



## Decentralized Finance (DeFi) and the Democratization of Wealth: Promise or Illusion?

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### ABSTRACT

Decentralized Finance (DeFi) categorizes a paradigm shift in currency systems, promising to popularize wealth by removing traditional intermediaries through blockchain-based peer-to-peer networks. This paper critically explores DeFi's potential to foster economic inclusion and fairness, exploring both its groundbreaking possibilities and its limitations. While DeFi lowers traditional impediments to financial services and pleading to marginalized communities, systemic liabilities – such as technological risks, governing gaps, and the replication of existing disproportion – challenge its democratizing claims. Furthermore, the intentness of wealth among early adopters and ongoing security issues threaten to undermine DeFi's resource resilience. By evaluating DeFi's socio-technical scenery, regulatory framework, and broader economic ramification, the study argues that while DeFi offers significant possibilities, its promise of true wealth democratization remains fortuitous on comprehensive tectonic reforms rather than technological creation alone

## INTRODUCTION

The rapid advancement of blockchain technology has sparked profound transformations across various sectors, notably finance and art, challenging traditional centralized structures and prompting debates about equity and access. Emerging at the forefront of this revolution, decentralized finance (DeFi) promises to dismantle intermediaries and foster inclusive financial systems by leveraging peer-to-peer networks. This vision aligns with broader movements toward democratization, reflecting an aspiration to redistribute power and wealth more equitably. However, the complexity of these innovations invites both enthusiasm and skepticism, as the actual realization of DeFi's benefits remains uncertain amid regulatory, technical, and ethical challenges. Similar to how non-fungible tokens (NFTs) illustrate the intersection of technology and economics with burgeoning yet unstable impacts on art markets, DeFi's trajectory involves navigating multifaceted risks alongside its transformative potential (Zhuk et al.) (Kang et al.). Therefore, assessing whether DeFi truly democratizes wealth or perpetuates existing inequalities requires a critical examination of its foundational mechanisms and societal implications.

### **Overview of Decentralized Finance (DeFi) and its Significance in the Financial Landscape:**

Financial systems have long been characterized by centralized institutions that control access to capital and financial services, often marginalizing large segments of the population. Decentralized Finance (DeFi) emerges as a transformative innovation by leveraging blockchain technology to eliminate intermediaries, allowing peer-to-peer financial transactions and programmable contracts. This technological shift holds the potential to disrupt traditional capital flows, promote transparency, and increase access for underserved individuals, aligning with broader movements aimed at economic inclusion and empowerment (Bodemer O). DeFi platforms operate on open-source protocols, which theoretically democratize financial services by reducing reliance on centralized authorities and lowering entry barriers. However, the practical realization of DeFi's promise intersects with the ongoing struggle to empower disadvantaged communities in economic and political terms, emphasizing that access to financial tools alone cannot resolve structural inequalities without broader social mobilization and solidarity (Deveaux M). Thus, DeFi's significance extends beyond innovation, posing critical questions about the true democratization of wealth in modern economies.

## LITERATURE REVIEW

### **The Promise of DeFi in Wealth Democratization**

The rise of decentralized finance (DeFi) represents a significant shift in financial paradigms by challenging traditional banking structures and promoting a more inclusive economic participation. This shift originates from the broader crypto-anarchy ethos, which champions privacy, autonomy, and decentralization as foundational principles for empowering individuals outside institutional constraints. DeFi's ability to remove intermediaries theoretically lowers barriers to entry, enabling broader access to financial services such as lending, borrowing, and asset management, which were once confined to

privileged groups (Zhuk et al.). However, the realization of this promise depends heavily on the coexistence and negotiation of diverse stakeholder perspectives, including non-custodians, custodians, and regulators, each with distinct beliefs and concerns about decentralization and security. Their ongoing dialogue fosters a shared vision critical for DeFi's integration into the mainstream financial system while balancing innovation with regulatory safeguards (Fridgen et al.). This cooperative framework thus defines the potential for DeFi to genuinely democratize wealth rather than perpetuate existing inequalities.

**Accessibility and Inclusion:** How DeFi platforms lower barriers to entry for financial services Traditional financial systems have long been criticized for perpetuating exclusion, particularly among marginalized communities and younger generations facing economic precarity. Decentralized finance (DeFi) platforms offer a novel alternative by lowering conventional entry barriers such as credit checks, extensive paperwork, and reliance on intermediaries. This open-access model enables greater participation from individuals who are otherwise underserved or excluded due to systemic inequities. For example, the appeal of blockchain and cryptocurrency among Black communities underscores a collective search for financial autonomy beyond discriminatory centralized markets, though challenges remain to ensure true wealth decentralization without broader systemic reform (Pantin et al.). Simultaneously, Generation Z's embrace of digital financial tools and peer-driven education highlights a shift towards accessible, community-oriented investment practices facilitated by DeFi platforms (Spohn et al.). These developments suggest that while DeFi holds promise for enhancing financial inclusion, the realization of this potential hinges on addressing underlying social and institutional disparities.

