The copyright © of this thesis belongs to its rightful author and/or other copyright owner. Copies can be accessed and downloaded for non-commercial or learning purposes without any charge and permission. The thesis cannot be reproduced or quoted as a whole without the permission from its rightful owner. No alteration or changes in format is allowed without permission from its rightful owner.



EARNINGS MANAGEMENT, CORPORATE GOVERNANCE AND GOODWILL IMPAIRMENT AMONG MALAYSIAN LISTED COMPANIES

By

SITI ATIQAH BINTI ABD WAHAB



Thesis Submitted to
Othman Yeop Abdullah Graduate School of Business
Universiti Utara Malaysia
In Partial Fulfillment of the Requirement for the Master of Sciences
(International Accounting)

PERMISSION TO USE

In presenting this dissertation/project paper in partial fulfillment of the requirements for a Post Graduate degree from the Universiti Utara Malaysia (UUM), I agree that the Library of this university may make it freely available for inspection. I further agree that permission for copying this dissertation/project paper in any manner, in whole or in part, for scholarly purposes may be granted by my supervisor or in their absence, by the Dean of Othman Yeop Abdullah Graduate School of Business where I did my dissertation. It is understood that any copying or publication or use of this dissertation parts of it for financial gain shall not be allowed without my written permission. It is also understood that due recognition shall be given to me and to the UUM in any scholarly use which may be made of any material in my dissertation/project paper.

Request for permission to copy or to make other use of materials in this dissertation/project paper in whole or in part should be addressed to:

Dean of Othman Yeop Abdullah Graduate School of Business
Universiti Utara Malaysia
06010 UUM Sintok

Kedah Darul Aman

ABSTRACT

The study examines the impact of corporate governance and company characteristics on earnings management practices among Malaysian public listed companies. In particular, the board meetings, board size, chief executive officer (CEO) duality and independent board of directors represent corporate governance mechanism; while the size of the company, return on assets (ROA), market to book value, total current accruals, and operating cash flow represent company's characteristics. Data are obtained from Datastream and annual report of 126 companies for the financial year ended 2013. The findings indicate a low level of earnings management occurred among Malaysian listed companies. This study provides evidence that boards meetings are significantly and negatively related to discretionary current accruals. Therefore, this study recommends that public listed companies in Malaysia to have a minimum number of six times of board meetings in a year.



ABSTRAK

Kajian ini menyelidik tentang kesan tadbir urus korporat dan ciri-ciri syarikat terhadap amalan pengurusan perolehan dalam kalangan syarikat-syarikat awam yang tersenarai di Malaysia. Secara khususnya, mesyuarat lembaga pengarah, saiz lembaga pengarah, ketua pegawai eksekutif berdwi-peranan dan lembaga pengarah bebas adalah mewakili mekanisma tadbir urus korporat; manakala saiz syarikat, pulangan atas aset, pasaran kepada nilai buku, jumlah akruan semasa dan aliran tunai operasi adalah mewakili ciri-ciri syarikat. Data kajian diperoleh dari *Datastream* dan laporan kewangan tahunan bagi 126 buah syarikat untuk tahun kewangan berakhir pada 2013. Hasil kajian menunjukkan pengurusan perolehan dalam kalangan syarikat-syarikat yang tersenarai di Malaysia adalah pada tahap yang rendah. Kajian ini menunjukkan bukti bahawa mesyuarat lembaga pengarah mempunyai hubungan negatif dan signifikan terhadap akruan semasa berpilihan. Oleh itu, kajian ini mencadangkan syarikat-syarikat awam yang tersenarai di Malaysia untuk melaksanakan mesyuarat lembaga pengarah minimum sebanyak enam kali dalam setahun.



ACKNOWLEDGEMENT

Thanks and praise is given to Allah, the most gracious and the most merciful for given the strength, patience and ability to complete this study.

My excessive gratefulness to my supportive and helpful supervisor, Dr. Jamaliah binti Abdul Majid for her thoughtful guidance, sagacious advice, valuable suggestion and precious comment during construction my dissertation. This dissertation would never have been completed without her guidance and constant supervision.

