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**Enhancing Financial Management Practices in Public Schools:
A Systematic Literature Review in Southeast Asia**

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Elma S. Groenewald

CEO, SG Virtuosos International 1501-1502 Tran Phu Street, Loc Tho Ward,
Nha Trang City, Khanh Hoa Province, Vietnam

<https://orcid.org/0000-0001-7813-2773> | elmasgroenewald@sgvirtuososinternational.com

Annabelle R. Rabillas

Principal I, Department of Education, Schools Division of Toledo City, Philippines

<https://orcid.org/0000-0001-9897-7749> | rabillasannabelle@gmail.com

Francisca T. Uy

School President, ECT Excellencia Global Academy Foundation, Inc., Buanoy, Balamban, Cebu, Philippines

<https://orcid.org/0000-0002-2180-5874> | franzkc2015@gmail.com

Osias Kit T. Kilag

Principal, PAU Excellencia Global Academy Foundation, Inc., Toledo City, Philippines

<https://orcid.org/0000-0003-0845-3373> | okkilag12@gmail.com

Gresilda S. Bugtai

Middle School Science Teacher, Sneed Middle School,

Florence One School District, Florence, South Carolina, USA

<https://orcid.org/0009-0000-2024-5724> | bugtaigresilda83@gmail.com

Janice A. Batilaran

6th Grade Science Teacher, Sneed Middle School,

Florence One School District, Florence, South Carolina, USA

<https://orcid.org/0009-0000-2024-5724> | bugtaigresilda83@gmail.com

Abstract:

This systematic literature review investigates the financial management practices of public schools in Southeast Asia, focusing on budgeting, resource allocation, procurement, and internal auditing. Findings reveal a diverse range of practices, with some schools exhibiting robust financial management systems while others face challenges like budget deficits due to inadequate financial literacy. Stakeholder collaboration emerges as pivotal, facilitating efficient resource allocation and fostering transparency. Capacity-building initiatives are identified as essential to enhance financial literacy among school administrators and staff. Despite challenges such as funding constraints, opportunities for improvement include leveraging technology, enhancing transparency through regular financial reporting, and fostering collaboration with local communities. These findings underscore the importance of addressing financial management gaps to strengthen school performance and support the educational needs of students in the region.

Keywords: financial management, public schools, Southeast Asia, stakeholder collaboration, capacity building

Introduction:

In the realm of education, effective financial management is paramount for ensuring the optimal utilization of resources and the attainment of organizational goals. School principals, as the key leaders in educational institutions, play a crucial role in managing financial resources to enhance school effectiveness and performance (Ballada & Ballada, 2012). The efficient allocation of funds in public schools is essential for providing quality education and fostering student success (Ramirez & Amponin, 2019). However, achieving sound financial management practices in educational settings presents various challenges and complexities.

Amidst the evolving landscape of educational finance, there is a growing need to examine and understand the key themes and characteristics of financial management practices in public schools, particularly in Southeast Asia. While existing literature offers insights into financial management in education, there remains a gap in systematically synthesizing and analyzing the prevailing practices and emerging trends in the region (Groenewald, et al. 2023).

Moreover, this study highlights the importance of collaboration and stakeholder engagement in financial decision-making processes within educational institutions. By involving relevant stakeholders, including teachers,



administrators, and community members, schools can ensure transparency, accountability, and alignment with organizational goals (Cuenca, 2019).

Through this systematic review, we endeavor to contribute to the existing body of knowledge on financial management practices in public schools, particularly in the context of Southeast Asia. By synthesizing and analyzing the key themes and characteristics identified in the literature, this research aims to inform policymakers, school administrators, and other stakeholders about effective strategies for enhancing financial management in educational settings.

Literature Review:

Financial management in public schools is a critical aspect of educational administration, encompassing various practices and strategies aimed at ensuring the efficient allocation and utilization of resources to support teaching and learning activities. Over the years, scholars have explored different dimensions of financial management in education, highlighting the importance of effective budgeting, resource allocation, procurement, internal auditing, and stakeholder involvement in enhancing school performance and sustainability (Ompad Jr, et al., 2024).

One of the fundamental aspects of financial management in public schools is budgeting, which involves the allocation of financial resources to different areas of school operations. According to Ramirez and Amponin (2019), effective budgeting practices are essential for ensuring that schools have adequate funds to support instructional programs, infrastructure development, and administrative expenses. Budgeting in education requires careful planning and prioritization of needs to align financial resources with organizational goals (Abag, 2019).