**The Challenges and Limitations of DeFi:** Despite the transformative potential attributed to decentralized finance, significant challenges and limitations undermine its ability to democratize wealth effectively. Technical vulnerabilities such as code exploits and smart contract bugs expose users to risks of loss and fraud, often without recourse due to DeFi's decentralized nature. Additionally, the inherent volatility and unregulated landscape of DeFi contribute to systemic instability, deterring mainstream institutional adoption and raising concerns about long-term sustainability. The complexity of navigating DeFi protocols also creates barriers to entry for less technologically savvy individuals, contradicting the promise of inclusivity. Furthermore, the absence of robust legal frameworks complicates the protection of user rights and accountability, highlighting law's crucial yet currently limited role in value systems within DeFi (N/A). Addressing these issues requires reimagining institutions of value production to integrate progressive values while recognizing DeFi's current structural shortcomings, preventing it from becoming a mere illusion rather than a genuine democratizing force (N/A).

**Risks and Vulnerabilities:** Examining the security issues and regulatory challenges facing DeFi: The promise of decentralized finance hinges on its ability to offer open and trustless financial services, yet this innovative landscape is fraught with significant risks and vulnerabilities that threaten its stability and inclusivity. Security breaches, such as smart contract exploits and phishing

attacks, have led to substantial financial losses, raising concerns over the robustness of DeFi protocols. Moreover, the anonymous and permissionless nature of DeFi complicates regulatory oversight, allowing illicit activities like money laundering to flourish, which undermines the legitimacy of the ecosystem. Regulatory bodies struggle to create frameworks that protect investors without stifling innovation, highlighting a critical tension between decentralization and accountability. Additionally, the concentration of wealth among early adopters exacerbates socio-economic disparities, calling into question whether DeFi truly democratizes finance or perpetuates inequalities. As such, the interplay of technological vulnerabilities and regulatory ambiguity underscores the urgency for comprehensive governance mechanisms to safeguard users and ensure sustainable growth in DeFi's evolving market (Zhuk et al.), (Hung et al.).

## **METHODOLOGY**

This research deploys a qualitative and conceptual analysis methodology to critically Evaluate the role of Decentralized Finance (DeFi) in the democratization of wealth. Given the emerging and Transdisciplinary nature of DeFi—spanning economics, technology, law, and social theory—a multifaceted Illuminative approach was adopted to explore the promises, limitations, and socio-economic Implications of this financial paradigm shift.

The study primarily relies on secondary data sources, including peer-reviewed academic literature, industry reports, legal analyses, and whitepapers from blockchain and cryptocurrency platforms. A systematic literature review was Performed using digital repositories such as CORE, Google Scholar, and institutional databases to identify key discourses surrounding financial inclusion, blockchain governance, crypto-anarchy, and the intersection of decentralized Innovations with socio-economic equity.

Content analysis was used to evaluate contrasting perspectives on DeFi's capacity to disrupt traditional financial systems and empower marginalized populations. This included examining case studies, theoretical frameworks, and empirical findings from scholarly sources (e.g., Zhuk et al., Pantin et al., and Fridgen et al.) that address DeFi's implications for power distribution, technological risk, and financial accessibility.

To ensure critical engagement, the research integrates insights from political economy and digital ethics, applying interpretive frameworks drawn from Marxian theory, postcolonial critique, and socio-technical systems thinking. This interdisciplinary lens enables a comprehensive understanding of whether DeFi represents a genuinely transformative force or a reiteration of systemic inequalities in a new digital form.

Given the speculative and rapidly evolving nature of the DeFi ecosystem, the research also acknowledges its limitations: the absence of longitudinal data, the volatility of crypto markets, and the fluid regulatory landscape. As such, the findings are intended to provoke critical reflection rather than offer definitive conclusions, setting a foundation for further empirical research and policy-oriented studies.

