

EARNING QUALITY IN MESDAQ COMPANY

SITI NOR JUNITA BINTI MOHD RADZI

**UNIVERSITI UTARA MALAYSIA
2008**

EARNING QUALITY IN MESDAQ COMPANY

**A thesis submitted to the Graduate School in partial
Fulfillment of the requirement for the degree
Master in Science (International Accounting)**

**By
Siti Nor Junita Binti Mohd Radzi**

© Siti Nor Junita Binti Mohd Radzi, 2008. All Right Reserved



KOLEJ PERNIAGAAN
(College of Business)
Universiti Utara Malaysia

PERAKUAN KERJA KERTAS PROJEK
(Certification of Project Paper)

Saya, mengaku bertandatangan, memperakukan bahawa
(I, the undersigned, certify that)

SITI NOR JUNITA BT MOHD RADZI (87022)

Calon untuk Ijazah Sarjana
(Candidate for the degree of) **MASTER OF SCIENCE (INTERNATIONAL ACCOUNTING)**

telah mengemukakan kertas projek yang bertajuk
(has presented his/her project paper of the following title)

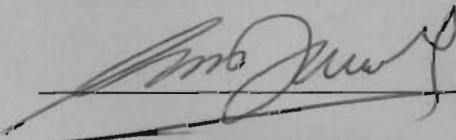
EARNING QUALITY IN MESDAQ COMPANY

Seperti yang tercatat di muka surat tajuk dan kulit kertas project
(as it appears on the title page and front cover of the project paper)

Bahawa kertas projek tersebut boleh diterima dari segi bentuk serta kandungan dan meliputi bidang ilmu dengan memuaskan.

(that the project paper acceptable in the form and content and that a satisfactory knowledge of the field is covered by the project paper).

Nama Penyelia : **MR. MOHD. 'ATEF MD. YUSOF**
(Name of Supervisor)

Tandatangan : 

Tarikh : **30 NOVEMBER 2008**
(Date)

DECLARATION

I certify that the substance of this thesis has not been submitted to any degree and is not currently being submitted for any other degree qualification.

I certify that any help received in preparing this thesis and all sources used has been acknowledged in this thesis.

Siti Nor Junita Binti Mohd Radzi

87022

College of Business

Universiti Utara Malaysia

06010 Sintok

Kedah

30 November 2008

PERMISSION TO USE

In presenting this dissertation in partial fulfillment of the requirement for a postgraduate degree from Universiti Utara Malaysia, I agree that University Library may make it freely available for inspection. I further agree that permission for copying of this thesis in any manner, in whole or in part, for scholarly purposes may be granted by my supervisor(s) or, in absence, by the Deputy Vice Chancellor of College of Business. It is understood that any copying or publication or use of this thesis or parts thereof for financial gain should not be allowed without my written permission. It is also understood that due recognition shall be given to me and to Universiti Utara Malaysia for any scholarly use which may be made of any material from my thesis.

Request for permission to copy or to make other use of material in this thesis, in whole or in part, should be addressed to:

Deputy Vice Chancellor of College of Business

Universiti Utara Malaysia

06010 UUM Sintok

Kedah Darul Aman

ABSTRACT

Earning Management can be viewed from financial reporting perspective. From a financial reporting perspective, managers may use earning management to meet analysts' earning forecast, thereby avoiding the strong negative share price reaction that quickly follow a failure to meet investor expectations. Also, they may record excessive write off or emphasize earning construct such as net income. Management may use it to create a stream of smooth and growing earning over time. Given securities market efficiency, this requires management to draw on its inside information. Thus, earning management can be a vehicle for the communication of management's inside information to investors. Too much earning management, however, reduces the earning quality and the ability investor to interpret current net income as well, particularly if the earning management is buried in core earning or otherwise not fully disclosed. The reported net income is useful to investor in evaluating future firm performance but excessive earning management may reduce this usefulness. Thus this study is very important because from the research findings shows that the size of audit firm, internal audit establishment and former senior auditor as company director have no significantly effect on earning management which being proxy by total discretionary accruals. An understanding of the earning management is also important to accountants because it enables an improved understanding of the usefulness of the net income, especially for reporting to investor. It also may assist them to avoid some of the serious legal and reputation consequences that arise when firms become financially distress where such distress is often preceded by serious abuse of earnings management.

