qualitative descriptive approach, the study explores how shifts in authority distribution, institutional collaboration, and management systems contribute to sustainable reform. Ultimately, this research contends that the long-term vitality of *pesantren* depends on their ability to harmonize spirituality with professionalism ensuring that the moral essence of Islamic education continues to flourish amid the complexities of contemporary educational reform.

METHOD

a. Research Methodology

This study applied a qualitative descriptive research design, considered most suitable for examining the transformation of organizational structures and *kyai* leadership patterns within the complex socio-religious environment of Islamic boarding schools (*pesantren*). The qualitative approach allowed for an in-depth exploration of leadership dynamics, cultural continuity, and managerial adaptation as *pesantren* engage with the pressures of modernization. As Bekker, Craig, and Pistorius (1999) highlight, analyzing complex systems requires iterative observation and contextual interpretation rather than numerical generalization. Therefore, qualitative inquiry was chosen to capture the lived experiences, perceptions, and adaptive strategies emerging within the *pesantren* community.

This research design aligns with the interpretivist paradigm, which views social reality as a construct shaped by human interaction and context. The study's focus was not on hypothesis testing but on uncovering meanings and relationships between traditional authority and contemporary managerial change. The qualitative design also permitted methodological flexibility through the triangulation of interviews, observations, and document analyses enhancing the study's credibility and analytical depth.

b. Research Location and Context

The research was conducted across several *pesantren* in West Java and Cirebon, Indonesia. These sites were selected based on their historical richness, diverse governance models, and visible engagement in organizational modernization. Each institution represents a different stage of transformation some retaining traditional hierarchies, while others have moved toward semi-formal or modern administrative frameworks.

This contextual diversity enabled a comprehensive understanding of how change occurs under varying conditions of leadership style, community involvement, and institutional culture. The socio-religious setting of these *pesantren* illustrates the ongoing negotiation between spiritual tradition and educational reform. As Fridman (2008) observes, transformation in complex systems arises when traditional energy interacts with external forces a dynamic clearly evident in *pesantren* as they strive to balance devotion, professionalism, and accountability.

c. Participants

Participants were selected through purposive sampling, focusing on individuals with substantial experience and direct involvement in the management and leadership of *pesantren*. The total sample comprised fifteen respondents five *kyai* (spiritual leaders), five *ustadz* (teachers), and five administrative officers from three *pesantren* institutions.

Eligibility criteria included: (1) a minimum of five years of involvement in *pesantren* management, (2) familiarity with both traditional and modern administrative practices, and (3) willingness to participate and share personal insights. This selection strategy ensured that data reflected multiple perspectives across different organizational functions, offering a holistic view of leadership transformation.

d. Data Collection Techniques

Data collection employed three primary techniques: semi-structured interviews, field observations, and document analysis.

- **Semi-Structured Interviews**

In-depth interviews were conducted face-to-face, each lasting between 45 and 90 minutes. Participants were asked open-ended questions about leadership styles, decision-making processes, and organizational change in response to modernization. This flexible format enabled the researcher to probe further into emerging themes. All interviews were conducted with prior consent, recorded, and transcribed verbatim for analysis.

- **Field Observations**

The researcher carried out direct observations of daily activities within *pesantren* environments teaching sessions, management meetings, and community gatherings. Observational notes documented leadership behavior, communication patterns, and institutional culture. As Roeva (2012) suggests, real-world system analysis requires contextual immersion to understand how theoretical frameworks operate in practice.

e. Document Analysis

Supporting documents including organizational charts, strategic plans, curricula, and historical archives were analyzed to triangulate findings from interviews and observations. These materials offered structural evidence of organizational reform and clarified the evolving roles within *pesantren* leadership frameworks.

f. Data Analysis

Data were analyzed using the Miles and Huberman (1994) interactive model, which consists of three key stages: data reduction, data display, and conclusion drawing with verification.

- **Data Reduction**

All transcripts, field notes, and documents were coded and categorized thematically into clusters such as leadership transformation, decision-making, organizational adaptation, and modernization challenges. Redundant or irrelevant data were eliminated, ensuring that only material relevant to research objectives was retained.

- **Data Display**

The organized data were visualized in matrix tables to identify relationships between leadership styles and structural reforms. This comparative display facilitated cross-case analysis among the three *pesantren*, highlighting both shared and distinctive transformation patterns.