My gratitude and appreciation are given to my helpful and caring lecturer, Dr. Nor Asma binti Lode for her insightful guidance, suggestions, and comments in building the hectic work. Besides, I would like to thank her for spending valuable time to review my works. I am highly indebted to her.

A great deal of gratitude and appreciation should be given to my parents, brothers and sisters for their support, love and prayers throughout my endeavours. My appreciations also go to all my friends who had assisted and guided me in finishing this dissertation. Last but not least, I am thankful to those who had helped me.

TABLE OF CONTENT

PERMISSION TO USE	ii
ABSTRACT	iii
ABSTRAK	iv
ACKNOWLEDGEMENT	v
TABLE OF CONTENT	vi
LIST OF TABLES	ix
LIST OF FIGURES	x
CHAPTER 1	1
INTRODUCTION	1
1.1 Background of Study	1
1.2 Statement of Problem	3
1.3 Research Objectives	
1.4 Research Questions	5
1.5 Scope of Study	5
1.6 Significance of the Study	6
1.7 Organization of the Study	7
CHAPTER 2	9
LITERATURE REVIEW	9
2.1 Introduction	9
2.2. Agency Theory	9

2.3 Earnings Management	12
2.4 Corporate Governance	15
2.5 Company Characteristics	21
2.6 Earnings Management and Corporate Governance	22
2.7 Earnings Management and Company Characteristics	24
2.8 Hypotheses Development	25
2.9 Conclusion	34
CHAPTER 3	35
METHODOLOGY	35
3.1 Introduction	35
3.2 Research Design	35
3.3 Regression Models	37
3.4 Research Framework	39
3.5 Data Analysis Techniques	40
3.6 Conclusion	41
CHAPTER 4	42
RESULTS AND DISCUSSION	42
4.1 Introduction	42
4.2 Descriptive Analysis	42
4.3 Correlation Analysis	45
4.4 Normality Test	47

4.5 Collinearity Statistics	47
4.6 Regression Analysis	48
4.7 Conclusion	52
CHAPTER 5	53
CONCLUSION AND RECOMMENDATION	53
5.1 Introduction	53
5.2 Overview of the Study	53
5.3 Summary of Findings	54
5.4 Implication on Theory, Practice and Policy	55
5.5 Limitation and Suggestion for Future Research	56
5.6 Conclusion	57
REFERENCES	58
Universiti Utara Malaysia	

LIST OF TABLES

Table 4.1	
Table 4.2	
Table 4.4	48
Table 4.5	51



LIST OF FIGURES

Figure 3.1	39
------------	----



CHAPTER 1

INTRODUCTION

1.1 Background of Study

In the period between 1997 - 1998, the financial crisis has occurred, and it gives bad impact to the Asian countries. This crisis is due to weak and poor governance standards which cause confidence of foreign investors is reduce in the Asian nation including Malaysia (Leng, 2004; Rahman & Haniffa, 2005). After the crisis, the effectiveness of corporate governance mechanism within a corporation has been questioned in the business community. The crisis is followed by two international famous cases which are Enron in 2001 and WorldCom in 2002; this makes many types of researchers believes earnings management practices is difficult to root out by existing corporate governance mechanisms. In order to enhance the monitoring function of corporate governance mechanism in Malaysia, the code of corporate governance has been introducing by Ministry of Finance in the year 2000. The Code has outlined some necessary conditions for the structure and functioning process of the board of directors, audit committee, and external auditors to take care of the interest of shareholders.

