

**PERSONAL DATA**

1. Name : SR DR. TAN LIAT CHOON
2. I.C. Number :
3. Date of Birth : 28th January 1972
4. Place of Birth : Pulau Pinang
5. Sex : Male
6. Nationality : Malaysia
7. Name of Current Employer :
Universiti Teknologi Malaysia (UTM)
Faculty of Geoinformation and Real Estate
Department of Geoinformation
(Since 30th April 2014 as a Senior Lecturer)
8. Mailing Address (Home) :
A-3-08, Blok A, Pangsapuri Impian Senai (The Senai Garden), Jalan Impian Senai Utama, Taman Impian Senai, 81400, Senai, Johor
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Universiti Teknologi Malaysia
Faculty of Geoinformation and Real Estate
Department of Geoinformation
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11. Title of Position Held : Senior Lecturer (DS51)
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WORKING EXPERIENCE

2003 - 2012 Ministry of Natural Resources and Environment (NRE)
 Malaysian Center for Geospatial Data Infrastructure
 (MaCGDI)

2012 - 2014 Department of Survey and Mapping Malaysia (JUPEM)
 Database Section

ACCOLADE

Name of Award: Excellent Service Award
Year: 2012
Award by: Department of Survey and Mapping Malaysia (JUPEM)

Name of Award: Excellent Service Award
Year: 2006
Award by: Ministry of Natural Resources and Environment (NRE)

LANGUAGE PROFICIENCY

Languages Spoken: Bahasa Melayu, English, Mandarin, Cantonese, Hokkien,
 Teow Chew, Hakka

Languages Written: Bahasa Melayu, English, Mandarin

EDUCATIONAL QUALIFICATIONS

1. Doctorate: Doctoral of Philosophy (Ph.D)
Field : Land Administration and Development
Year : 2008 to 2013 (Full Pass)
Name and
Place of Universiti Teknologi Malaysia (UTM)
University : 81310, Skudai, Johor, Malaysia

2. Master : Master of Science (M.Sc.)
Field : Land Administration and Development
Year : 2000 to 2002 (3.02)
Name and
Place of Universiti Teknologi Malaysia (UTM)
University : 81310, Skudai, Johor, Malaysia

3. Degree : Bachelor of Land (Survey) (Hons.)
Field : Land Surveying
Year : 1996 to 1999 (3.17)
Name and
Place of Universiti Teknologi Malaysia (UTM)
University : 81310, Skudai, Johor, Malaysia

4. Diploma : Diploma in Land (Survey)
Field : Land Surveying
Year : 1994 to 1996 (3.38)
Name and
Place of Universiti Teknologi Malaysia (UTM)
University : 81310, Skudai, Johor, Malaysia

5. Certificate : Certificate in Land (Survey)
Field : Land Surveying
Year : 1991 to 1993 (3.74)
Name and Politeknik Kuching Sarawak (POLIKU)
Place of Km. 22, Jalan Matang
Polytechnic : 93050, Kuching, Sarawak

TEACHING EXPERIENCES

1. Place: College University Linton, Legenda Education Group, Mantin, Negeri Sembilan
Subject: Engineering Surveying (School of Quantity Survey and Construction Management)
Period: 08 September 2011 to 31 December 2011
2. Place: College University Linton, Legenda Education Group, Mantin, Negeri Sembilan
Subject: Management Principles and Statistics (School of Quantity Survey and Construction Management)
Period: 01 February 2012 to 30 June 2012
3. Place: College University Linton, Legenda Education Group, Mantin, Negeri Sembilan
Subject: Engineering Surveying (School of Quantity Survey and Construction Management)
Period: 03 September 2012 to 08 December 2012
4. Place: College University Linton, Legenda Education Group, Mantin, Negeri Sembilan
Subject: Engineering Surveying (School of Quantity Survey and Construction Management)
Period: 01 July 2013 to 31 December 2013
5. Place: College University Linton, Legenda Education Group, Mantin, Negeri Sembilan
Subject: Introduction to Engineering Surveying (School of Civil Engineering)
Period: 13 January 2014 to 30 April 2014

ORGANIZATIONS INVOLVEMENT

1. Wiki Content Manager for Royal Institution of Surveyors Malaysia, RISM
Period from 1/2/2012-31/12/13.
2. Committee Member for Geomatic and Land Surveying (GLS) Division, RISM
Session 2012/2013.
3. Committee Member for IT/Library Board, RISM
Session 2013/2014.
4. Treasurer for Geomatic and Land Surveying (GLS) Division, RISM
Session 2013/2014.
5. Committee Member for TMS Editorial Board, RISM
Session 2013/2014.
6. Committee Member for IT/Library Board, RISM
Session 2013/2014.

