

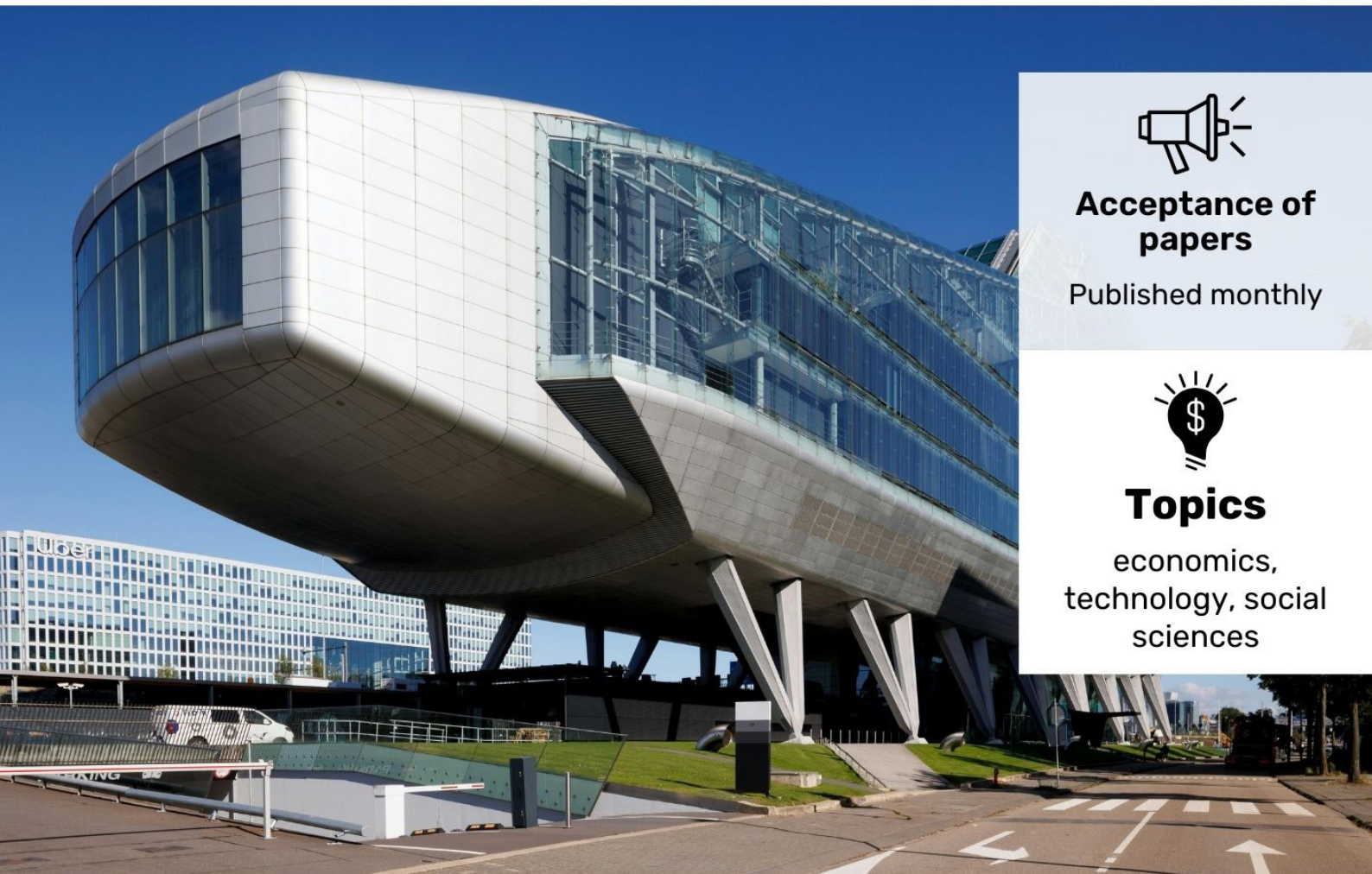
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CONTACTS

Phone: **97-748-70-03**

Website: <https://ist-journal.uz>

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CONTENTS

Development of green finance in Uzbekistan in the context of sustainable development	6
Jiyanova N.E., Alimkhonova G.E.	
Outsourcing as a key component of modern business: new perspectives and scientific approaches.....	11
Razzakov Kuvonchbek Anvar ugli, Iskandarov Xumoyun Sevdiyor ugli	
Ways to ensure the financial stability of enterprises in Karakalpakstan.....	15
Baymuratova Zina Aqilbekovna, Mustafaeva Khurliman Azatovna	
Theory and methodology of teaching foreign languages: a modern perspective	21
To'ychiyev Azamat Farxod o'g'li, Elmirezayeva Maftuna Dusmurod qizi	
Approaches to enhancing production strategies in enterprises through innovation activities.....	26
Fayzullayeva Aziza Nusratillayevna	
The impact of global crises on financial markets.....	30
Fayziyev Samandar Sobir ugli	
Blockchain technology in Uzbekistan tax administration system	35
Melikhurozov Bexruz Bekzod ugli, Ida Farida Adi Prawira	
Ways to save budget funds through effective organization of public procurement.....	41
Rakhmatullayev Jaloliddin Mukhiddinovich	
Risk management in islamic banking: principles, practices, and challenges.....	47
Safarova Nasiba Gulmurod kizi	

