Sustainable Development: Challenges for Malaysian Local Governments

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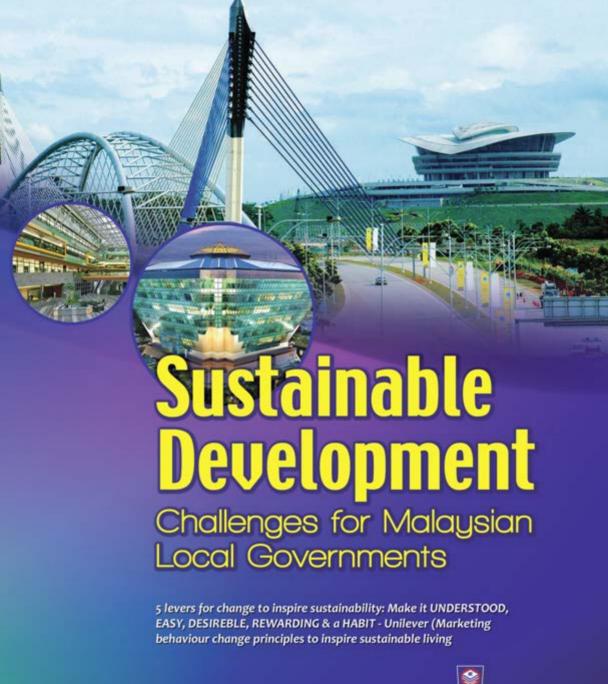
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Abstract: Local Governments today faced with a very demanding and dynamic situation in development agenda. They are now experiencing continuous challenges in term of implementing of sustainable development as in the environmental, economical and social aspect. Over the past decade, those aspects are discussed comprehensively and nowadays, as a result of this development, the interests in sustainable development are increasing. This book focuses on the issues of knowledge transfer practices towards sustainable development in Malaysia's Local Governments. The book is published because the lack of books that revolve around issues of knowledge transfer practices towards sustainable development and Malaysian Local Governments. This book aims among students majoring in construction management in higher education in Malaysia. The word sustainable development and Malaysian Local Governments are chosen as the title of this book is to emphasize those issues and hopefully can increase awareness among Malaysian.

Keywords: Governments, sustainable development, environmental, economical, social



SULZAKIMIN MOHAMED



Sustainable Developments Challenges for Malaysian Local Governments

5 levers for change to inspire sustainability: Make it UNDERSTOOD, EASY, DESIREBLE, REWARDING & a HABIT - Unilever (Marketing behaviour change principles to inspire sustainable living

SULZAKIMIN MOHAMED



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PREFACE

Local Governments today faced with a very demanding and dynamic situation in development agenda. They are now experiencing continuous challenges in term of implementation of sustainable development as in the environmental, economical and social aspect. Over the past decade, those aspects are discussed comprehensively and nowadays, as a result of this development, the interests in sustainable development are increasing.

This book focuses on the issues of sustainable development and knowledge transfer practices in Malaysia's Local Governments. The book is published because the lack of books that revolve around issues of knowledge transfer practices towards sustainable development and Malaysian Local Governments. This book aims among students majoring in construction management in higher education in Malaysia. Sustainable development and Malaysian Local Governments are chosen as the title of this book to emphasize the related issues and in a hope to adresss generations to come.

Abbreviation

CIDA Canadian International Development Agency

GBI Green Building Index

LA21 Local Agenda 21

LASD Local Authorities for Sustainable Development

MHLG Ministry of Housing and Local Governments

OECD Organisation for Economic Co-operation and

Development

RM Ringgit Malaysia

SD Sustainable Development

SPSS Statistical Package for Social Sciences

UNDP United Nations Development Programme

UNESCAP United Nations Economic and Social Commission

for Asia and the Pacific

UN United Nations

UNEP United Nations Environment Programme

UK United Kigdom

In a few decades, the relationship between the environment, resources and conflict may seem almost as obvious as the connection we see today between human rights, democracy and peace - Wangari Maathai (1940 - 2011), environmental activist, first African woman to receive the Nobel Peace Prize in 2004

INTRODUCTION

1.1 Introduction

This chapter presents the sustainable development concept, knowledge transfer practices' definition and the introduction of Malaysian Local Governments. It introduces a brief introduction for this book. The discussion is on the definition surrounding the area upon which this book is based. It begins with a brief discussion of the surrounding topic area and the associated perspectives.

1.2 Sustainable Development

Bruntland's definition of sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs. Accordingly, when it comes to management-related activities, an international approach to achieving sustainable consumption patterns are

The future belongs to those who prepare for it today - Malcolm X

SUSTAINABLE DEVELOPMENT

2.1 Introduction

This chapter discusses the views of the literature relevant to sustainable development. It explores the matter related to sustainable development, knowledge transfer practices and Local Governments. It begins with a brief discussion of standpoint surrounding the associated ideas of sustainable development and from various perspectives. Accordingly, this chapter presents the sustainable development concept and definition and further discussion in relation to knowledge transfer practices at the Local Governments.

2.2 Sustainable Development

Since the 1992 Earth Summit in Rio, when Agenda 21 was formulated as the international blueprint for sustainable development, all sectors of society have been in the process

"Knowledge can mean information, awareness, knowing, cognition, sapience, cognizance, science, experience, skill, insight, competence, know-how, practical ability, capability, learning, wisdom, certainty, and so on. The definition depends on the context in which the term is used."