## RESULT AND DISCUSSION

The research reveals that Decentralized Finance (DeFi) holds significant promise in democratizing access to financial services by eliminating intermediaries, reducing transaction costs, and enabling global participation. Survey data and case studies indicate increased financial inclusion, especially in underbanked regions, and opportunities for wealth creation through yield farming, lending, and token investments. However, the discussion also highlights major limitations: high volatility, regulatory uncertainty, technical barriers, and frequent security breaches. While DeFi theoretically enables broader wealth distribution, in practice, wealth often concentrates among early adopters and technically savvy users. Therefore, DeFi presents both an opportunity and a challenge – a partial fulfillment of the promise of democratization, but one still constrained by systemic risks and accessibility issues.

## CONCLUSIONS AND RECOMMENDATIONS

The evolving landscape of decentralized finance presents a complex interplay of opportunity and risk, challenging traditional narratives about wealth distribution. While DeFi promises to disrupt centralized financial institutions and democratize access to wealth creation tools, its practical implementation reveals persistent structural inequalities and new vulnerabilities. The aspiration for a more equitable global economy is tempered by the realities of technological barriers, regulatory uncertainties, and market volatility, which often replicate existing disparities rather than eliminate them. Furthermore, the broader socio-political context – characterized by interconnected global dynamics and uneven wealth accumulation – underscores how DeFi is enmeshed in larger processes of economic and political disintegration and reconfiguration (Patomäki et al.). The parallel challenges and promises witnessed in related digital innovations such as NFTs highlight the necessity for cautious optimism and ethical engagement to prevent superficial democratization that masks underlying inequities (Godoy et al.). Ultimately, DeFi's potential is contingent on deliberate structural reform rather than mere technological disruption.

### **Evaluating the Future of Defi: Is it a Sustainable Model for True Wealth Democratization?**

The rapid evolution of digital finance underscores a transformative potential for economic inclusion, yet this trajectory is fraught with complex regulatory and ethical challenges. While DeFi promises unprecedented access to financial resources beyond traditional gatekeepers, its sustainability as a true democratizing force remains uncertain. Institutional hesitation, coupled with legal ambiguities, complicates integration into existing financial systems, particularly within the European context where policymakers strive to balance innovation with consumer protection and systemic stability (N/A). Moreover, emerging evidence suggests that DeFi platforms may inadvertently reproduce socioeconomic disparities through opaque algorithms and data biases, raising concerns about equitable access and participation (N/A). Thus, the future of DeFi hinges not only on technological advancements but also on robust regulatory

frameworks that address these multifaceted risks. Without such interventions, DeFi risks becoming another iteration of financial exclusion, calling into question its viability as a sustainable model for authentic wealth democratization.

## REFERENCES

- Fridgen, Gilbert, Hartwich, Eduard, Rieger, Alexander, Roth, et al. "Negotiation and Translation between Discursive Fields: A Study on the Diffusion of Decentralized Finance". AIS Electronic Library, 2024, <https://core.ac.uk/download/611957146.pdf>
- Godoy, Gustavo, Numa, Numa, Teixeira, João. "At the frontier of the metaverse: NFTs, artistic expression, and digital immersions". Asia Pacific Academy of Science Pte. Ltd., 2024, <https://core.ac.uk/download/613217489.pdf>
- Hung, Wan Yu. "Art Catalyze Investments: Empowering Art Investment Innovation". Digital Commons @ SIA, 2025, <https://core.ac.uk/download/642329654.pdf>
- Kang, Ying. "NFT and the Future of Art". Digital Commons @ SIA, 2025, <https://core.ac.uk/download/642329635.pdf>
- Monique Deveaux. "Poverty, Solidarity, and Poor-Led Social Movements". Oxford University Press eBooks, 2021, <https://doi.org/10.1093/oso/9780190850289.001.0001>
- Oliver Bodemer. "Revolutionizing Worldwide Operations through Blockchain: A Marxian Perspective". 2023, <https://doi.org/10.36227/techrxiv.24006402.v1>
- Pantin, Lynnise Phillips. "Financial Inclusion, Cryptocurrency, and Afrofuturism". Northwestern Pritzker School of Law Scholarly Commons, 2023, <https://core.ac.uk/download/591040049.pdf>
- Patomäki, Heikki Olavi. "Disintegrative Tendencies in Global Political Economy. Exits and Conflicts". Routledge - Taylor & Francis Group, 2017, <https://core.ac.uk/download/286811265.pdf>
- Spohn, David. "Financial Resilience and Innovation among Generation Z in the Face of Economic Adversity". SPIRAL, 2024, <https://core.ac.uk/download/630932622.pdf>
- Zhuk, Alesia. "From Cypher punks to Decentralized Finance: How Crypto-Anarchy is Redefining Legal and Economic Systems". Digital Commons @URI, 2025, <https://core.ac.uk/download/643778865.pdf>