RISK MANAGEMENT IN ISLAMIC BANKING: PRINCIPLES, PRACTICES, AND CHALLENGES

Safarova Nasiba Gulmurod kizi

Assistant teacher, Tashkent State University of Economics,

Email: n.safarova@tsue.uz

Abstract: This article explores the principles, practices, and challenges associated with risk management in Islamic banking. With the rising prominence of Islamic finance globally, particularly in countries with large Muslim populations, it is crucial to understand the unique aspects of risk management that differentiate Islamic banking from conventional banking systems. The study focuses on key Islamic finance principles such as the prohibition of interest (riba), risk-sharing, and ethical investment, which influence the way risks are identified, assessed, and managed. By conducting a comprehensive review of existing literature and analyzing current practices, this paper provides a detailed overview of the risk management framework in Islamic banks, highlighting both the advantages and challenges inherent in these systems.

Key words: Islamic Banking, Risk Management, Islamic Finance, Riba, Risk-Sharing, Ethical Investment, Challenges, Practices.

INTRODUCTION

Risk management is a fundamental component of financial institutions' operations, ensuring the stability and sustainability of the banking system. In the context of Islamic banking, risk management takes on a distinctive form due to the ethical and religious principles that underpin it. Islamic banks operate on a model that adheres to Shariah law, which prohibits certain practices such as charging interest (riba), investing in unethical industries, and ensures that risk is shared between parties rather than transferred unilaterally. The purpose of this study is to explore how these unique principles shape the risk management practices in Islamic banking institutions.

The global growth of Islamic finance, particularly over the past few decades, has prompted an increased focus on the operational and financial risks associated with these institutions. While conventional banks rely on risk-transfer mechanisms, Islamic banks emphasize risk-sharing, which presents both advantages and challenges in managing financial stability. Despite the increasing interest in Islamic finance, there remains a limited understanding of how risk management is implemented and the specific challenges faced by these institutions, particularly in the face of global economic uncertainties. This article provides a comprehensive analysis of the principles of risk management within Islamic banking, discusses current risk management practices, identifies the challenges faced by Islamic banks, and presents suggestions for overcoming these challenges to enhance their financial stability.

LITERATURE REVIEW

Risk management in Islamic banking is a relatively under-researched area, but several key studies and reports have contributed to our understanding of how Islamic banks manage risks. Central to Islamic finance is the concept of risk-sharing, which contrasts with the risk-transfer model that dominates conventional banking systems. According to Ayub, Islamic banks are required to share both the risks and rewards of financing transactions – a fundamental principle that impacts how financial institutions assess and manage risk [3].

The prohibition of riba (interest) is one of the most defining characteristics of Islamic finance. Instead of relying on interest-based lending, Islamic banks engage in profit-and-loss-sharing (PLS) arrangements, such as mudarabah and musharakah contracts. These arrangements involve a partnership between the bank and the client, where both parties share the risks and rewards of the investment. This system theoretically reduces systemic risk and promotes financial stability. However, as Al-Salem points out, these arrangements are highly dependent on the trustworthiness and competence of both parties, and the absence of a clear-cut return mechanism can create uncertainties [2]. Another key feature of Islamic finance is the prohibition of investing in unethical activities, such as alcohol, gambling, and tobacco. This ethical investment principle not only aligns with Islamic values but also impacts the risk management strategies of Islamic banks. By excluding certain industries from their investment portfolios, Islamic banks reduce their exposure to sectors with high volatility and legal uncertainties [4]. However, this ethical constraint limits the available investment opportunities,

potentially reducing the diversification of risk across different asset classes. The role of Shariah-compliant risk management instruments, such as sukuk (Islamic bonds), also plays a significant part in the risk management framework. Sukuk structures allow banks to raise funds for large projects while adhering to Islamic principles, and they are often used to share risks between investors. However, as highlighted by Ahmed, the complexity of sukuk structures can introduce legal and operational risks, which must be carefully managed [1].

Islamic banks are also exposed to market risks, such as liquidity risk, credit risk, and operational risk. However, the nature of Islamic finance means that some of these risks are managed differently than in conventional banks. For instance, liquidity risk in Islamic banks is often mitigated through the use of Shariah-compliant instruments such as murabaha (cost-plus financing) and tawarruq (commodity-based financing). These tools help Islamic banks manage short-term liquidity needs while adhering to Islamic law [5].