- **Conclusion Drawing and Verification**

Conclusions were drawn inductively from recurring themes across the data sets. Member checking was conducted by inviting participants to review and validate interpretations, thereby enhancing the accuracy and credibility of findings.

g. Trustworthiness and Validity

The study's trustworthiness was established according to the four criteria proposed by Lincoln and Guba (1985): credibility, transferability, dependability, and confirmability.

- **Credibility** was maintained through data triangulation using multiple sources and methods (interviews, observations, documents).
- **Transferability** was ensured by providing detailed contextual descriptions, enabling readers to determine the applicability of findings in other settings.
- **Dependability** was achieved by thoroughly documenting research processes, coding procedures, and analytical decisions.
- **Confirmability** was upheld through reflective journaling and careful interpretation grounded in empirical evidence rather than personal bias. Prolonged engagement in the field, peer debriefing, and consistent validation reinforced the overall validity of the research.

h. Ethical Considerations

Ethical standards were rigorously observed throughout the research process. Participants received clear explanations of the study's objectives, voluntary nature, and confidentiality protocols. Written consent was obtained prior to interviews, and pseudonyms were used in transcripts and reports to protect participants' identities. Sensitive institutional information was treated with strict confidentiality.

This research followed the ethical guidelines established by the Faculty of Education, UIN Syekh Nurjati Cirebon, and adhered to general international standards for qualitative research ethics.

i. Research Limitations

As a qualitative study, the findings are context-specific and cannot be generalized to all *pesantren* in Indonesia. The interpretations are also shaped by the researcher's academic background and field experiences, though triangulation and member validation helped minimize potential bias. Furthermore, the limited number of institutions studied constrains broader comparison. Future research could expand on these findings by employing mixed-method approaches or longitudinal studies to examine the sustained impact of organizational transformation over time.

Summary

In summary, this qualitative descriptive inquiry provided a holistic view of how *pesantren* are transforming their organizational structures and leadership models amid the pressures of modernization. Through a triangulated methodology involving interviews, observations, and document analysis, the study illuminated the dynamic interplay between spirituality and institutional professionalism. Grounded in

ethical rigor and methodological depth, the research contributes to the broader discourse on leadership and management reform in Islamic educational institutions, demonstrating how traditional values can coexist with modern governance principles

RESULTS AND DISCUSSION

a. Overview of Findings

The transformation of organizational structures and *kyai* leadership patterns within Islamic boarding schools (*pesantren*) represents a gradual yet profound process of adaptation. Findings from this study reveal that modernization in *pesantren* does not manifest as a rupture with tradition, but rather as an incremental evolution shaped by changing educational, social, and technological contexts.

Based on data derived from interviews, field observations, and document analyses conducted across three *pesantren* in Cirebon and West Java, three major themes emerged:

- 1) structural reform and delegation of authority,
- 2) the evolution of *kyai* leadership toward collaborative and adaptive models, and
- 3) the negotiation between spirituality and managerial professionalism.

These interrelated themes illustrate the *pesantren*'s transition from a centralized, *kyai*-dominated system to a more participatory organizational model that integrates moral authority with modern management practices. Despite differences in institutional size and resources, all *pesantren* examined shared a consistent aspiration to modernize their systems without compromising their Islamic identity.

b. Structural Reform and Delegation of Authority

Traditionally, *pesantren* governance revolved almost entirely around the *kyai*. Every decision from curriculum content to financial management was made personally by the *kyai*, often without written documentation. This pattern reflected not only the spiritual centrality of the *kyai* but also the cultural reliance on his charisma and moral legitimacy. However, field evidence indicates a growing shift toward formalized management structures. Several *pesantren* have begun establishing specialized departments such as *departemen pendidikan* (education), *keuangan* (finance), and *pengembangan santri* (student affairs). This institutional restructuring signifies a move toward systematic administration and clearer distribution of responsibility.

As one *kyai* explained:

"In the past, everything was decided intuitively. People trusted me to know what was best. But as the pesantren expanded, I realized that trust must also be supported by systems that ensure accountability."