Companies around the world are mandated to prepare a financial statement in the form of annual reports at the end of company's financial year. Financial statement user will refer to this statement in order to know company's outcome and activities while management often uses the financial statement in order to plan and control. Companies have to abide various statutory requirement and regulatory rules such as accounting standard, company law, and taxation law while preparing the financial

The contents of the thesis is for internal user only

REFERENCES

- Abed, S., Al-Attar, A., & Suwaidan, M. (2012). Corporate governance and earnings management: Jordanian evidence. *International Business Research*, 5(1), 216-225.
- Abdullah, S. N. (2004). Board composition, CEO duality and performance among Malaysian listed companies. *Corporate Governance: The International Journal of Business in Society*, 4(4), 47–61. doi:10.1108/14720700410558871
- Adibah, J., Nor, A. M., & Asyaari, E. A. (2009). Corporate governancerReform and the value relevance of equity book value and earnings in Malaysia. *Journal of Financial Reporting* & *Accounting*, 7(2), 41–59. doi:http://dx.doi.org/10.1108/19852510980000003
- Alves, S. M. G. (2011). The effect of the board structure on earnings management: evidence from Portugal. *Journal of Financial Reporting and Accounting*, 9(2), 141-160
- Agrawal, A. & Chadha, S. (2005). Corporate governance and accounting scandals. *Journal of Law and Economics*, 48(2), 371-406.
- Arya, A., Glover, J., & Sunder, S. (2003). Are unmanaged earnings always better for shareholders? *Accounting Horizons*, 17(1), 111–116
- Banderlipe, M. R. S. (2009). The impact of selected corporate governance variables in mitigating earnings management in the Philippines. *DLSU Business & Economics Review*, 19(1), 17-27.
- Bar-Yosef, S., & Prencipe, a. (2013). The Impact of Corporate Governance and Earnings Management on Stock Market Liquidity in a Highly Concentrated Ownership Capital Market. *Journal of Accounting, Auditing & Finance*, 28(3), 292–316. doi:10.1177/0148558X13492591
- Becker, C., DeFond, M., Jiambalvo, J. & Subramanyam, K. R. (1998). The effect of audit quality on earnings management. *Contemporary Accounting Research*, 15(1), 1-24.
- Beneish, M. D. (2001). Earnings management: a perspective. *Managerial Finance*, 27(12), 3–17. doi:http://dx.doi.org/10.1108/03074350110767411 Downloaded
- Bhimani, A. (2008). Making corporate governance count: The fusion of ethics and economic rationality. *Journal of Management and Governance*, 12(2), 135-147.
- Bliss, M. A., Muniandy, B., & Majid, A. (2007). CEO duality, audit committee effectiveness and audit risks:a study of the Malaysian market. *Managerial Auditing Journal*, 22(7), 716–728. doi:10.1108/02686900710772609
- Brown, P., Beekes, W., & Verhoeven, P. (2011). Corporate governance, accounting and finance: A review. *Accounting & Finance*, 51(1), 96-172.

- Cabalu, H. (2005). Reforms in corporate governance in Asia after the financial crisis. *Advances in Financial Economics*, 11, 51-73.
- Cadbury, A. (1992). Report on the committee on the financial aspects of corporate governance. Gee: London.
- Chen, M. C., & Tsai, Y. C. (2010). Earnings management types and motivation: A study in Taiwan. *Social Behavior and Personality: An International Journal*, 38(7), 955-962.
- Claessens, S., & Fan, J. P. H. (2002). Corporate governance in Asia: A survey. *International Review of Finance*, 3(2), 71-103.
- Claessens, S., & Yurtoglu, B. (2012). Corporate governance and development—An Update. Retrieved from www-wds.worldbank.org.
- Cohen, D. A., Dey, A., Lys, T. Z. (2008). Real and accrual-based earnings management in the pre- and post-Sarbanes Oxley periods. *The Accounting Review*, 83: 757-787.
- Cohen, D. A., Zarowin, P. (2010). Accrual-based and real earnings management activities around seasonal equity offerings. *Journal of Accounting and Economics*, 50: 2-19.
- Coles, J. W., McWilliams, V. B., & Sen, N. (2001). An examination of the relationship of governance machanisms to performance. *Journal of Management*, 27(1), 23–50. doi: 10.1177/014920630102700102
- Daily, C. M., Dalton, D. R., & Canella, A. A. (2003). Corporate governance: Decades of dialogue and data. *Academy of Management Review*, 28, 371-382.
- Davidson, R., Stewart, J. G., & Kent, P. (2005). Internal governance structures and earnings management, *Accounting & Finance*, 45(2), 241–267, doi: 10.1111/j.1467-629x.2004.00132.
- Dechow, P. M. (1994). Accounting earnings and cash flows as measures of firm performance: the role of accounting accruals. *Journal of Accounting and Economics*, 18, 3-42.
- Dechow, P. M., Sloan, R. G., & Sweeney, A. P. (1995). Detecting earnings management. *The Accounting Review*, 70(2), 193–225.
- DeFond, M., & Jiambalvo, J. (1994). Debt covenant violation and manipulation of accruals. *Journal of Accounting and Economics*, 17, 145–176.
- Demers, E. A., & Wang, C. (2010). The impact of CEO career concerns on accruals based and real earnings management. *INSEAD Working Paper*, 13
- Demirkan, S., & Platt, H. (2009). Financial status, corporate governance quality, and the likelihood of managers using discretionary accruals. *Accounting Research Journal*, 22(2), 93–117.