ACKNOWLEDGEMENT

In the name of Allah, the Most Gracious and the Most Merciful

I would like to gratefully acknowledge the contributions to several people who have helped me in completing this project.

First and foremost, praise to Allah, whose blessing and guidance have helped me in completing this study.

Second I would like to convey my grateful thanks to my supervisor Dr. A'tef Bin Mohd Yusof who also had been giving me a support and advise for the completion of this project. He had spent a lot of his time patiently and painstakingly giving advice and valuable information, correcting errors, just to ensure the best effort had been given in the completion and achievement of this study. Needles to say, I could not have completed this study if it is not been for his admirable diligence and resourcefulness. Without the intelligent idea and guidance from him this study will not exist at all.

Third, my sincere appreciations are given to my beloved family and my siblings for their patience, prayers and understanding over the entire period of my study.

Last but not least, to all my friends and all the individuals that have involve directly and indirectly in the completion of this project. All their support and encouragement is very much appreciated. Thanks a lot to all. Thanks again to everyone including those who I have probably to mention here.

SITI NOR JUNITA BINTI MOHD RADZI

COLLEGE OF BUSINESS

UNIVERSITI UTARA MALAYSIA

NOVEMBER 2008

TABLE OF CONTENT

PAGE

Declarations	i
Permission to Use	ii
Abstract	iii
Acknowledgement	iv
Table of Content	vi
List of Tables and Figures	viii
Abbreviations	ix

CHAPTER 1 : INTRODUCTION

1.0 Introduction	1
1.1 Earning Management and the Reliability of Earnings	2
1.2 Background of the Study	5
1.2.1 Earning Management & Book Value: Short term and Long Term Discretionary Accruals	5
1.3 Problem Statement	8
1.4 Scope of the Study	10
1.5 Research Question	14
1.6 Research Objective	14
1.7 Significant of the Study	15
1.8 Organizations of the Study	16

CHAPTER 2 : LITERATURE REVIEW AND HYPOTHESES DEVELOPMENT

2.0 Introduction	17
2.1 Earning Management	17
2.2 Why Do Firms Manage Earnings?	19
2.3 How Do Firms Manage Earnings?	22
2.4 Earning Quality	24
2.5 Theoretical Framework and Hypotheses Development	27
2.5.1 Theoretical Framework Model	27
2.5.2 Hypotheses Development	28

CHAPTER THREE: RESEARCH METHOD

3.0 Introduction	33
3.1 Sample Selection and Data Collections	33
3.2 Measurement of the Dependent Variable	34
3.3 The Measurement of the Independent Variable	36
3.3.1 Measurement of Independent Variable	36
3.4 Data Analysis	37

CHAPTER 4 : DATA ANALYSIS AND RESEARCH FINDINGS

4.0 Introduction	38
4.1 Variable Measurement	39
4.1.1 Descriptive Statistic for this study	39
4.2 Pearson Correlation Analysis	41
4.2.1 Correlation coefficient between variables	41
4.3 Multiple Regression Analysis	43
4.3.1 Multiple Regression Analysis	43
4.3.2 Indicator of Earning Management	45
4.4 Hypotheses Testing	47
4.4.1 Hypotheses Testing	47
4.5 Summary of Findings	48

CHAPTER 5 : DISCUSSION AND CONCLUSION

5.0 Introduction	49
5.1 Discussion	49
5.1.1 Acceptability of the Hypotheses	53
5.2 Conclusion	53
5.3 Recommendations for Future Research	55

REFERENCES	57
-------------------	----

LIST OF TABLES

	Table	Page
Table 3.3.1	Measurement of Independent Variables	36
Table 4.1.1	Descriptive Statistic for this study	39
Table 4.2.1	Correlation coefficient between variable	41
Table 4.3.1	Multiple Regression Analysis	43
Table 4.4.1	Hypotheses Testing	47
Table 5.1.1	Acceptability of the hypotheses	53