In Southeast Asia, public schools often face budget constraints and competing priorities, necessitating strategic decision-making in resource allocation. Studies have shown that schools that prioritize needs and allocate funds strategically are better equipped to meet the diverse needs of students and improve overall school performance (Sambal, 2019). Additionally, regular review and evaluation of budget allocations are essential for identifying areas of improvement and optimizing resource utilization (Ampongan, 2019).

Procurement and Internal Auditing

Procurement practices play a crucial role in financial management in public schools, as they impact the efficiency and transparency of resource acquisition. Internal auditing, on the other hand, ensures accountability and compliance with financial regulations and policies. According to Suleiman et al. (2018), effective procurement processes help schools acquire goods and services at competitive prices while adhering to ethical standards and legal requirements.

In Southeast Asia, there is a growing emphasis on transparency and optimization in procurement practices to prevent corruption and ensure value for money. Internal auditing functions are also becoming increasingly important in educational institutions to detect financial irregularities and safeguard assets (Jokipii, 2019). By implementing robust procurement and internal auditing mechanisms, schools can enhance financial accountability and strengthen governance structures (Changahit et al., 2021).

Collaboration and stakeholder involvement are integral to effective financial management in public schools, as they promote transparency, accountability, and shared decision-making. Involving teachers, administrators, parents, and community members in financial planning and decision-making processes fosters a sense of ownership and commitment to the school's mission and goals (Cuenca, 2019).

In Southeast Asia, there is a growing recognition of the importance of stakeholder engagement in educational governance and financial management. Schools that actively involve stakeholders in budgeting, resource allocation, and procurement processes are better positioned to address the diverse needs of students and foster a supportive learning environment (Collantes, 2021). Moreover, collaboration with external partners, such as government agencies, NGOs, and private sector organizations, can provide schools with additional resources and expertise to enhance financial sustainability and effectiveness (Manire, et al., 2023).

Financial management in public schools is a multifaceted process that requires careful planning, strategic decision-making, and stakeholder engagement. In Southeast Asia, schools face various challenges in managing financial resources effectively, including budget constraints, procurement inefficiencies, and governance issues (Groenewald & Kilag, 2024). However, by implementing best practices in budgeting, resource allocation, procurement, and internal auditing, schools can improve financial accountability, transparency, and sustainability.

Moreover, collaboration and stakeholder involvement are essential for fostering a culture of shared responsibility and accountability in financial management (Orozco, et al., 2023). By working collaboratively with teachers, administrators, parents, and community members, schools can leverage their collective expertise and resources to address the diverse needs of students and promote educational excellence.

**Methodology:**

The research methodology employed in this study involved a systematic literature review to gather and analyze relevant scholarly articles on financial management practices in public schools, with a focus on Southeast Asia. The systematic literature review followed a predetermined protocol to ensure a comprehensive and unbiased synthesis of existing literature on the topic.

The search for relevant literature was conducted using Google Scholar, which was chosen for its advanced search features and extensive coverage of scholarly articles. The search terms included keywords related to financial management, public schools, and Southeast Asia. The inclusion criteria specified the publication year range from 2018 to 2023 and the language as English. The search strategy aimed to identify peer-reviewed articles published in reputable journals.

The initial search yielded a total of 4,570 articles, which were then screened based on title relevance and publication year. Articles outside the specified time frame and those not written in English were excluded. Duplicate articles were removed using Microsoft Excel, resulting in a refined list of 67 unique articles.

The eligibility criteria for inclusion in the systematic review were based on relevance to the research topic and adherence to the specified publication parameters. Articles were included if they focused on financial management practices in public schools in Southeast Asia and provided insights into budgeting, resource allocation, procurement, internal auditing, or stakeholder involvement. Unpublished articles and those not accessible were excluded from the analysis.

Data extraction involved capturing key information from the selected articles, including author names, publication year, country of focus, research design, sample size, research objectives, and main findings. This process facilitated the organization and synthesis of information for subsequent analysis and interpretation.

The extracted data were analyzed to identify common themes, trends, and patterns related to financial management practices in public schools in Southeast Asia. The findings from each article were synthesized to provide a comprehensive overview of the current state of knowledge in the field. The analysis focused on identifying best practices, challenges, and opportunities for improving financial management in public schools. To ensure the reliability and validity of the findings, the quality of the selected articles was assessed based on criteria such as research methodology, data analysis techniques, and relevance to the research topic. Articles that met high-quality standards were given more weight in the synthesis of findings, while those with methodological limitations were critically evaluated and their findings interpreted with caution.