- Doupnik, T., & Perera, H. (2009). International accounting. *Economics*, 26(2), 327-349.
- Eisenhardt, K. M. (1989). Agency theory: An assessment and review. *Academy of Management Review*, 14(1), 57–74.
- Epps, R. W., & Ismail, T. H. (2009). Board of directors' governance challenges and earnings management. *Journal of Accounting & Organizational Change*, 5(3), 390-416.
- Falaye, O., Hoitash, R., & Hoitash, U. (2011). The costs of intense monitoring. *Journal of Financial Economics*, 101, 160-181.
- Fama, E. F. (1980). Agency Problems and the Theory of the Firm Agency Problems and the Theory of the Firm. *The Journal of Political Economy*, 88(2), 288–307. Retrieved from http://www.jstor.org/stable/1837929
- Fengyi, L. & Sheng-Fu, W. (2015). Applying digital analysis to investigate the relationship between corporate governance and earnings management: an empirical analysis of publicly listed companies in Taiwan. *Contemporary Management Research*, 11(3), 209-222. doi: 10.7903/cmr.13144.
- Garg, A. G. (2007). Influence of board size and independence on firm performance: a study of indian companies. *ViKALPA*, 32(3), 39-60.
- Ghazali, N. A. (2010). Ownership structure, corporate governance and corporate performance in Malaysia. *International Journal of Commerce and Management*, 20(2), 109-119.
- George, W. (2013). Board governance depends on where you sit. *McKinsey Quarterly*, 1-11.
- Germain, L., Galy, N., & Lee, W. (2014). Corporate governance reform in Malaysia: Board size, independence and monitoring. *Journal of Economics and Business*, 75, 126–162. doi:10.1016/j.jeconbus.2014.06.003
- Gopal, V. K. (2003). Audit quality and the pricing of discretionary accruals. *AUDITING: A Journal of Practice & Theory*, 22(1), 109-126.
- Graham, J. R., Harvey, C. R., & Rajgopal, S. (2005). The economic implications of corporate financial reporting. *Journal of Accounting and Economics*, 40(1), 3-73.
- Gul, F. and Leung, S. (2004) Board leadership, outside directors expertise and voluntary corporate disclosures, *Journal of Accounting and Public Policy*, 23, 351–379.
- Gunny, K. A. (2010). The relation between earnings management using real activities manipulation and future performance: evidence from meeting earnings benchmarks. *Contemporary Accounting Research*, 27(3), 855-888.
- Haron, N. H., & Atan, R. (2008). Goodwill impairment earnings management