LIST OF FIGURES

	Figure	Page
Figure 2.5.1	Theoretical Framework Model	27

ABBREVIATIONS

aud_signal	Audit delays
audit_partner	Senior and junior auditor
big4	Big four audit firm (KPMG, PwC, Deloitte and EY)
bodxsenaudit	Existence of former senior auditor as company director
caudpartner	Company audit partner
CLERP	Corporate Law Economic Reform Program
COGS	Cost of Good Sold
CPA	Chartered Public Accounting
EPS	Earning Per Share
EY	Earns & Young
GAAP	General Accepted Accounting Principles
IIAM	Institute of Internal Auditor of Malaysia
int_audit	Existence of independent internal audit function
IV	Independent Variables
lgasset	Total asset
lgaudfee	Audit fees
MESDAQ	Malaysia Exchange for Securities Dealing and Automated Quotation
MIA	Malaysia Institute of Accountants
MSC	Multimedia Super Corridor
NYSE	New York Stock Exchange
OLS	Ordinary Least Square
SAC	Statements of Accounting Concepts
SEC	Securities Commission
SFAC	Statement of Financial Accounting Concepts
SMI	Small Medium Industries
SOX	Sarbanes Oxley
SPSS	Statistical Package for Social Science
sqrtsubs	Number of all subsidiaries

CHAPTER ONE

INTRODUCTION

1.0 Introduction

Firm value is derived from the market's expectations of firm performance. Accounting provides the necessary information for the market to form these expectations. Books value of equity represents past performance and current earnings are indicative of future performance. Thus these measures are commonly used as the basis for firm valuation (Easton and Harris 1991; Wild 1992; Ohlson 1995; Penman 1998; Ou and Sepe 2002).

This study is conducted for the purposes that the reliability of accounting information may affect its relevance to the market in determining firm value and reducing the quality of reported earning as well. The earning figure is susceptible to manipulation that may also reduce its reliability and thus its usefulness in the valuation process. This is due to the accrual components of earnings which is in part subject to managerial discretion. This is because according to the GAAP (General Accepted Accounting Principles) allow a degree of freedom; this pliancy may be exploited by management (Levitt 19998). The prospect of exploitation increases when incentives exist for management to manipulate the accruals components of earnings targets (Beaver and Angel 1996; Dechow et al 1996; Wu 1997; Teoh et al 1998b; Erickson and Wang 1999; Holland and Ramsay 2003).

The rationale for the use of accrual accounting is that it allows management to adjust cash flows to better reflect the performance and position of the firms. In this context, accruals are used as a signal to the market. However when the managers use accruals to opportunistically manage earnings, the earning measure is not a reliable indicator of the firm's financial performance. Accordingly, such opportunistic behavior will reduce the usefulness of the information contained in earnings. The difficulty for the market participants is to identify when accruals are used as a credible signal and when

The contents of
the thesis is for
internal user
only

REFERENCES

Aboody, D., and R. Kasznik, (2000). "CEO Stock Option awards and the timing of corporate voluntary disclosures". *Journal of Accounting and Economics* 29 : 73 - 100

Ashbaugh-Skaife, H., D. Collins, W. Kinney, and R. LaFond. (2006). "Internal Control Deficiencies, Remediation and Accrual Quality". *Working Paper*, University of Wisconsin, University of Iowa, University of Texas at Austin and MIT.

Baber, W. R., Fairfield, P.M., Haggard, J.A., (1991). "The effect of concern about reported income on discretionary spending decision: the case of research and developments". *The Accounting Review* 66: 818 – 819

Barth, M. E., W. H. Beaver, and W. R. Landsman. (1998). "Relative Valuation Roles of Equity Book Value and Net Income as a Function of Financial Health". *Journal of Accounting and Economics* 25: 1 – 34.