-Karl-Erik Sveiby, The New Organizational Wealth

KNOWLEDGE TRANSFER PRACTICES

3.1 Introduction

This chapter discusses the views of the literature with regards to knowledge transfer practices. The discussion is on the consideration surrounding the area upon which this book is based. It begins with a brief discussion on knowledge transfer practices and the associated perspectives. Accordingly, this chapter disclose the knowledge transfer practices' definition and further discussion in relation to Local Governments' practices towards sustainable development.

3.2 Knowledge Transfer

Knowledge transfer is important and that the value of an organisation does not only depend on the material assets anisation for example buildings and equipment. It should be the knowledge

If we knew what it was we were doing, it would not be called research, would it?

Albert Einstein

THE SIGNIFICANCE OF KNOWLEDGE TRANSFER PRACTICES TOWARDS SUSTAINABLE DEVELOPMENT AT MALAYSIAN LOCAL GOVERNMENTS

4.1 Introduction

This chapter discusses the views of the literature with regards to knowledge transfer practices towards sustainable development at Malaysian Local Governments. The discussion is on the consideration surrounding the topic which this book is based on. It begins with a brief discussion of standpoint surrounding the topic and associated issues from selected perspectives. Accordingly, this chapter disclose the knowledge transfer practices in relation to Local Governments' practices towards sustainable development.

Good governance has 8 major characteristics. It is participatory, consensus oriented, accountable, transparent, responsive, effective and efficient, equitable and inclusive and follows the rule of law. It assures that corruption is minimized, the views of minorities are taken into account and that the voices of the most vulnerable in society are heard in decision-making. It is also responsive to the present and future needs of society.

United Nations Social and Economic Commission for Asia and the Pacific

THEORITICAL CONCEPT OF KNOWLEDGE TRANSFER PRACTICES TOWARDS SUSTAINABLE DEVELOPMENT FOR MALAYSIAN LOCAL GOVERNMENTS

5.1 Introduction

This chapter discusses the views of the literature with regards to knowledge transfer towards sustainable development at Malaysian Local Governments. The discussion is on the consideration topic upon which this book is based on. Accordingly, this chapter disclose the knowledge on Malaysian Local Governments and its relationship with the practices towards sustainable development.

Knowledge exists potentially in the human soul like the seed in the soil; by learning the potential becomes actual.

Al Ghazali

CONCLUSION

6.1 Introduction

This chapter explains the development of framework for this book and consequently to conclude this book. This chapter outlines several sections which explain the whole topic of this book. Subsequently, highlights the main topic of this book and the recommendations for future research. To address these, Chapter 2 and 3 discussed the process of framework development and Chapter 4 and 5 discussed the overall literature review. This chapter is designed as an opportunity to address the objectives of this book.

Bibliography

- A Manaf, H. (2012). The Influence of Knowledge Sharing On Performance among Malaysian Public Sector Managers and the Moderating Role of Individual Personality. University of Hull. Available at: https://hydra.hull.ac.uk/catalog/hull:6378.
- A Rahman, H., Abdullah, A.A. & Zakaria, H. (2011). Planning Process of Development Project in the Malaysian Context: A Crucial Brief Overview. , 1(2), pp.74–81.
- Abdul Rashid, A. (2013). The MURNInets. In *43rd Annual Conference of the Urban Affairs Association (UAA)*. San Francisco California, United Stateerica.
- Abdullah, F., Mohamed, S, Shuhana et al. (2009). Provision of Barrier-Free Environment at Waterfront Development in Malaysia. In *International Conference on Universal Design in the Built Environment, "Musawah: Sharing the World."* KL: Kulliyyah of Architecture & Environmental Design, IIUM.
- Adams, W.M. (2007). Green Development Theory? Environmentalism and Sustainable Development. In *Power of Development*. pp. 87–99.
- Adams, W.M. (2012). The Future of Sustainability: Re-thinking Environment and Development in the Twenty-First Century. In *Sustainability*. pp. 71–78.
- Adeloye, M. (2011). The Implication of Global Economic Recession on Sustainable Housing in Lagos Megacity. *International Buiness*, 4, pp167–175.

- Ahmd, R. (2002). Forging as Sustainable Development Model: The Malaysian Wway. *Development*, 45, pp.74–79.
- Alavi, M. & Leidner, D.E. (1999). Knowledge management systems: issues, challenges, and benefits. *Communications of the AIS*, 1(2es), p.1.
- Alipour, F., Idris, K. & Karimi, R. (2011). Knowledge Creation and Transfer: Role of Learning Organization. *International Journal of Business Administration*, 2, pp.61–67.
- Almazan, R.S. et al. (2011). Local Government Websites: Cases Of Innovation And Best Practices In Mexico. In *ACM International Conference Proceeding Series*. pp. 349–350.
- Amundsen, E.S. & Asheim, G. (1991). The Notion of Sustainable Development. *Environmental Economics*, pp.10–14.
- Atan, R. et al. (2010). Financial Performance of Malaysian Local Authorities: A Trend Analysis. In *Science and Social Research (CSSR), 2010 International Conference on.* pp. 271–276.
- Atkinson, D. (2002). Local Government, Local Governance and Sustainable Development Getting the Parameters Right Free download from www.hsrcpress.ac.za.
- Awang, A.H., Hussain, M.Y. & Malek, J.A. (2008). Promoting Knowledge Transfer in Science and Technology: A Case Study of Technology Park Malaysia (TPM). *Croatian Economic Survey*, pp.95–113.
- Bacot, H., McCoy, B. & Plagman-Galvin, J. (2002). Municipal commercial recycling Barriers to success. *American Rf Public Administration*, 32, pp.145–165.
- Bajo, M.T. et al. (2001). Comprehension and memory processes in translation and interpreting. *Quaderns Revista de traducci*, 6, pp.27–31.
- Baker, S. (2009). In Pursuit of Sustainable Development: A