- during the new FRS 3 Transitions: evidence from the main board of bursa Malaysia. *Recent Advances in Business Administration*, 48–61.
- Hashim, H. A., & Devi, S. S. (2008). Board independence, CEO duality and accrual management: Malaysian evidence. *Asian Journal of Business and Accounting*, 1(1), 27-46
- Healy, P. M. (1985). The effect of Bonus Schemes on Accounting Decisions. *Journal of Accounting and Economics*, 7(1), 85-107
- Healy, P. M., & Palepu, K. G. (2001). Information asymmetry, corporate disclosure, and the capital markets: A review of the empirical disclosure literature. *Journal of Accounting and Economics*, 31(1), 405-440.
- Healy, P., & Wahlen, J. (1999). A review of the earnings management literature and its implications for standard setting. *Accounting Horizons*, 13(4), 365–383. doi:10.2308/acch.1999.13.4.365
- Hyo Jin, K., & Soon Suk, Y. (2008). The impact of corporate governance on earnings management in Korea. *Malaysian Accounting Review*, 7(1), 43-59
- Ibrahim, S., Xu, L.& Rogers, G. (2011). Real and accrual-based earnings management and its legal consequences: evidence from seasoned equity offerings. *Accounting Research Journal*, 24(1), 50 78. doi:10.1108/103096111111148779
- Ishak, I., Haron, N. M., Salleh, N. N. M. Z. & Rashid, A. A. (2011). Family control and earnings management: Malaysia evidence. *International Proceedings of Economics Development and Research*, 22, 82-86.
- Jaggi, B., Leung, S., & Gul, F. (2009). Family control, board independence and earnings management: evidence based on Hong Kong firms. *Journal of Accounting and Public Policy*, 28(4), 281–300. doi:10.1016/j.jaccpubpol.2009.06.002
- Jalil, A. A., & Rahman, R. A. (2010). Institutional investors and earnings management: Malaysian evidence. *Journal of Financial Reporting and Accounting*, 8(2), 110 127.doi:10.1108/19852511011088370
- Jayalakshmy, R., Zipora, A. N., Ramaiyer, S. & Murali, S. (2015). Does corporate governance influence earnings management?: evidence from Singapore. *The Journal of Developing Areas*, 49(3), 263-274. doi: 10.1353/jda/2015.0169.
- Jensen, M. C., & Meckling, W. H. (1976). Theory of the firm: Managerial behavior, agency costs and ownership structure. *Journal of Financial Economics*, 3(4), 305-360.
- Johari, N. H., Saleh, N. M., Jaffar, R. & Hassan, M. S. (2008). The influence of board independence, competency and ownership on earnings management in Malaysia. *International Journal of Economics and Management*, 2(2), 281-306.
- Johnson, B, P., Breach, A., & Friedman, E. (2000). Corporate governance in the

- Asian financial crisis. *Journal of Financial Economics*, 58(1-2), 141-186.
- Jones, J. J. (1991). Earnings management during import relief investigations. *Journal of Accounting Research*, 29(2), 193-226
- Kamardin, H., & Haron, H. (2011). Internal corporate governance and board performance in monitoring roles: Evidence from Malaysia. *Journal of Financial Reporting and Accounting*, 9(2), 119-140.
- Kline, R. B. (1998). Principles and practices of structural equation modeling. *Guilford, New York*.
- Krishnan, J., Press, E. (2003). The North American industry classification system and its implications for accounting research. *Contemporary Accounting Research*, 20(4): 685-717.
- Leng, A. C. A. (2004). The impact of corporate governance practices on firms' financial performance: evidence from Malaysian companies. *ASEAN Economic Bulletin*, 21(3), 308-318.
- Levitt, A. (1998). The numbers game. Accounting Horizons, 12(1), 79-82
- Liew, P. K. (2009). The (Perceived) roles of corporate governance reforms in Malaysia: The views of corporate practitioners. *Research in Accounting in Emerging Economies*, 8, 455-482.
- Lin, J. W., & Hwang, M. I. (2010). Audit quality, corporate governance, and earnings management: A Meta-Analysis. *International Journal of Auditing*, 14(1), 57-77.
- Lo, K. (2008). Earnings management and earnings quality. *Journal of Accounting and Economics*, 45(2), 350-357.
- Lobo, G. J., & Zhou, J. (2006). Did conservatism in financial reporting increase after the Sarbanes Oxley Act? Initial evidence. *Accounting Horizons*, 20(1), 57–73.
- Liu, J. (2012). Board monitoring, management contracting and earnings management: an evidence from ASX listed companies. *International Journal of Economics and Finance*, 4(12), p121.
- Mallin, C., Mullineux, A., & Wihlborg, C. (2005). The financial sector and corporate governance: the UK case. *Corporate Governance*, 13(4), 532-541
- Marra, A., Mazzola, P., & Prencipe, A. (2011). Board monitoring and earnings management Pre- and Post-IFRS. *International Journal of Accounting*, 46(2), 205-230.
- Matsumoto, D. a. (2002). Management 's incentives negative to avoid earnings surprises. *The Accounting Review*, 77(3), 483–514. Retrieved from http://www.jstor.org/stable/3068885.
- Matsuura, S. (2008). On the relation between real earnings management and