Barth, M. E., (2001). "The relevance of the value relevance literature for financial accounting standard setting: another view". *Journal of Accounting and Economics* 31:77 – 104

Bartov, E., (1993). "The timing of asset sales and earning manipulation." *The Accounting Review* 68 : 840 – 855

Bartov, E., F. A. Gul, and J. S. L. Tsui. (2001). "Discretionary-accruals models and audit qualification." *Journal of Accounting and Economics* 30: 421 – 452

Bartov, E. and P. Mohanram, (2003). "Private Information, Earning Manipulations, Executive Stock Option Exercises." *Working Paper* – Columbia University/New York University

Beaver, W.H., and E.E. Engel (1996). "Discretionary behavior with respect to allowances for loan losses and the behavior of security prices." *Journal of Accounting and Economics* 22: 177-206

Beaver, W.H., and R. Dukes (1972). "Interperiod Tax Collection, Earnings Expectations, and the Behavior of Security Prices." *The Accounting Review* 47(April):320 – 332

Becker, C., M. DeFond., J. Jimbalvo, and K. Subramanyam. (1998). "The effect of audit quality on earning management." *Contemporary Accounting Research* 15(Spring): 1-24

Beneish, M. D.(2001). "Earnings Management: A Perspective". *Managerial Finance* 27(12): 3-17

Berger, P., E. Ofeck and I. Swary.(1996). "Investor Valuation of the Abandonment Option." *Journal of Financial Economics* 42: 257 – 287

Black, E.L., T. A. Carnes and V.J. Richardson. (2000). "The Value Relevance of Multiple Occurrence of Nonrecurring Items." *Review of Quantitative Finance and Accounting* 15: 391 – 411.

Bowen, R.M., D. Burgstahler, and L.A. Daley. (1987). "The Incremental Information Content of Accrual Versus Cash Flows." *The Accounting Review* 62(4): 723 – 747

Bowman, R. G. and F. Navissi.(2003)." Earning management and abnormal returns: Evidence from the 1970–1972 Price Control Regulations." *Accounting and Finance* 43: 1 – 19.

Boynton, C.E., P. S. Dobbins, and G. A. Plesko.(1992). "Earning Management and the Corporate Alternative Minimum Tax." *Journal of Accounting Research* 30(3): 131 – 153.

Brown, P. R. (1999). "Earning Management: A Subtle (and Troublesome) Twist to Earning Quality." *The Journal of Financial Statement Analysis Winter*: 61 - 63

Burgstahler, D., and I. Dechev. (1997). "Earning Management to Avoid Earnings Decreases and Losses." *Journal of Accounting and Economics* 24: 99 - 126

Burgstahler, D., and I. Dechev.(1997a). "Earning, Adaptation, and Equity Value." *The Accounting Review* 72: 187 – 215

Burgstahler, D., and I. Dichev.(1997b). "Earning Management to Avoid Earnings Decreases and Losses." *Journal of Accounting & Economics* 24(1): 99-126

Bushee, B., (1998). "he influence of institutional investor on myopic R&D investment behavior." *The Accounting Review* 73 : 305 – 333

Caramanis., C. and Lennox., C. (2008) . "Audit effort and earning management." *Journal of Accounting & Economics* 45 : 116-138

Cheng, C.S., C.. Liu, and T.F. Schaefer (1996). "Earnings Performance and the Incremental Information Content of Cash Flows from Operations." *Journal of Accounting Research* 34 (1): 173 – 181

Chia, Y. K., R. Czernkowski, and J. Loftus (1997). "The Association of aggregate and disaggregated earning with annual stock returns." *Accounting and Finance* 37: 111 – 128

Coakes., S. J. and Steed, L. G., (2001). "SPSS Analysis without Anguish Version 11.0 for Windows." John Wiley & Sons Australia, Ltd.

Collins, D., and S. P. Konthari. (1989). "An Analysis of the Intertemporal and Crosssectional Determinants of the Earnings Response Coefficient." *Journal of Accounting and Economics* 11: 143 – 181

Collins, D., E. Maydew, and I. Weiss. (1997). "Changes in the Value-Relevance of Earnings and Book Values and over the Past Forty Years." *Journal of Accounting and Economics* 24(1): 39 – 67

Collins, D., M. Pincus, and H. Xie. (1999). "Equity Valuation and Negative Earnings: The Role of Book Value Equity." *The Accounting Review* 74(1): 29 – 61

Cotter, J. (1996). "Accruals and cash flows accounting models: A comparison of the value-relevance and timeliness of their components." *Accounting and Finance* 36: 127 – 150

DeAngelo, L., (1981). "Auditor size and audit quality." *Journal of Accounting and Economics* 3: 183–199.