THESES PUBLICATIONS

1. Tan, Liat Choon (2012). *Towards Developing A Three-Dimensional Cadastre For Three-Dimensional Property Rights In Malaysia*. Ph.D Thesis. Universiti Teknologi Malaysia, Skudai, Johor.
2. Tan, Liat Choon (2002). *Kajian Kesesuaian Pengubahsuaian Elemen Piawaian Perancangan Bagi Jalan Dalam Pembangunan Perumahan*. M.Sc Thesis. Universiti Teknologi Malaysia, Skudai, Johor.
3. Tan, Liat Choon (1998). *Pembangunan Perisian Dalam Total Station Geodimeter Untuk Pengumpulan Data Ukur*. Bachelor of Land Survey Thesis. Universiti Teknologi Malaysia, Skudai, Johor.

PAPERS PUBLICATIONS

- (1) Tan, Liat Choon, Khadijah bt Hussin and Ernest Khoo, H.O. (2009). Towards 3D Property Legislation in Malaysia. *In: Proceeding of FKSG Postgraduate Seminar 2009*. 14-15 July 2009. Universiti Teknologi Malaysia, Skudai, Johor, Malaysia.
- (2) Tan, Liat Choon, Khadijah bt Hussin and Ernest Khoo, H.O. (2009). Making 3D Property Legislation Feasible in Malaysia. *In : Proceedings of 8th International Symposium and Exhibition on Geoinformation 2009 (ISG 2009)*. 10-11 August 2009. Kuala Lumpur, Malaysia.
- (3) Tan, Liat Choon, Khadijah bt Hussin and Ernest Khoo, H.O. (2009). Malaysian 3D Property Legislation: A Preliminary Approach. *In: Proceedings of ISPRS International Workshop on Multidimensional & Mobile Data Model (ISPRS WG II-5)*. 21-22 October 2009. Universiti Teknologi Malaysia, Skudai, Johor, Malaysia.
- (4) Tan, Liat Choon, Khadijah bt Hussin and Ernest Khoo, H.O. (2009). Making 3D Property Legislation Feasible in Malaysia. *In : Proceedings of TS 2A-Legal Aspects in Land Administration, 7th FIG Regional Conference, Spatial Data Serving People: Land Governance and Environment-Building the Capacity*. 19-22 October 2009. Hanoi, Vietnam.
- (5) Tan, Liat Choon, Khadijah bt Hussin and Ernest Khoo, H.O. (2009). Making 3D Property Legislation Feasible in Malaysia. *In: Proceeding of 3rd International Conference on Built Environment in Developing Countries-Sustainable Built Environment: Tomorrow Agenda Today (ICBEDC 2009)*. 2-3 December 2009. Universiti Sains Malaysia, Pulau Pinang, Malaysia.
- (6) Tan, Liat Choon, Khadijah bt Hussin and Ernest Khoo, H.O. (2009). *Malaysian 3D Property Legislation-A Preliminary Approach*. In Fuziah binti Hj. Abu Hanifah, Shahrudin bin Idrus , Azhari bin Mohamed et al. (Eds). *Buletin Geospasial Sektor Awam. Edisi 2/2009*. (pp. 17-28). Putrajaya, Malaysia: Pusat Infrastruktur Data Geospasial Negara (MaCGDI).
- (7) Tan, Liat Choon, Khadijah bt Hussin and Ernest Khoo, H.O. (2010). 3D Property Situation in Malaysia-Initiatives towards 3D Cadastre. *In: Proceedings of TS 5A-Development of 3D Cadastral, XXIV FIG International Congress 2010, Facing the Challenges-Building the Capacity*. 11-16 April 2010. Sydney, Australia.
- (8) Tan, Liat Choon, Khadijah bt Hussin and Ernest Khoo, H.O. (2010). New Cadastral System Towards Planning and Construction Sustainability. *In: Proceedings of 1st International Conference on Sustainable Building and Infrastructure (ICSBI 2010)*. 15-17 June 2010. Kuala Lumpur, Malaysia.
- (9) Tan, Liat Choon and Khadijah bt Hussin (2010). New Cadastral System Towards Sustainable Development. *In: Proceedings of International Symposium and Exhibition on Geoinformation 2010 and Map Asia 2010*. 26-28 July 2010. Kuala Lumpur, Malaysia.