RESEARCH METHODOLOGY

The research methodology employed in this study is qualitative in nature, based on a review of relevant academic literature, industry reports, and case studies. Primary data collection involved analyzing publications from scholarly journals, books, and institutional reports focusing on Islamic banking and finance. The methodology also included a comparative analysis of conventional banking practices to highlight the differences and nuances in risk management approaches.

Secondary data sources, such as reports from central banks, financial institutions, and international organizations (e.g., the Islamic Financial Services Board), were examined to gain insight into how Islamic banks have been managing risk in practice. The study also reviewed the legal and regulatory frameworks governing Islamic banks, particularly in regions where Islamic banking is most prominent, such as the Middle East, Southeast Asia, and parts of Europe. The analysis follows an inductive approach, where themes related to risk management principles, practices, and challenges were identified and discussed. The findings were then synthesized to propose recommendations for improving risk management in Islamic banks.

ANALYSIS AND RESULTS

The risk management practices in Islamic banking systems can be categorized into several broad areas: credit risk, liquidity risk, market risk, operational risk, and legal risk. Each type of risk requires specific strategies and tools to manage effectively.

Credit risk: Islamic banks face credit risk when a borrower is unable to meet their payment obligations. Since Islamic banking is based on profit-and-loss sharing, the risk of non-payment is shared between the bank and the borrower. However, this can also lead to higher default rates if the underlying project fails. Islamic banks mitigate credit risk by conducting thorough due diligence before entering into financing contracts and by requiring collateral or guarantees from borrowers in some cases [4].

Liquidity risk: Liquidity risk arises when a bank is unable to meet its short-term financial obligations. Islamic banks are restricted from using interest-bearing instruments to manage liquidity, which complicates their liquidity management strategies. However, they utilize Shariah-compliant instruments such as *sukuk* and short-term *murabaha* contracts to ensure sufficient liquidity. These instruments offer a way for Islamic banks to manage cash flows while complying with Islamic principles.

Market risk: Islamic banks are exposed to market risk, particularly in volatile markets. Since Islamic finance emphasizes risk-sharing, Islamic banks often invest in equity rather than debt, which exposes them to market fluctuations. The challenge lies in managing the volatility of equity markets while adhering to Islamic investment principles. Risk management tools such as hedging through Shariah-compliant derivatives are used to mitigate this risk, but their use remains controversial in some jurisdictions [3].

Operational risk: Operational risks in Islamic banking arise from system failures, fraud, or human error. As Islamic banks continue to adopt advanced technology and digital banking platforms, the complexity of managing operational risks increases. Effective internal controls and governance mechanisms are necessary to mitigate these risks. In this regard, Islamic banks are increasingly focusing on enhancing their technological infrastructure and cybersecurity measures [5].

Legal risk: Legal risks are especially significant for Islamic banks, given the reliance on Shariah-compliant contracts. Differences in interpretation and enforcement of Shariah law across different jurisdictions can create legal uncertainties for Islamic banks. As such, Islamic banks must have robust legal frameworks and strong relationships with Shariah scholars to ensure compliance and minimize legal risks [2].

The risk management practices in Islamic banks are not without challenges. One of the main challenges is the limited availability of Shariah-compliant risk management tools. While instruments like *sukuk* and Islamic derivatives have been developed to mitigate various risks, their complexity and the lack of standardization

across jurisdictions can create operational challenges. Furthermore, the ethical investment principles that guide Islamic finance limit the ability of Islamic banks to diversify their portfolios, which can increase their exposure to specific sectors or market conditions.

Another challenge is the lack of regulatory harmonization across countries. While institutions like the Islamic Financial Services Board (IFSB) have made strides in developing guidelines for risk management in Islamic banking, differences in regulatory approaches and interpretations of Shariah law create inconsistencies in how Islamic banks operate across borders. This fragmentation poses difficulties for Islamic banks that operate internationally or seek to attract global investors. Despite these challenges, the principles of risk-sharing and ethical investment in Islamic banking offer certain advantages. The emphasis on shared responsibility between the bank and the borrower can promote more sustainable financial practices and reduce systemic risk. Moreover, by excluding investments in unethical industries, Islamic banks can contribute to the creation of a more socially responsible financial system. However, to fully realize these benefits, it is crucial for Islamic banks to overcome the operational and regulatory challenges they face and to continuously adapt their risk management practices to the evolving global financial landscape.

CONCLUSION

In conclusion, risk management in Islamic banking is shaped by unique principles that differentiate it from conventional banking systems. While Islamic banks face several challenges in managing risk—particularly in terms of regulatory inconsistencies and the limited availability of Shariah-compliant risk management tools—their focus on risk-sharing and ethical investment provides a distinct approach to financial stability. By addressing the challenges discussed in this paper, Islamic banks can enhance their risk management practices and contribute to the long-term sustainability of the global financial system.

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