- Governance Perspective. In 8th International Conference of y, P.C., 2000. What is knowledge management?, pp.1–10.
- Barrutia, J., Aguado, I. & Echebarria, C.(2007). Networking for Local Agenda 21 implementation: Learning from experiences with Udaltalde and Udalsarea in the Basque autonomous community. *Geoforum*, 38, pp.33–48.
- Bender, S. & Fish, A. (2000). The Transfer Of Knowledge and The Retention of Expertise: The Continuing Need for Global Assignments. *Journal of Knowledge Management*, 4, p.125.
- Berkes, F. (2009). Evolution of co-management: role of knowledge generation, bridging organizations and social learning. *Journal of environmental management*, 90(5), pp.1692–1702.
- Berkhout, F. et al. (2010). Sustainability experiments in Asia: innovations shaping alternative developmeestigating Local Knowledge: New Directions, New Approaches,
- Bourdeau, L. (1999). Sustainable development and the future of construction: a comparison of visions from various countries. *Building Research and Information*, 27, pp.355–367.
- Boyd, S.F. (2001). Sustainable Communities and the Future of Community Movements. *National Civic Review*, 90(4), p.385. Available at: http://search.ebscohost.1997. *Evaluation of the built environment for sustainability*,
- Bratianu, C. (2010). A critical analysis of the Nonaka's model of knowledge dmics. *Proceedings of the 2nd European Conference on Knowledge ...*, 8, pp.193–200.
- Bueren, E. Van & Heuvelhof, E. Ten. (2005). Improving governance arrangempport of sustainable cities. *Environment and Planning B Planning and Design*, 32, pp.47–66.

- Bulkeley, H. (2010). Urban sustainability: learning from best practice? *Environment and Planning Part A*, 38, pp.1029–1044.
- Burwell, D. (2008). Sustainable Automobile Transport: Shaping Climatge Policy. *Journal of the American Planning Association*, 74, p.2p.
- Buys, L. et al. (2005). Smart housing and social sustainability: Learning from the residents of Queensland's Research House. *Australian Journal of Emerging Technologies and Society*, 3, pp.43–57.
- CAGIN, (2001). Sustainable Penang Initiative, Penang.
- Chan, N.W. (2012). Managing Urban Rivers and Water Quality in Malaysia for Sustainable Water Resources. *International Journal of Water Resources Development*, 28, pp.343–354.
- Chatelain-ponroy, S. (2012). The sustainable development reporting: a new organizational practice in higher education institutions? 28th EGOS Colloquium July 5–7 2012 Submission to subtheme 57 Designing Organizational Control Paths and Stakes of a PracticeBased Perspective, pp.1–21.
- Chung, S.-S. & Lo, C.W.-H. (2007). The roles of grassroots local government in sustainable waste management in China. *International Journal of Sustainable Development World Ecology*, 14, pp.133–144.
- Courtney, R. (1999). CIB Agenda 21 and the building research community. *Building Research Information*, 27, pp.373–377.
- Crabtree, L. & Hes, D. (2009). Sustainability Uptake in Housing in Metropolitan Australia: An Institutional Problem, Not a Technological One. *Housing Studies*, 24, pp.203–224.
- Creswell, J.W. (2003). Chapter One, "A Framework for Design." Research delitative quantitative and mixed methods

- approaches.
- Cushman, M. et al. (2002). Understanding sustainability as knowledge practice. In *British Academy of Management Conference 2002 Knowledge and Learning Track*. Available at: www.emeraldinsight. com/10.1108/01409170610690862.
- Dale, A. & Newman, L. (2005). Sustainable development, education and literacy. *International Journastainability in Higher Education*, 6, pp.351–362.
- Daniilidis, C.I. et al. (2010). A systematic approach to design a knowledge transfer framework for process improvement projects. *Industrial Engineering and Engineering Management IEEM 2010 IEEE International Conference on*, pp.183–187.
- Dasgupta, S. & Tam, E.K.L. (2005). Indicators and framework for assessing sustainable infrastructure. *Canadian Journal of Civil Engineering*, 32, pp.30–44.
- DNFF. (2012). Draft National Policy Planning Framework 2011. Available at: http://www.communities.gov.uk/documents/planningandbuilding/pdf/1951811.pdf.
- Dola, K. & Mijan, D. (2006). Public Participation in Planning for Sustainable Development: Operational Questions and Issues., 1(1), pp.1–8.
- Donate, M.J. & Guadamillas, F. (2010). The Effect of Organizational Culture on Knowledge Management Practices and Innovation. *Knowledge and Process Management*, 17, pp.82–94.
- Drexhage, J. & Murphy, D. (2012). Sustainable Development: From Brundtland to Rio 2012. *New York*, p.26.
- Elias, A.A. et al. (2004). Analyzing Stakeholder Dynamics in Environmental Conflict: A New Zealand Transport Infrastructure Project. *Proceedings of the 22nd International*