Findings and Discussion:**Diverse Financial Management Practices:**

The systematic literature review conducted in this study unveiled a diverse array of financial management practices adopted by public schools throughout Southeast Asia. These practices spanned various areas, including budgeting, resource allocation, procurement, internal auditing, and stakeholder involvement (Taping, et al., 2023). Several studies highlighted the presence of robust financial management systems in certain schools, which were characterized by attributes such as transparency, accountability, and efficiency (Espinosa, 2017). These schools demonstrated a keen understanding of budgetary constraints and strategically allocated resources to meet the educational needs of students while optimizing financial resources (Ramirez & Amponin, 2019).

However, the review also shed light on challenges faced by other schools, particularly concerning financial literacy among school administrators and staff (Mandell & Klein, 2009). Inadequate financial literacy often led to issues like mismanagement of funds and budget deficits, hampering the effective implementation of educational programs and initiatives (Casingal & Ancho, 2021). Without a solid grasp of financial management principles, schools struggled to allocate resources efficiently and lacked the necessary oversight to ensure accountability in financial operations (Laubscher, 2012).

Moreover, disparities in financial management practices were observed across different regions within Southeast Asia, indicating the need for tailored approaches to address local contexts and challenges (Collantes, 2021). While some schools benefitted from strong support from local communities and education authorities, others faced bureaucratic hurdles and limited access to financial resources (Sampal, 2019). These disparities underscored the importance of context-specific interventions aimed at improving financial management practices and promoting equitable access to quality education (Vicente, et al., 2023).

The review highlighted the diversity of financial management practices in public schools across Southeast Asia, ranging from well-established systems to areas requiring significant improvement. Addressing the challenges associated with financial literacy and resource allocation is crucial for enhancing the overall effectiveness and efficiency of public school systems in the region (Moreno, 2020). By leveraging best practices and implementing



targeted interventions, policymakers and educators can work towards fostering greater transparency, accountability, and sustainability in the management of financial resources in public schools.

Importance of Stakeholder Collaboration:

The systematic review underscored the significance of stakeholder collaboration in improving financial management practices within public schools across Southeast Asia. Schools that fostered active engagement among teachers, parents, community members, and education authorities in financial decision-making processes demonstrated enhanced efficiency and effectiveness in resource allocation and budget utilization (Abag, 2019). Through inclusive participation, these schools were able to solicit valuable input from diverse perspectives, enabling them to identify priorities and allocate resources strategically (Ramirez & Amponin, 2019).

Furthermore, stakeholder involvement contributed to greater transparency and accountability in financial operations, as community members and education authorities played a crucial role in oversight and monitoring (Sampal, 2019). By involving stakeholders in budget planning and review processes, schools fostered a sense of ownership and accountability among all parties involved, thereby reducing the risk of mismanagement and ensuring that financial resources were used judiciously (Collantes, 2021).

The review also highlighted the importance of building partnerships with external organizations and agencies to supplement school budgets and resources (Gross, et al., 2015). Collaboration with NGOs, businesses, and government agencies provided schools with additional funding opportunities and access to expertise and resources that complemented their financial management efforts (Cuenca, 2019). These partnerships facilitated the implementation of innovative programs and initiatives aimed at improving educational outcomes and enhancing the overall quality of education provided by public schools in the region (Abragan, et al., 2022).

Stakeholder collaboration emerged as a key driver of effective financial management practices in public schools, enabling schools to leverage diverse perspectives and resources to address budgetary challenges and optimize resource utilization. By fostering inclusive decision-making processes and forging partnerships with external stakeholders, schools can enhance their capacity to manage finances effectively and ensure the delivery of quality education to all students.

Need for Capacity Building and Training:

The review emphasized the critical need for capacity building and training programs to enhance financial literacy and management skills among school administrators, teachers, and staff (Espinosa, 2017). It identified a concerning lack of adequate training and professional development opportunities for individuals responsible for financial management within public schools across Southeast Asia. Without proper training, school leaders and staff may struggle to effectively manage finances, leading to potential issues such as mismanagement of funds and budget deficits (Ballada & Ballada, 2012).