- accounting earnings management: Income smoothing perspective. *Journal of International Business Research*, 7(3), 63-77.
- McCabe, M., & Nowak, M. (2008). The independent director on the board of company directors. *Managerial Auditing Journal*, 23(6), 545-566.
- McKee, T. E. (2005). Earnings management: an executive perspective. *South-Western Pub*.
- Mohamad, M. H. S., Rashid, H. M. A., & Shawtari, F. A. M. (2012). Corporate governance and earnings management in Malaysian government linked companies: The impact of GLCs' transformation policy. *Asian Review of Accounting*, 20(3), 241-258.
- Mohammad, W. M. W., Wasiuzzaman, S. & Salleh, N. M. Z. N. (2016). Board and audit committee effectiveness, ethnic diversification and earnings management: a study of the Malaysian manufacturing sector. *Corporate Governance: The International Journal of Business in Society*, 16(4),-. doi: 10.1108/CG-06-2015-0085
- Mohanram, P. S. (2003). How to manage earnings management. *Accounting World*, 10(1), 1-12.
- Mohd, H. C. H., Rashidah, A. R., & Sakthi, M. (2008). Corporate governance, transparency and performance of Malaysian companies. *Managerial Auditing Journal*, 23(8), 744–778. doi:10.1108/02686900810899518
- Nor, J. M., Ahmad, N., & Saleh, N. S. (2010). Fraudulent financial reporting and company characteristics: tax audit evidence. *Journal of Financial Reporting & Accounting*, 8(2), 128–142. doi:10.1108/19852511011088389

Universiti Utara Malaysia

- Noronha, C., Zeng, Y., &, Vinten, G. (2008). Earnings management in China: an exploratory study. *Managerial Auditing Journal*, 23(4), 367 385. doi:10.1108/02686900810864318
- OECD, (2004). OECD principles of corporate governance. Retrieved from 2016-04-10, fromhttp://www.oecd.Org/dataoecdl328/113 1557724
- Osma, B. G. (2008). Board independence and real earnings management: The case of R&D expenditure. *Corporate Governance: An International Review*, 16(2), 116-131.
- Othman, H. B. & Zeghal, D. (2006). A study of earnings-management motives in the Anglo-American and Euro-Continental accounting models: the Canadian and French cases. *The International Journal of Accounting*, 41(4), 406–435. doi:10.1016/j.intacc.2006.09.004
- Ow-Yong and Guan, 2000, Kean Ow-Yong and Cheah Kooi Guan ,Corporate Governance Codes: a comparison between Malaysia and the UK, *Corporate Governance: An International Review*, 8(2), 125–132, doi: 10.1111/1467-8683.00190
- Padilla (2002) Padilla, A. (2002). Can agency theory justify the regulation of insider