DeAngelo, L. E. (1986). "Accounting Numbers as Market Valuation Substitutes: A Study of Management Buyouts of Public Stockholders." *The Accounting Review* 61(3): 400 – 420.

Dechow, P., Sloan, R., (1991). "Executive incentives and the horizon problem." *Journal of Accounting and Economics* 14 : 51 – 89

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., R. G. Sloan, and A. P. Sweeney. (1995). "Detecting Earnings Management." *The Accounting Review* 70(2): 193 – 225.

Dechow, P.M., (1996). "Causes and Consequences of Earnings Manipulation: An Analysis of Firms Subject to Enforcement Actions by the SEC." *Contemporary Accounting Research* 13 (1):1-36

Dechow, P. M. and D. J. Skinner. (2000). "Earnings Management: Reconciling the Views of Accounting Academics, Practitioners, and Regulators." *Accounting Horizons* 14(2): 235 – 250

Dechow, P. and I. Dichev. (2002). "The Quality of Accruals and Earnings: the Role of Accruals Estimation Errors." *The Accounting Review* : 35 – 59

DeFond, M.L., Jiambalvo, J., (1993). "Factors related to auditor-client disagreements over income-increasing accounting methods." *Contemporary Accounting Research* 9: 415–431.

DeFond, M.L., and Jimbalvo.(1994). "Debt Covenant Violation and the Manipulation of Accruals." *Journal of Accounting and Economics* 17(1-2): 145 – 176

DeGeorge, F., J. Patel, and R. Zeckhauser.(1999). "Earning Management to exceed threshold." *The Journal of Business* 72(1): 1-33

DeGeorge, Francois, Jayendu Patel, and Richard Zeckhauser, (1999). "Earning Management to Exceed Threshold." *Journal of Business* 72: 1 – 33

Doyle, J., W.. Ge, and S. McVay. (2006). "Accruals Quality and Internal Control over Financial Reporting." *Working Paper*, Utah State University, University of Washington and New York University.

Duncan, J. R. (2001). "Twenty Pressures to Manage Earnings." *The CPA Journal* July: 33 –37

Dye, R.A., (1993). "Auditing standards, legal liability, and auditor wealth." *Journal of Political Economy* 101: 887–914.

Dye, R.A., (1995). "Incorporation and the audit market." *Journal of Accounting and Economics* 19: 75–114.

Easton and Harris, P., and T.Harris. (1991). "Earning as an Explanatory Variable for Returns." *Journal of Accounting Research* 29 (1): 19 - 36

Easton, P., and T.Harris.(1991). "Earning as an Explanatory Variable for Returns." *Journal of Accounting Research* 29(1): 19-36

Erickson, M., and Wang.(1999). "Earning management by acquiring firms in stock for stock merger." *Journal of Accounting and Economics* 27(2):149 – 176

Felix jr., W. L., A.A.Gramling and M.J Maletta.(2001). "The contribution of internal audit as a determinant of external audit fees and factors influencing this contribution." *Journal of Accounting Research* 39(3): 513-534

Francis , J., and K. Schipper.(1999). "Have Financial Statements Lost Their Relevance?" *Journal of Accounting Research* 37(2): 319-352

Frankel, R., Johnson, M., Nelson, K.,(2002). "The relation between auditors' fees for non-audit services and earnings management." *The Accounting Review* 77: 71– 105.

Gerrard, I., K. Houghton and D. Woodliff (1994). "Audit fees: The effect of auditee, auditor and industry differences." *Managerial Auditing Journal* 9(7): 3-11

Guay, W. R., S. P. Kothari, and R. L. Watts.(1996). "A market-Based Evaluation of Discretionary Accruals Models." *Journal of Accounting Research* 34(Supplement): 83-105

Guay, W. R., and B. K. Sidhu.(2001). "The Usefulness of Long Term Accruals." *ABACUS* 37 (1): 110 – 131

Gunny, K., (2005). "What are the consequences of real earning management?" *Working paper*, University of Coloradoat Boulder.