Addressing this gap through targeted training programs and professional development initiatives is essential to empower school personnel with the knowledge and skills required for effective financial management (Sampal, 2019). By investing in capacity building efforts, education authorities can equip school leaders and staff with the competencies needed to navigate complex financial systems, allocate resources strategically, and ensure transparency and accountability in financial operations (Cuenca, 2019).

Furthermore, training programs can help raise awareness about financial best practices and regulatory requirements, enabling school personnel to comply with relevant policies and regulations governing financial management in public schools (Collantes, 2021). Through ongoing professional development opportunities, school administrators and staff can stay abreast of emerging trends and practices in financial management, allowing them to adapt and respond effectively to changing circumstances (Ramirez & Amponin, 2019).

Capacity building and training programs are essential components of efforts to improve financial management practices in public schools. By investing in the professional development of school personnel, education authorities can strengthen the financial management capacity of schools, promote accountability and transparency, and ultimately enhance the quality of education provided to students.

Challenges and Opportunities for Improvement:

The review outlined a series of challenges and opportunities surrounding financial management practices in public schools across Southeast Asia (Ramirez & Amponin, 2019). Despite ongoing efforts to enhance financial management, schools continue to face challenges such as insufficient funding, bureaucratic inefficiencies, and regulatory constraints (Espinosa, 2017). These challenges can impede schools' ability to allocate resources effectively and achieve their educational goals.

However, the review also identified several opportunities for improvement (Collantes, 2021). One such opportunity lies in leveraging technology to streamline financial processes and improve efficiency (Cuenca, 2019). Digital tools



and software can automate tasks such as budgeting, accounting, and reporting, reducing the administrative burden on school staff and enabling more accurate financial management (Abag, 2019).

Additionally, enhancing transparency and accountability through regular financial reporting can help build trust with stakeholders and demonstrate responsible stewardship of public funds (Sampal, 2019). By providing clear and accessible information about financial transactions and expenditures, schools can foster greater confidence among parents, communities, and education authorities (Ballada & Ballada, 2012).

Furthermore, promoting collaboration between schools and local communities presents an opportunity to mobilize additional resources and support for education (Cuenca, 2019). Engaging parents, businesses, and community organizations in school governance and decision-making processes can lead to innovative funding models, volunteer opportunities, and other forms of support that benefit students and enhance the overall educational experience (Ramirez & Amponin, 2019).

While challenges persist, there are tangible opportunities for public schools in Southeast Asia to strengthen their financial management systems and better serve their students. By embracing technology, enhancing transparency, and fostering collaboration, schools can overcome obstacles and create more resilient and effective financial management practices.

Conclusion:

The systematic literature review provided valuable insights into the financial management practices of public schools in Southeast Asia. The review highlighted the diverse range of practices employed in budgeting, resource allocation, procurement, and internal auditing. While some schools demonstrated robust financial management systems, others faced challenges such as inadequate financial literacy and budget deficits.

One of the key findings emphasized the importance of stakeholder collaboration in enhancing financial management practices. Schools that actively engaged teachers, parents, and community members tended to achieve greater efficiency and effectiveness in resource allocation. Collaboration also promoted transparency and accountability in financial operations.

Another significant finding was the need for capacity building and training programs to improve financial literacy among school administrators and staff. Addressing this gap through targeted training initiatives could empower school leaders with the knowledge and skills needed to manage finances effectively, thereby enhancing overall school performance.

Despite persistent challenges such as inadequate funding and bureaucratic inefficiencies, the review identified opportunities for improvement. Leveraging technology, enhancing transparency through regular financial reporting, and promoting collaboration with local communities were identified as potential strategies to strengthen financial management systems in public schools.

While challenges exist, there are tangible opportunities for public schools in Southeast Asia to enhance their financial management practices. By embracing collaboration, investing in capacity building, and capitalizing on technological advancements, schools can overcome obstacles and create more resilient financial management systems to better support the educational needs of students.