- trading?. The Quarterly Journal of Austrian Economics, 5(1), 3-38.
- Park, Y. W. & Shin, H. H. (2004) Board composition and earnings management in Canada. *Journal of Corporate Finance*, 10, 431-457.
- Peasnell, K. V., Pope, P. F. & Young, S. E. (2005). Board monitoring and earnings management: do outside directors influence abnormal accruals? *Journal of Business Finance and Accounting*, 32(7-8), 1311-1346.
- Petra, S. (2007). The effects of corporate governance on the informativeness of earnings. *Economics Of Governance*, 8(2), 129-152. doi:10.1007/s10101-006-0018-8
- Pincus, M. & Rajgopal, S. (2002). The interaction of accrual management and hedging: evidence from oil and gas firm. *The Accounting Review*, 71, 127–160.
- Rahman, R. A., & Ali, F. H. M. (2006). Board, Audit Committee, Culture and Earnings Management: Malaysian evidence. *Managerial Auditing Journal*, 21(7), 783-804.
- Rahman, R., & Haniffa, R. M. (2005). The effect of role duality on corporate performance in Malaysia. *Corporate Ownership and Control*, 2(2), 40-47.
- Rauf, F. H. A., Johari, N. H., Buniamin, S., & Rahman, N. R. A. (2012). The impact of company and board characteristics on earnings management: evidence from Malaysia. *Global Review of Accounting and Finance*, 3(2), 114–127.
- Roychowdhury, S. (2006). Earnings management through real activities manipulation. *Journal of Accounting and Economics*, 42, 335-370.

Universiti Utara Malavsia

- Sahlan, L. A. (2011). The Malaysian listing requirement reforms and earnings management practices of public listed firms. *The IUP Journal of Corporate Governance*, 10(2), 7-36.
- Saleh, N. M., Iskandar, T. M. & Rahmat, M. M. (2005). Earnings management and board characteristics: Evidence from Malaysia. *Jurnal Pengurusan*, 24, 77-103.
- Seybert, N. (2010). R&D capitalization and reputation-driven real earnings management. *Accounting Review*, 85(2), 671-693.
- Shamsul N. A. (2004). Board composition, CEO duality and performance among Malaysian listed companies. *Corporate Governance: The international journal of business in society*, 4(4), 47-61. doi:10.1108/14720700410558871
- Shamsul, N. A., Nor, Z. M. Y., & Mohamad, N. M. N. (2010). Financial restatements and corporate governance among Malaysian listed companies. *Financial Restatements and Governance*, 25(6), 526–552. doi:10.1108/02686901011054854
- Shapiro, S. P. (2005). Agency theory. *Annual review of sociology*, 31, 263-284.
- Scott, W. R. (2003). Financial Accounting Theory (Third ed.), Pearson Education

- Canada Inc. [xii+509 pp.]
- Schipper, K. (1989). Commentary: Earnings Management. *Accounting Horizons*, 12, 91-102.
- Schoeler, F. (2005). Earnings management to avoid earnings decrease and losses. *Financial Reporting Research Group*, 1-25.
- Shleifer, A., & Vishny, R.W. (1997). A survey of corporate governance. *Journal of Finance*, 52(2), 737-783.
- Siregar, S. V., & Utama, S. (2008). Type of earnings management and the effect of ownership structure, firm size and corporate-governance practices: evidence from Indonesia. *The International Journal of Accounting*, 4, 1–27.
- Stubben, S. R. (2010). Discretionary revenues as a measure of earnings management. *The Accounting Review*, 85(2), 695–717. doi:10.2308/accr.2010.85.2.695
- Tsamenyi, M., & Uddin, S. (2009). Introduction to corporate governance in less developed and emerging economies. *Research in Accounting in Emerging Economies*, 8, 1-11.
- Vafeas, N. (1999). Board meeting frequency and firm performance. *Journal of Financial Economic*, 53(1),113-142
- Visvanathan, G. (2008). Corporate governance and real earnings management. *Academy of Accounting and Financial Studies Journal*, 12(1), 9-22.
- Watts, R. L., & Zimmerman, J. L. (1978). Towards a positive Accounting Theory of the determination of accounting standard. *The Accounting Economics*, 53(1), 112-134
- Xie, B., Davidson, W. N., & DaDalt, P. J. (2003). Earnings management and corporate governance: the role of the board and the audit committee. *Journal of Corporate Finance*, 9, 295–316. doi:10.1016/S0929-1199(02)00006-8