- Conference of the System Dynamics Society.
- Endut, A.F., Mustapa, S.I. & Peng, L.Y. (2011). Role of knowledge institution in achieving sustainable development: UNITEN experience. In 15th International Conference on ISO & TQM (15-ICIT), 26--28 July.
- Evans, B.O.B. & Theobald, K. (2003). POLICY AND PRACTICE LASALA: Evaluating Local Agenda 21 in Europe. *Journal of Environmental Planning and Management*, 46(September), pp.781–794. Available at: http://www.tandfonline.com/doi/abs/10.1080/0964056032000138481.
- Fowler, K. (2012). Triple Bottom Line Assessment: Practical Tools for Local Government. In *PROCEEDINGS OF THE RESILIENT CITIES 2012 CONGRESS*.
- Funaki, K. & Adams, L. (2010). Chapter 16 Japanese Experience with Efforts at the Community Level Toward a Sustainable Economy: Accelerating Collaboration Between Local and Central Governments. In *Sustainable Communities*. pp. 243–261.
- Gao, H.G.H. & Feng, Q.F.Q. (2010). Some thoughts on sustainable transport management. *Advanced Management Science ICAMS 2010 IEEE International Conference on*, 3.
- Gibson, R.B. (2005). Governance for sustainable development: moving from theory to practice René Kemp * and Saeed Parto. *Alternatives Journal*, 8, pp.12–30.
- Giuliani, E. (2008). Multinational Corporations and Patterns of Local Knowledge Transfer in Costa Rican High-Tech Industries. *Development and Change*, 39, pp.385–407.
- Goh, (2002). Managing effective knowledge transfer: an integrative framework and some practice implications. *Journal of Knowledge Management*, 6, pp.23–30.
- Greene, D.L. & Wegener, M. (1997). Sustainable transport. *Journal of Transport Geography*, 5, pp.177–190.

- Greenwood, R. & Stewart, J.D. (1986). The Institutional and Organizational Capabilities of Local Government. *Public Administration*, 64, pp.35–51.
- Griffith, T.L. & Sawyer, J.E. (2006). Supporting technologies and organizational practices for the transfer of knowledge in virtual environments. *Group Decision and Negotiation*, 15, pp.407–423.
- Guo, H. & Suo, Z. (2011). Structural model of the capability of enterprises sustainable development. *MSIE 2011*, pp.962–965.
- Haet al. (2009). Influencing factors on sustainable development: a case study in Quang Tri province, Vietnam. *Environment, Development and Sustainability*, 12(1), pp.103–116. Available at: http://link.springer.com/10.1007/s10668-008-9183-y [Accessed September 5, 2013].
- Han, S.S. (2010). Managing motorization in sustainable transport planning: the Singapore experience. *Journal of Transport Geography*, 18, pp.314–321.
- Handzic, M., Lagumdzija, A. & Celjo, A. (2009). Knowledge Management Technology in Local Government. *IGI Global*, pp.2373–2379.
- Hartley, J., Butler, M.J.R. & Benington, J. (2002). Local government modernisation: UK and comparative analysis from an organizational perspective. *Public Management Review*, 4, pp.387–404.
- Hawkins, C. V & Wang, X. (2011). Sustainable Development Governance: Citizen Participation and Support Networks in Local Sustainability Initiatives. *Public Works Management Policy*, 17, pp.7–29.
- Hester, A. (2008). Innovating with Organizational Wikis: Factors Facilitating Adoption and Diffusion of an Effective Collaborative Knowledge Management System. *Knowledge*

- Creation Diffusion Utilization, pp.161–163.
- Hezri, A.A. (2004). Sustainability indicator system and policy processes in Malaysia: a framework for utilisation and learning. *Journal of Environmental Management*, 73, pp.357–371.
- Hopwood, B., Mellor, M. & O'Brien, G. (2005). Sustainable development: mapping different approaches. *Sustainable development*, 13(1), pp.38–52.
- Hsu, T.P. (2003). The level of sustainability (LOS) for urban transport. In *Sustainable World Volume 6*. pp. 741–750.
- Husin, A.R. (2006). *Malaysia 's Economic Development with emphasis on Public-Private Collaboration*,
- Hussai, A.A. (2006). Administrative Modernization in the Malaysian Local Government: A Study in Promoting Efficiency, Effectiveness and Productivity., 14(1), pp.51–62.
- Hwang, B.-G. & Tan, J.S. (2012). Green Building Project Management: Obstacles and Solutions for Sustainable Development, 20, pp.335–349.
- Idris, N.H. & Ismail, Z. (2011). Framework policy for sustainable construction in Malaysia. 2011 IEEE Symposium on Business Engineering and Industrial Applications ISBEIA, pp.441–446.
- Ighalo, B.I.J.I. (2012). Sustainable Housing Development As A Panacea To Sustainable Environmental Management In Developing Countries. In *The Global Chinese Real Estate Congress GCREC 2012 Annual Conference*. pp. 1093–1100.
- IIED. (2001). Sustainable Penang Initiative. Available at:http://www.iied.org/pubs/display. php?l=10&n=10&o=9140IIED&s=LA21).
- Jacobs, a J. (2004). Federations of Municipalities: A Practical