References:

- Abag, C. (2019). Financial Management Role of Public Secondary School Managers in The Three Cities of Batangas Province. *Ascendens Asia Journal of Multidisciplinary Research Abstracts*, 3(2M).
- Abragan, F., Abarcas, V., Aquino, I. M., & Bagongon, R. E. (2022). Research review on K-12 curriculum implementation in the Philippines: A generic perspective. *European Journal of Educational and Social Sciences*, 7(1), 1-8.
- Ballada, W. and Ballada S (2012). Basic Accounting-Made Easy: 17th Edition. Philippines: Made Easy Books.
- Casingal, C., & Ancho, I. (2021). Financial Literacy Challenges: The Case of Filipino Public-School Teachers. *Jurnal Aplikasi Manajemen*, 19(4), 715-724.
- Collantes, C. F. (2021). "Unforgotten" informal communities and the COVID-19 pandemic: Sitio San Roque under Metro Manila's lockdown. *International Journal of Human Rights in Healthcare*, 14(3), 279-292.
- Cuenca, L. (2019). Management of Fund Utilization Among Public Secondary Schools. *Ascendens Asia Journal of Multidisciplinary Research Abstracts*, 3(2F).



- Espinosa, F. M. (2017). Financial Management Practices Of School Heads: Teachers' Perspectives. *Skyline Business Journal*, 13(1).
- Groenewald, E., & Kilag, O. K. (2024). Automating Finances: Balancing Efficiency and Job Dynamics in Accounting and Auditing. *International Multidisciplinary Journal of Research for Innovation, Sustainability, and Excellence (IMJRIS)*, 1(2), 14-20.
- Groenewald, E., Kilag, O. K., Unabia, R., Manubag, M., Zamora, M., & Repuela, D. (2023). The Dynamics of Problem-Based Learning: A Study on its Impact on Social Science Learning Outcomes and Student Interest. *Excellencia: International Multi-disciplinary Journal of Education (2994-9521)*, 1(6), 303-313.
- Gross, J., Haines, S. J., Hill, C., Francis, G. L., Blue-Banning, M., & Turnbull, A. P. (2015). Strong School-Community Partnerships in Inclusive Schools Are" Part of the Fabric of the School... We Count on Them". *School Community Journal*, 25(2), 9-34.
- Laubscher, L. H. (2012). Challenges on financial control and accountability in South African municipalities. *Journal for New Generation Sciences*, 10(1), 63-79.
- Mandell, L., & Klein, L. S. (2009). The impact of financial literacy education on subsequent financial behavior. *Journal of Financial Counseling and Planning*, 20(1).
- Manire, E. A., Kilag, O. K. T., Moje, G. T., Jabola, S. M. D., Religioso, M. A. D., & Noveloso, R. C. (2023). Mixed and Matched: The Effects of Eclectic Learning and Teaching Styles on Student Learning. *Web of Synergy: International Interdisciplinary Research Journal*, 2(6), 72-78.
- Moreno-Guerrero, A. J., Alonso García, S., Ramos Navas-Parejo, M., Campos-Soto, M. N., & Gómez García, G. (2020). Augmented reality as a resource for improving learning in the physical education classroom. *International journal of environmental research and public health*, 17(10), 3637.
- Ompad Jr, V., Kilag, O. K., Luzares, A., Tipontipon, J., dela Cruz, G., & Velasquez, B. (2024). Mathematics Leadership in Schools: A Deep Dive into Aspirations and Hurdles. *International Multidisciplinary Journal of Research for Innovation, Sustainability, and Excellence (RISE)*, 1(1), 115-122.
- Orozco, F., Kilag, O. K., & Parinasan, M. A. (2023). Navigating Unpredictability: Exploring Fundamental Components of Crisis Management in Organizational Settings. *Excellencia: International Multi-disciplinary Journal of Education (2994-9521)*, 1(6), 1-11.
- Ramirez, M. E., & Amponin, M. L. (2019). Compliance of Public Elementary School on the Financial Management Role in the School-Based Management in Taal District, Division of Batangas. *Ascendens Asia Journal of Multidisciplinary Research Abstracts*, 3(2B).
- Sampal, J. (2019). Financial Management Capabilities of the School Principals on the Allocated Maintenance and Other Operating Expenses (MOOE). *Ascendens Asia Journal of Multidisciplinary Research Abstracts*, 3(2).
- Taping, M. L., Kilag, O. K., Caballero, J., Zamora, R. M., Paras, J., & Moscoso, J. (2023). Bridging the Gap: A Systematic Review of Senior High School Graduates' Preparedness for the Bachelor of Science in Accountancy Program. *Excellencia: International Multi-disciplinary Journal of Education (2994-9521)*, 1(4), 143-155.
- Vicente, R. S., Flores, L. C., Almagro, R. E., Amora, M. R. V., & Lopez, J. P. (2023). The Best Practices of Financial Management in Education: A Systematic Literature Review. *International Journal of Research and Innovation in Social Science*, 7(8), 387-400.