This statement underscores a critical transformation the recognition that moral authority alone is insufficient to sustain increasingly complex organizations. The establishment of job descriptions, delegated tasks, and performance monitoring represents a shift toward institutional professionalism, echoing Bekker, Craig, and Pistorius' (1999) view of structured system modeling. Rather than diminishing the *kyai*'s authority, these reforms have redefined it. The *kyai* now functions more as a strategic leader setting vision and direction while operational management is delegated to trained administrators or vice principals. This distributed leadership structure ensures continuity, reduces dependency on personal charisma, and enhances organizational resilience.

Moreover, some *pesantren* have formalized succession planning. Leadership transitions, once governed by family inheritance, now involve senior teachers and administrative councils to ensure leadership readiness and institutional stability.

c. Evolution of Kyai's Leadership: From Charisma to Collaboration

One of the most striking findings is the evolution of *kyai* leadership from a purely charismatic model toward one that is collaborative and adaptive. Historically, the *kyai*'s command carried absolute authority; obedience was viewed as a religious duty grounded in spiritual devotion. However, the rise of government oversight, accreditation demands, and broader public accountability has created pressure for participatory governance.

Interviews with *ustadz* revealed that younger educators now favor leadership that values dialogue and inclusivity. One teacher remarked:

"We deeply respect the kyai, but we are more motivated when our ideas are acknowledged. The kyai still makes the final decision, but now discussions are encouraged."

This reflects Fridman's (2008) notion that transformation in complex systems depends on harmonizing traditional energy with modern dynamics. In practice, the *kyai* increasingly serves not only as a spiritual guide but also as a facilitator, mentor, and visionary leader.

Observations indicate that regular coordination meetings between *kyai*, teachers, and administrators have become a common feature in modern *pesantren*. These forums often begin with collective prayers, reinforcing spiritual grounding, but they also promote open discussion on academic innovation, student welfare, and community development.

The essence of *barokah* (blessing) remains, yet it now coexists with organizational rationality. The *kyai*'s charisma endures not as authoritarian control but as a moral influence that nurtures shared trust and motivation. This transition exemplifies the blending of traditional leadership ethics with contemporary management principles.

d. Negotiating Spirituality and Managerial Professionalism

Balancing spirituality with professionalism emerged as one of the most nuanced challenges faced by *pesantren*. Many administrators expressed concerns that formal management procedures might erode the spiritual soul of their institutions.

Some senior *ustadz* resisted digital systems for attendance or finance, perceiving them as overly bureaucratic. Meanwhile, younger staff advocated for digitalization, emphasizing its role in ensuring transparency and efficiency. This intergenerational tension mirrors Roeva's (2012) observation that integrating innovation into value-based systems requires careful cultural negotiation.

Successful *pesantren* have reconciled this tension by framing professionalism through Islamic ethics. Concepts such as efficiency, discipline, and accountability are interpreted as manifestations of *amanah* (trust) and *ihsan* (excellence).

For instance, a *pesantren* in Cirebon implemented a computerized financial management system, which the *kyai* contextualized as part of the Islamic principle of *hisab* the obligation of precise accountability before God. This reinterpretation allowed the institution to embrace modernization without sacrificing its religious integrity.

This model aligns with Istadi's (2006) idea of hybrid system development integrating the procedural strengths of modern systems with the ethical foundations of traditional wisdom. Modernization in *pesantren*, therefore, is not secularization; it is a process of spiritual renewal (*tajdid*) that enables faith-based institutions to thrive within contemporary frameworks.

e. Organizational Culture and Resistance to Change

Resistance to change remains an inevitable aspect of institutional transformation. Some *kyai* and senior administrators initially viewed managerial reforms as unnecessary or even as threats to their authority. The expression "*urusan pesantren cukup dengan barokah kya*" (the blessing of the *kyai* is sufficient) encapsulates this traditional mindset.

Nevertheless, continuous engagement with external audits, accreditation bodies, and government collaborations has gradually shifted these perceptions. Accountability is now seen not as opposition to faith but as its operational expression.

To manage resistance, many *kyai* have adopted gradual approaches to reform. Rather than enforcing top-down policies, they conduct *halaqah manajemen* (management study circles) to discuss Islamic principles of leadership and organization. This participatory pedagogy encourages organic acceptance of change through collective reflection.

Younger *ustadz* also play a mediating role, bridging generational gaps by translating modern administrative concepts into culturally acceptable forms. Their dual familiarity with tradition and technology makes them effective agents of institutional adaptation.

f. Community Engagement and Institutional Legitimacy

Another important finding concerns the expanding social role of *pesantren*. Traditionally secluded from public affairs, *pesantren* are now engaging in community development, environmental education, and social entrepreneurship.