- Alternative to Local Government Consolidations in Japan? *Governance*, 17, pp.247–274.
- Jasimuddin, S., Connell, N.A.D. & Klein, J.H. (2010). Knowledge transfer frameworks: an extension incorporating knowledge repositories and knowledge administration. *Information Systems Journal*, 22, pp.195–209.
- Jasimuddin, S.M., Connell, N.A.D. & Klein, J.H. (2006). What Motivates Organisational Knowledge Transfer? Some Lessons from a UK-Based Multinational. *Journal of Information KnowledgenagementVol5*, 5, pp.165–171.
- Jeffery, C. (2006). Devolution and Local Government. *Publius The Journal of Federalism*, 36, pp.57–73.
- Jie, S.J.S. (2010). The sustainable development of highway transport in China. *Infrastructure Systems and Services*Next Generation Infrastructure Systems for EcoCities

 INFRA 2010 Third International Conference on, pp.1–4.
- Johar, F. (2004). Managing Sustainable Development Through Planning Conditions. *al Alam Bina*, 6(2), p.12.
- Ju, S., Jang, S.O. & Yoo, T. (2011). Major concepts and perspective of sustainability in housing content area: comparison of Home Economics textbooks of Korea and Japan. *International Journal of Consumer Studies*, 35, pp.578–588.
- Juwana, I., Perera, B.J.C. & Muttil, N. (2009). Conceptual framework for the development of West Java water sustainability index. *Environmental Protection*, 62, pp.3343–3349.
- Kamara, J.M., Anumba, C.J. & Carrillo, P.M. (2002). A CLEVER approach to selecting a knowledge management strategy. *International Journal of Project Management*, 20, pp.205–211.
- Kibert, C.J. (2007). The next generation of sustainable construction. *Building Research Information*, 35, pp.595–601.

- Kibert, C.J., Sendzimir, J. & Guy, B. (2000). Construction ecology and metabolism: natural system analogues for a sustainable built environment. *Construction Management and Economics*, 18, pp.903–916.
- Kizilaslan, N., Gürler, A.Z. & Kizilaslan, H. (2007). An Analytical Approach to Sustainable Development in Turkey. *Sustainable Development*, 266, pp.254–266.
- Lafferty, W. (2001). Local Agenda 21: The pursuit of sustainable development in subnational domains. In *How Green is the City Sustainability Assessment and the Management of Urban Environments*. pp. 63–84.
- Laffin, M. (2008). Local government modernisation in England: a critical review of the LGMA evaluation studies. *Local Government Studies*, 32, pp.109–125.
- LASD, L.A.S.D. (1997). Sustainable Development for Local Authorities Approaches, Experiences and Soureyond knowledge management,
- Leroux, K. & Carr, J.B. (2007). Explaining Local Government Cooperation on Public Works. *Public Works Management Policy*, 12, pp.344–358.
- Li, Q. (2011). The combination of Human Resource Management and Knowledge Management in E-commerce environment. 2011 2nd International Conference on Artificial Intelligence Management Science and Electronic Commerce AIMSE32–6435.
- Liyanage, C. et al. (2009). Knowledge communication and translation: A knowledge transfer model. *Journal of Knowledge Management*, 13, pp.118–131.
- Loraine, J.A. (1982). Population, environment, medicine and global sustainability. *Ecology of disease*, 1, pp.167–175.
- Low, S.P., Liu, J.Y. & Wu, P. (2009). Sustainable facilities: Institutional compliance and the Sino-Singapore Tianjin

- Eco-city Project. Facilities, 27, pp.368–386.
- Lu, B., Yue, L. & Liao, X.W. (2006). Model research on tacit knowledge transfer of an organization by its external learning. *Xitong Gongcheng Lilun yu ShijianSystem Engineering Theory and Practice*, 26, pp.35–43.
- M Osman, M., S A Rashid, S.N. & Ahmad, N. (2008). No Title. In pp. 1–11.
- Magara, E.A., Bukirwa, J.B. & Kayiki, R.C. (2011). Knowledge transfer through internship: The EASLIS experience in strengthening the governance decentralisation programme in Uganda. *African Journal of Library Archives and Information Science*, 21, pp.29–40.
- Mäler, K.-G. (2008). Sustainable Development and Resilience in Ecosystems. *Environmental and Resource Economics*, 39, pp.17–24.
- Mbeng, L., Phillips, P. & Fairweather, R. (2010). Developing sustainable waste management practice: application of Q methodology to construct new strategy component in Limbe Cameroon. *Waste Management*, pp.27–36.
- McLaren, D. (1998). Overcoming the Barriers to Effective National Sustainable Development Strategies: the role of environmental space analysis. *Local Environment*, 3, p.363.
- Meadowcroft, J. (2000). Sustainable Development: a New(ish) Idea for a New Century? *Political Studies*, 48, pp.370–387.
- Meadowcroft, J. (2009). What about the politics? Sustainable development, transition management, and long term energy transitions. *Policy Sciences*, 42, pp.323–340.
- Mei, Y., Wang, Z. & Cao, Z. (2011). Performance evaluation model of knowledge transfer. In 2011 2nd International Conference on Artificial Intelligence Management Science and Electronic Commerce AIMSEC 2011 Proceedings. pp.