Hansen, S.C., Watts, J.S., (1997). "Two models of the auditor-client interaction: Tests with United Kingdom data." *Contemporary Accounting Research* 14: 23–50.

Haron,H.,A. Chambers, R. Ramsi and I. Ismail.(2004). "The reliance of external auditors on internal auditors". *Managerial Auditing Journal* 19(9): 1148-1159

Healy, P. M.(1985). "The effect of bonus schemes on accounting decision." *Journal of Accounting and Economics* 7 (April): 85 – 107

Healy, P. M. and J. M. Wahlen. (1999). "A Review of the Earning Management Literature and Its Implications for Standard Setting." *Accounting Horizons* 13(4): 365 – 383

Herrmann, T., Inoue, T., Thomas, W. B., (2003). "The sale of asset to manage earnings in Japan." *Journal of Accounting Research* 41: 89 – 108

Holland, D. and A.Ramsay.(2003). "Do Australian companies manage earnings to meet simple earning benchmarks?" *Accounting & Finance* 43 (1): 41 - 62

Hribar, P., and D. W. Collins.(2002). "Errors in Estimating Accruals: Implications for Empirical Research." *Journal of Accounting Research* 40(1): 105-134

Iyer, Ventakaraman M., E, Michael Bamber and Russell M. Barefield (1997). "Identification of accounting firm alumni with their former firm: Antecedents and outcomes." *Accounting, Organizations and Society* 22(3&4): 315-336

Iyer, Ventakaraman M. (1998). "Characteristic of accounting firm alumni who benefit their former firm." *Accounting Horizons* 12(1): 18-30

Jones , J. J. (1991). "Earning Management during Import Relief Investigations." *Journal of Accounting Research* 29(2) : 193 – 228

Kasznik, R. (1999). "On the Assosiation Between Voluntary Disclosure and Earning Management." *Journal of Accounting Research* 37: 57 – 82.

Kellogg, R.L., (1984). "Accounting activities, securities prices and class action lawsuits." *Journal of Accounting and Economics* 6: 185–204.

Kinney Jr., W.R., Martin, R.D., (1994). "Does auditing reduce bias in financial reporting? A review of audit-related adjustment studies." *Auditing: A Journal of Practice and Theory* 13: 151–156.

Klein, A. (2002). "Audit Committee, Board of Director Characteristic and Earning Management." *Journal of Accounting and Economics* : 375 – 400

Kormendi, R., and R. Lipe. (1987). "Earning Innovations, Earning Persistence, and Stock Returns." *The Journal of Business* 60(3): 323 – 345

Krishnan, G. V.(2003). "Does Big 6 Auditor Industry Expertises Constrain Earnings Management?" *Accounting Horizons* 17: 1-16

Larcker, D., Rusticus, T.,(2005). "On the use of instrumental variables in accounting research." *SSRN working paper*.

Levitt, A. (1998). "The numbers game." Unpublished remarks. Available at [http ://www.sec.gov/news/speeches/spch220.txt](http://www.sec.gov/news/speeches/spch220.txt)

Liu, C., S. Ryan, and J. Wahlen.(1997). "Differential valuation implications of loan loss provision across banks and fiscal quarters." *The Accounting Review* 72(1): 133-146

Malaysia Institute of Accountants (2001). "ISA 610 Considering the Work of Internal Auditing." *Malaysia Approved Standards on Auditing*, Kuala Lumpur

Malaysia Institute of Accountants (2002). "MIA by Laws (On professional Conduct and Ethics)." Revised Jan 2002.

Mat Zain, M., N. Subramaniam and J. Stewart.(2006). "Internal auditors's assessment of their contribution to financial statements audits: The relation with audit committee and internal audit function characteristic." *International Journal of Auditing* 10:1-18

McNichols, M., and G. P. Wilson. (1988). "Evidence of Earning Management from the Provision of Bad Debts ." *Journal of Accounting Research* 26: 1 – 31

McNicholas, M. (2000). "Research design issues in earnings management studies." *Journal of Accounting and Public Policy* 19(4/5): 313-345

Mohd 'Atef.(2007). "Audit Fees of Technological firms on Bursa Malaysia: A Test on Internal Audit Establishment and Former Senior Auditor." *Working Paper*: 1-10

Myers, J.N., Myers, L.A., Omer, T.C., (2003). "Exploring the term of the auditor-client relationship and the quality of earnings: a case for mandatory auditor rotation?" *The Accounting Review* 78: 779-799.