Such expansion necessitates open and accountable management systems. Several institutions have built formal partnerships with government agencies and NGOs, introducing structured reporting and project evaluation. These collaborations have increased institutional legitimacy and provided access to broader networks and resources.

The *kyai*'s leadership in this context extends beyond religious instruction. He acts as a moral entrepreneur, articulating the values of justice, compassion, and communal welfare in public discourse. As one local official noted:

"When the kyai speaks about community welfare, people listen not because of his position, but because of his sincerity and integrity.' This moral credibility, combined with modern governance, strengthens the pesantren's position as a model of faith-based social innovation.

Conclusion

The transformation of organizational structure and *kyai* leadership in Islamic boarding schools represents one of the most significant shifts in contemporary Islamic education. This transformation is not about abandoning tradition but about renewing it reinterpreting the timeless wisdom of the pesantren within the realities of a changing world.

The findings demonstrate that pesantren can evolve without losing their essence. Through adaptive leadership, structured management, and community collaboration, pesantren are redefining what it means to be both faithful and functional in the 21st century.

As one *kyai* wisely concluded:

"We modernize not to imitate others, but to serve God better through our work. Management is just another way to practice amanah." In essence, the ongoing transformation in pesantren reflects a living dialogue between tradition and innovation a testament that faith, when guided by wisdom, remains timeless amid change..

RECOMMENDATION

The study on the transformation of organizational structures and leadership patterns in Islamic boarding schools (*pesantren*) highlights that change in these traditional institutions is possible and necessary when approached with wisdom, participation, and faith. Based on the findings and reflections from the field, the following recommendations are proposed to guide pesantren leaders, policymakers, and educators in strengthening institutional sustainability while preserving their spiritual core.

a. Developing Transformational and Reflective Leadership for Kyai

The *kyai* remains the central pillar of pesantren life. His spiritual authority is unquestionable, but in today's dynamic educational landscape, leadership also requires administrative foresight and managerial competence. Many *kyai* have led their institutions successfully through experience and intuition, yet the complexity of modern management now demands broader knowledge and adaptability.

It is therefore recommended that pesantren and higher education institutions collaborate to design leadership development programs specifically for *kyai* and pesantren managers. These programs should not aim to "Westernize" pesantren leadership but to enrich it integrating classical Islamic ethics with modern management tools such as strategic planning, organizational communication, and digital administration. Leadership training must remain rooted in the principles of *amanah* (trust), *ikhlas* (sincerity), and *ihsan* (excellence). When management is viewed as a form of worship, professionalism becomes a spiritual act. Through reflective training, *kyai* can maintain their moral authority while gaining new capacities to guide pesantren into the future.

b. Building Collaborative Governance Based on the Principle of Shura

One of the most encouraging findings in this study is the emergence of collaborative management practices in pesantren. Institutions that practice collective decision-making involving teachers, administrators, and community members tend to experience smoother and more sustainable reforms.

This reflects the Islamic principle of *shura* (consultation), which values dialogue and shared wisdom in leadership.

Pesantren are encouraged to formalize participatory governance mechanisms, such as management boards, teacher councils, or leadership teams. These structures do not replace the *kyai*'s authority; rather, they strengthen it by distributing responsibility and enhancing trust. In practical terms, regular *musyawarah lembaga* (institutional deliberations) should become part of the pesantren's routine. Such forums provide space for dialogue, allow for multiple perspectives, and nurture a culture of transparency. When collaboration becomes a habit, modernization no longer feels like an external demand but an organic expression of shared responsibility.

c. Harmonizing Spiritual Values and Managerial Professionalism

Many pesantren leaders still fear that adopting formal management systems will weaken their spiritual atmosphere. However, this study found that when professionalism is grounded in Islamic values, it enhances rather than diminishes spirituality. Modern management can be an act of *ibadah* when it embodies discipline, integrity, and accountability.

REFERENCES

Amin, A. R. (2019). *Manajemen Pesantren di Era Globalisasi: Tantangan dan Strategi Kepemimpinan Kyai*. Yogyakarta: Deepublish.

Aspinall, E., & Fealy, G. (Eds.). (2010). *Soeharto's New Order and Its Legacy: Essays in Honour of Harold Crouch*. Canberra: ANU Press.