5677-5681.

- Metaxiotis, K. & Ergazakis, K. (2008). Exploring stakeholder knowledge partnerships in a knowledge city: a conceptual model. *Journal of Knowledge Management*, 12, pp.137–150.
- MHLG. (2013). Local Governments Definition. *Ministry of Housing & Local Government, Malaysia*, pp.http://www2.epbt.gov.my/portal/?rid=review&id=21. Available at: http://www2.epbt.gov.my/portal/?rid=review&id=21.
- Milutinovic, S. (2010). Local sustainable development planning in Serbia: Achievements so far and future challenges. *Thermal Science*, 14, pp.579–592.
- Mohamed, S, Seow, T.W & Goh, K.C. (2013). The Management of Sustainable Development: Malaysian Local Government's Role. Persidangan Kebangsaan Masyarakat, Ruang dan Alam Sekitar (MATRA 2013), 26-27 October 2013, Hotel Eastin, Pulau Pinang.
- Moore, F.C. (2011). Toppling the Tripod: Sustainable Development, Constructive Ambiguity, and the Environmental Challenge. Consilience The Journal of Sustainable Development, 5, pp.141–150.
- Nathan, H.S.. & Sudhakara, R.B. (2012). Towards a conceptual framework for development of sustainable development indicators for an urban setup. *International Journal of Sustainable Development*, 15, pp.187–205.
- Ndlela, M.N. (2010). Knowledge Management in the Public Sector: Communication Issues and Challenges at Local Government Level. *Proceedings of the 11th European Conference on Knowledge Management Vols 1 and 2*, pp.711–716.
- Newell, G. & Manaf, Z. (2008). The Significance of Sustainability Practices by the Malaysian Property Sector. *Local Economy*,

- 23, pp.152–167.
- Nonaka, I. (1994). A Dynamic Theory of Organizational Knowledge Creation. *Organization Science*, 5, pp.14–37.
- Nonaka, I. (1997). Nonaka 's Four Modes of Knowledge Conversion. *Organization*, 5, pp.14–37.
- Norhaidah, S. & Idros, S. (2005). Exploring Environmental Behaviours, Attitudes and Knowledge among university students: Positioning the Concept of Sustainable Development within. *JOURNAL OF SCIENCE AND MATHEMATICS EDUCATION IN SE ASIA Vol.*, 29, pp.79–97.
- OECD. (2011). State of Penang. Malaysia.
- OECD. (2001). Sustainable development: critical issues. *OECD Observer*, pp.1–8.
- OECD, S.S.D. (2007). Institutionalising Sustainable Development. *Sustainable Development*, 44, pp.135–141.
- Olsson, J. (2009). Sustainable development from below: institutionalising a global idea-complex. *Local Environment*, 14, pp.127–138.
- Omar, D.B. (2008). Planning Principles and Control Mechis New Town Development in Malaysia., (c), pp.139–144.
- Omar, D.B., Ling, O. & Leh, H. (1990). Malaysian Development Planning System: Kuala Lumpur Structure Plan and Public Participation., 5(3), pp.30–36.
- Osterloh, M. & Frey, B.S. (2007). Motivation, Knowledge Transfer, and Organizational Forms., 11(5), pp.538–550.
- Pamme, H. (2005). Local sustainability by organizational learning? Organizational sociology recommends modesty. Kommunale nachhaltigkeit durch organisationslernen Ein plädoyer für bescheidenheit, 14, pp.57–65.

- Pea, R.D. (1987). Socializing the knowledge transfer problem. *International Journal of Educational Research*, 11(6), pp.639–663. Available at: http://www.sciencedirect. com/science/article/B6VDF-468DT4D-7/2/da1c7927b0cbb71875691b9366264dee.
- Phang, S.N. (2008). Transforming Local Government In Malaysia: Implications For Centralization And Democratization. Journal oainable Development in Greater Kansas City,
- Du Plessis, C. (2007). A strategic framework for sustainable construction in developing countries. *Construction Management and Economics*, 25, pp.67–76.
- Du Plessis, C. (2005). Action for sustainability: preparing an African plan for sustainable building and construction. *Building Research Information*, 33, pp.405–415.
- Potbhare, V., Syal, M. & Korkmaz, S. (2009). Adoption of Green Building Guidelines in Developing Countries Based on U.S. and India Experiences. *Journal of Green Building*, 4, pp.158–174.
- Qin, Q. & Yang, L. (2008). Knowledge transfer model of integrated system Take ERP implementation for example. In *Proceedings of 2008 IEEE International Conference on Service Operations and Logistics and Informatics IEEESOLI* 2008. pp. 797–800.
- Rashid, Y.R. et al. (2011). Greening government's office buildings: PWD Malaysia experiences. *Procedia Engineering2011 International Conference on Green Buildings and Sustainable Cities*, 21, pp.1056–1060.
- Rashman, L., Downe, J. & Hartley, J. (2005). Knowledge creation and transfer in the beacon scheme: Improving services through sharing good practice. *Local Government Studies*, 31, pp.683–700.
- Razali, M.N. & Juanil, D.M. (2011). A study on knowledge