Nelson, M., Elliott, J., Tarpley, R., (2002). "Evidence from auditors about managers' and auditors' earnings management decisions." *The Accounting Review* 77 (Supplement): 175-202.

O'Sullivan, N. (1999). "Board characteristic and audit pricing post-Cadbury: a research note." *The European Accounting Review* 8(2): 253-263

Ohlson, J.(1995). "Earning, Book Values, and Dividends in Equity Valuation." *Contemporary Accounting Research* 11(2)Spring: 661-687

Ou, J., and J. Sepe. (2002). "Analysts Earning Forecast and the Roles of Earnings and Book Value in Equity Valuation." *Journal of Business Finance and Accounting* 29(3-4): 287-316

Penman, S. (1992). "Return to Fundamentals." *Journal of Accounting, Auditing & Finance* 7 (4): 465 – 483

Penman,S. (1998). "Combining Earnings and Book Value in Equity Valuation." *Contemporary Accounting Research* 15(3): 291-324

Perry, S., and Williams. (1994). "Earning Management Preceding Management Buyout Offers." *Journal of Accounting and Economics* 18: 157 – 179

Rangan , S. (1998). "Earnings Around Seasoned Equity Offering: Are they overstated?" *Journal of Financial Economics* 50(1): 101 – 122

Reynolds, J.K., Francis, J., (2000). "Does size matter. The influence of large clients on office-level auditor reporting decisions." *Journal of Accounting and Economics* 30: 375-400.

Rosenfield, P. (2000). "What Drives Earning Management?" *Journal of Accountancy* October: 106 – 110

Roychowdhury, S., (2006) . "Earnings management through real activities manipulation." *Journal of Accounting & Economics* 42: 335 – 370.

Schipper, K.,(1989). "Commentary on earning management." *Accounting Horizon* 3: 91 – 102

Sekaran, U. (1992). "Research Methods for Business": 2nd edition, John Wiley & Sons, Inc., United States

Sekaran, U., (2000). " Research methods for Business: A Skill Building Approach": 4th Edition, John Wiley & Sons, Inc., New York.

St. Pierre, K., Anderson, J., (1984). "An analysis of the factors associated with lawsuits against public accountants." *The Accounting Review* 59: 242–263.

Subramanyam, K. R. (1996). "The pricing discretionary accruals." *Journal of Accounting and Economics* 22 : 249 – 281

Teoh, S. H., Welch, I., Wong, T.J., (1998a). "Earning management and the long-run market performance of initial public offering." *Journal of Finance* 53, 1935 – 1974

Teoh, S.H.,T.J. Wong and G.Rao. (1998b) "Are accrual during public offerings opportunistic?" *Review of Accounting Studies* 3 : 175 – 208

The Institute of Internal Auditors of Malaysia (2002). *2002 Survey on Internal Audit Function of Public Listed Companies in Malaysia*. IIAM

The Institute of Internal Aditors of Malaysia (2004). *Internal Audit Practice In Malaysia 2004 Survey*. IIAM and Ernst and Young

Thomas, J., and X. Zhang. (2000). "Identifying unexpected accruals: a comparison of current approaches." *Journal of Accounting and Public Policy* 19:347-376

Wells, P.(2002). "Earning management surrounding CEO changes." *Accounting and Finance* 42(2): 169 – 193

Wild,J. (1992). "Stock Price Informativeness of Accounting Number: Evidence on Earnings, Book Values, and their Components." *Journal of Accounting and Public Policy* 11(2): 119-155

Wilson, G. P. (1986). "The Relative Information Content of Accruals and Cash Flows: Combined Evidence at the Earnings Announcement and Annual Report Date." *Journal of Accounting Research* 24 (Supplement): 165 – 200

Wu, Y.W. (1997). "Management buyouts and earnings management." *Journal of Accounting, Auditing & Finance* 12 (4): 373 – 389