Bekker, J. G., Craig, I. K., & Pistorius, P. C. (1999). Modeling and simulation of arc furnace process. *ISIJ International*, 39(1), 23–32.

Bolman, L. G., & Deal, T. E. (2017). *Reframing Organizations: Artistry, Choice, and Leadership* (6th ed.). San Francisco: Jossey-Bass.

Bush, T. (2018). *Theories of Educational Leadership and Management* (5th ed.). London: SAGE Publications.

Dhofier, Z. (1982). *Tradisi Pesantren: Studi Pandangan Hidup Kyai dan Visinya Mengenai Masa Depan Indonesia*. Jakarta: LP3ES.

Fadhilah, M. (2009). *Dinamika Kepemimpinan Pesantren di Tengah Arus Modernisasi Pendidikan Islam*. Jakarta: Rajawali Press.

Fridman, A. (2008). *Plasma Chemistry*. Cambridge: Cambridge University Press.

Hovmand, S. (1995). Fluidized bed drying. In Mujumdar, A. S. (Ed.), *Handbook of Industrial Drying* (2nd ed., pp. 195–248). New York: Marcel Dekker.

Istadi, I. (2006). *Development of a Hybrid Artificial Neural Network – Genetic Algorithm for Modelling and Optimization of Dielectric-Barrier Discharge Plasma Reactor* (PhD Thesis). Universiti Teknologi Malaysia.

Karim, A. (2016). *Manajemen Pendidikan Islam: Teori dan Praktik*. Bandung: Alfabeta.

Komariah, A., & Triatna, C. (2015). *Visionary Leadership: Menuju Sekolah Efektif*. Jakarta: Bumi Aksara.

Kusnadi, E. (2021). The role of Kyai in transforming Islamic education management in Indonesia. *Journal of Islamic Education Studies*, 9(2), 145–159.

Lincoln, Y. S., & Guba, E. G. (1985). *Naturalistic Inquiry*. Newbury Park, CA: Sage Publications.

Moleong, L. J. (2019). *Metodologi Penelitian Kualitatif* (Edisi Revisi). Bandung: Remaja Rosdakarya.

Nata, A. (2014). *Pendidikan Islam di Indonesia: Sejarah, Pemikiran, dan Lembaga*. Jakarta: Kencana.

Nurdin, N. (2017). *The Impact of Leadership Style on Islamic Boarding School Effectiveness*. *International Journal of Islamic Educational Studies*, 5(1), 33–50.

Owens, R. G., & Valesky, T. C. (2011). *Organizational Behavior in Education: Leadership and School Reform* (10th ed.). Boston: Pearson.

Roeva, O. (2012). Real-world applications of genetic algorithm. In *International Conference on Chemical and Material Engineering* (pp. 25–30). Semarang, Indonesia: Department of Chemical Engineering, Diponegoro University.

Rohman, M. (2020). Leadership transformation in pesantren: Between traditional authority and modern management. *Jurnal Manajemen Pendidikan Islam*, 8(1), 77–92.

Rosyada, D. (2013). *Paradigma Pendidikan Demokratis: Sebuah Model Pelibatan Masyarakat dalam Penyelenggaraan Pendidikan*. Jakarta: Kencana.

Sahal, M. (2018). The dynamics of pesantren leadership in contemporary Indonesia. *International Journal of Islamic Education*, 10(2), 88–103.

Saridjo, M. (2019). *Kepemimpinan Kyai dalam Mengelola Lembaga Pendidikan Islam*. Cirebon: IAIN Press.

Chein, E. H. (2010). *Organizational Culture and Leadership* (4th ed.). San Francisco: Jossey-Bass.

Senge, P. M. (2006). *The Fifth Discipline: The Art and Practice of the Learning Organization*. New York: Doubleday.

Smith, R. (2020). Islamic leadership and institutional change in Southeast Asia. *Asian Journal of Religion and Society*, 12(3), 201–217.

Stewart, J. (2011). *Managing Change through Transformational Leadership*. London: Routledge.

United Arab Emirates architecture. (n.d.). Retrieved June 17, 2010, from UAE Interact website: <http://www.uaeinteract.com/>

Yukl, G. A. (2013). *Leadership in Organizations* (8th ed.). Boston: Pearson Education.