BIBLIOGRAPHY

- management implementation in property management companies in Malaysia. *Facilities*, 29, pp.368–390.
- Reagans, R. & McEvily, B. (2003). Network structure and knowledge transfer: The effects of cohesion and range. *Administrative science quarterly*, 48(2), pp.240–267.
- Redclift, M. (2005). Sustainable development (1987--2005): an oxymoron comes of age. *Sustainable development*, 13(4), pp.212–227.
- Reid, L.A. & Houston, D. (2013). Low Carbon Housing: A "Green" Wolf in Sheep's Clothing? *Housing Studies*, 28, pp.37–41.
- Richards, F.E., Hons, B.A. & Cook, J. (2010). The role of local government in the production and distribution of knowledge within Australian regional tourism systems.
- Rid, W. & Profeta, A. (2011). Stated Preferences for Sustainable Housing Development in Germany--A Latent Class Analysis. *Journal of Planning Education and Research*, 31, pp.26–46.
- Riege, A. & Lindsay, N. (2006). Knowledge management in the public sector: stakeholder partnerships in the public policy development. *Journal of Knowledge Management*, 10, pp.24–39.
- Ross, A. (2006). Sustainable development in Scotland post devolution. *Environmental Law Review*, 8, pp.6–32.
- Rowe, J. (2000). The Local Agenda 21 Issue Commission in Bath and North-East Somerset: review of a community consultation exercise towards sustainability. *Local Government Studies*, 26(2), pp.71–92.
- Ruhanen, L. (2008). Progressing the Sustainability Debate: A Knowledge Management Approach to Sustainable Tourism Planning. *Current Issues in Tourism*, 11, pp.429–455.
- Rydin, Y., Holman, N. & Wolff, E. (2003). Local sustainability

- indicators. Local Environment, 8, pp.581–589.
- Saha, D. (2009). Empirical research on local government sustainability efforts in the USA: gaps in the current literature. *Local Environment*, 14, pp.17–30.
- Saha, D. & Paterson, R.G. (2008). Local Government Efforts to Promote the "Three Es" of Sustainable Development: Survey in Medium to Large Cities in the United States. *Journal of Planning Education and Research*, 28, pp.21–37.
- Scottish Executive, U. (2006). Sustainable Development: A Review of International Literature. *Social Research*, 25, pp.576–580.
- Segger, M.-C.C. (2004). Significant developments in sustainable development law and governance: A proposal. *Natural Resources Forum*, 28(1), pp.61–74. Available at: http://doi.wiley.com/10.1111/j.0165-0203.2004.00072.x.
- Seow, T.W. (2012). New perspective of integrated solid waste management in Malaysia. In *International Conference on Human Habitat and Environmental in Malay World*. UKM, Bangi.
- Shafie, S.M. et al. (2011). Current energy usage and sustainable energy in Malaysia: A review. *Renewable and Sustainable Energy Reviews*, 15, pp.4370–4377.
- Shafii, F. (2006). Achieving Sustainable Construction in the Developing Countries of Southeast Asia., (September 2002), pp.5–6.
- Shafii, F., Ali, Z.A. & Othman, M.Z. (2006). Achieving sustainable construction in the developing countries of Southeast Asia. In *Proceedings of the 6th AsiaPacific Structural Enge* construction in the developing countries of southeast Asia.
- Shafii, F. & Othman, M.Z. (2007). Sustainable Building in the Malaysian Context. *Building*, pp.601–606.

- Shelbourn, M.A. et al. (2006). Managing Knowledge in the Context of Sustainable Construction. *Journal of Information Technology in Construction ITcon*, 11, pp.57–71.
- Singaravelloo, K. (2010). PPP: The Right Marriage between Local Government and the Private Sector in Malaysia?, 2, pp.142–166.
- Sjostrom, C. & Bakens, W.(1999). CIB Agenda 21 for sustainable construction: why, how and what. *Building Research Information*, 27, pp.347–353.
- Smith, C., Clayden, A. & Dunnett, N. (2008). Putting Residential Development in a Sustainable Context. In *Residential Landscape Sustainability*. pp. 1–28.
- Smits, S. & Butterworth, J. (2006). Integrated Water Resources Management and Knowledge Transfer. In *Integrating Science and Technology into Development Policies An International Perspective*. pp. 131–137.
- Stoner, P. (2009). Sustainable Cities as Communities and Villages. In *Sustainable Communities*. pp. 45–55.
- Streib, G.D. & Willoughby, K.G. (2005). Local governments as e-governments: Meeting the implementation challenge. *Public Administration Quarterly*, 29, pp.77–109.
- Tàbara, J.D. & Pahl-wostl, C. (2007). Sustainability Learning in Natural Resource Use and Management. *Ecology And Society*, 12, p.3.
- Taib, M.S. & Siong, H.C. (2008). PLANNING SYSTEM IN MALAYSIA. Seminar of Sustainable development and Governance (TUT-UTM).
- Tatari, O. & Kucukvar, M. (2012). Sustainabilityssessment of U. S. Construction Sectors: Ecosystems Perspective., (August), pp.918–922.
- Tavares, M. et al. (2007). Knowledge management process in the

- local government. Communication, pp.182–188.
- Thomson, C.S., El-Haram, M.A. & Hardcastle, C. (2009). Managing knowledge of urban sustainability assessment. *Proceedings of the Institution of Civil EngineersEngineering Sustainability*, 162, pp.35–43.
- Tovey, H. (2009). Sustainability: A Platform for Debate. *Sustainability*, 1, pp.14–18.
- Trauth, E.M. (2012). Barriers to Knowledge Acquisition, Transfer and Management in Regional Knowledge Economy Development. 2012 45th Hawaii International Conference on System Science0, pp.3612–3621.
- Ubale, M.Y., Martin, D. & Wee, S.T. (2012). The Current Practices of Sustainable Housing Development Mechanisms. In *2nd International Conference on Management*. Kedaro.
- Upadhyay, N. & Brinkmann, R. (2010). Green local governments in Florida: Assessment of sustainability performance. *Sustainability Science Practice and Policy*, 6, pp.18–27.
- Vagnoni, E. & Bracci, E.(1998). never-ending spiral of tacit and explicit knowledge.
- Vogler, J., 2008. The crisis of global governance: towards a new political economy of sustainability. *Environmental Politics*, 18, pp.453–454.
- Volet, S., (1999). Learning across cultures: appropriateness of knowledge transfer. *International Journal of Educational Research*, 31(7), pp.625–643. Availableat: http://linkinghub.elsevier.com/retrieve/pii/S0883035599000282.
- Wang, Y. (2008). Knowledge transfer and management strategy within the context of integrated design & process. In *Proceedings Of 2008 International Conference On System Management*. pp. 3–7.
- Waters, D.J. (2004). Building on success, forging new ground: the

- question of sustainability. First Monday, 9.
- Watt, P.A. (2006). The Future Of Local Principles And Theories Of Local Government. *Economic Affairs*.
- Weng, C.N. (2005). Sustainable management of rivers in Malaysia: Involving all stakeholders. *International Journal of River Basin Management*, 3, pp.147–162.
- Wild River, S. (2005). Enhancing the Sustainability Efforts of Local Governments. *International Journal of Innovation and Sustainable Development*, 1, pp.46–64.
- Wolman, H. & Page, E. (2002). Policy transfer among local governments: An information--theory approach. *Governance*, 15(4), pp.501–577.
- Wong, J. (2011). Creating a Sustainable Living Environment for Public Housing in Singapore. In *Climate Change and Sustainable Urban Development in Africa and Asia SE 7*. pp. 117–128.
- Ya A. et al. (2007). Computerised Planning Approval System For A Local Authority In Malaysia. *10th International Conference on Computers in Urban Planning and Urban Management*, p.15. Available at: eprints.utm.my/4273/1/YaakubAhris2007_computers_in_urban_planning.pdf.
- Yahya, S. & Goh, W.-K. (2002). Managing human resources toward achieving knowledge management. *Journal of Knowledge Management*, 6, pp.457–468.
- Yakhlef, A. (2007). Knowledge transfer as the transformation of context. *The Journal of High Technology Management Research*, 18, pp.43–57.
- Yang, Z., Liuyanping & Jie, T. (2008). Research on the Choice of Knowledge Transfer Models in Strategic Alliance. In R. Chi, ed. *Proceedings Of 2008 International Conference On Risk And Reliability Management Vols I And Ii (Pp. 476–480)*. Universe Academic Press Toronto., pp. 476–480.

- Yuan, M. & Yang, J. (2009). A Knowledge Management Framework to Promote Infrastructure Project Sustainability. In Criocm2009 International Symposium On Advancement Of Construction Management And Real Estate Vols 16. pp. 2480–2486.
- Zainul, A.N. (2010). Investigating the Awareness and Application of Sustainable Construction Concept by Malaysian Developers. *Habitat International*, 34, pp.421–426.
- Zainul, A.N. (2009). Sustainable Construction in Malaysia Developers ' Awareness. World Academy of Science, Engineering and Technology, pp.807–814.
- Zakaria, R. & Yang, J. (2004). Smart And Sustainable Inhabitation In Residential-Industrial Neighbourhood. 2004 IEEE International Engineering Management Conference IEEE Cat No04CH37574, 1, pp.209–213.
- Zeemering, E.S. (2009). What Does Sustainability Mean to City Officials? *Urban Affairs Review*, 45, pp.247–273.
- Van Zeijl-Rozema, A. et al. (2008). Governance for sustainable development: a framework. *Sustainable Development*, 16, pp.410–421.
- Zimmermann, M. (2007). Local Governments and Sustainable Development. *Environmental Policy Law*, 37, pp.504–506.
- Zyngier, S. & Venkitachalam, K. (2011). Knowledge Management Governance - A Strategic Driver. Knowledge Management Research Practice. *Knowledge Management Research Practice*, 9, pp.136–150.