- (10) Tan, Liat Choon and Khadijah bt Hussin (2010). New Cadastral Approach for Sustainable Development in Multilayer Building. In: *Proceeding of 4th International Conference on Built Environment in Developing Countries-Sustainable Built Environment: Tomorrow Agenda Today (ICBEDC 2010)*. 1-2 December 2010. Universiti Sains Malaysia, Pulau Pinang, Malaysia.
- (11) Tan, Liat Choon and Khadijah bt Hussin (2010). *Developing A New Cadastral Registration Approach*. In Fuziah binti Hj. Abu Hanifah, Shaharudin bin Idrus , Azhari bin Mohamed et al. (Eds). *Buletin Geospasial Sektor Awam. Edisi 2/2010*. (pp. 4-11). Putrajaya, Malaysia: Pusat Infrastruktur Data Geospasial Negara (MaCGDI).
- (12) Tan, Liat Choon, Khadijah bt Hussin and Ernest Khoo, H.O. (2011). New Cadastral System Approach for Planning Sustainability in Malaysia. *International Surveying Research Journal*. 1 (1), 5-24.
- (13) Tan, Liat Choon, Khadijah bt Hussin and Ernest Khoo, H.O. (2011). Malaysian 3D Property Legislation-A Preliminary Approach. *International Surveying Research Journal*. 1 (1), 25-43.
- (14) Tan, Liat Choon and Khadijah bt Hussin (2011). *Overview of the 3D Property Development*. In Ng Eng Guan, Mazlan b. Hj. Ashaari, Azlim Khan b. Abd. Raof Khan et al. (Eds). *Buletin GIS 2/2011*. (pp. 46-70). Kuala Lumpur, Malaysia: Jabatan Ukur dan Pemetaan Malaysia (JUPEM).
- (15) Tan, Liat Choon and Khadijah bt Hussin (2011). Property Formation-Changed in Land Related Legal Document. *International Journal of Geomatics and Geosciences*. 2 (2), 555-567.
- (16) Tan, Liat Choon and Khadijah bt Hussin (2012). Issues on 3D Property. *International Journal of Scientific and Engineering Research*. 3 (2), 17-22.
- (17) Tan, Liat Choon and Khadijah bt Hussin (2012). A Survey Related to 3D Property. *International Journal of Humanities and Social Science*. 2 (4), 69-75.
- (18) Tan, Liat Choon and Khadijah bt Hussin (2012). Towards E-Government's 3D Property. *International Journal of Scientific and Engineering Research*. 3 (3), 106-115.
- (19) Tan, Liat Choon and Khadijah bt Hussin (2012). Towards 3D Property Formation. *International Journal of Scientific and Engineering Research*. 3 (3), 436-443.
- (20) Tan, Liat Choon, Khadijah bt Hussin and Ernest Khoo, H.O. (2012). Establishing 3D Property Rights in Malaysia. In: *Proceedings of TS 5B-FIG Working Week*. 6-10 May 2012. Rome, Italy.
- (21) Tan, Liat Choon and Khadijah bt Hussin (2012). *Overview of Swedish Cadastre System*. In Ng Eng Guan, Mazlan b. Hj. Ashaari, Azlim Khan b. Abd. Raof Khan et al. (Eds). *Buletin GIS 1/2012*. (pp. 22-36). Kuala Lumpur, Malaysia: Jabatan Ukur dan Pemetaan Malaysia (JUPEM).

- (22) Tan, Liat Choon and Khadijah bt Hussin (2012). *A Survey Related To 3D Property In Malaysia*. In Fuziah binti Hj. Abu Hanifah, Shaharudin bin Idrus , Ng Eng Guan et al. (Eds). *Buletin Geospasial Sektor Awam. Edisi 1/2012*. (pp. 20-29). Putrajaya, Malaysia: Pusat Infrastruktur Data Geospasial Negara (MaCGDI).
- (23) Tan, Liat Choon (2012). 3D Property-Types of Rights. *In : Proceedings of 11th International Symposium and Exhibition on Geoinformation 2012 (ISG 2012)*. 25-26 September 2012. Kuala Lumpur, Malaysia.
- (24) Tan, Liat Choon and Looi kam Seng (2013). Developing Infrastructure Framework for 3D Cadastre. *In : Proceedings of the International Symposium and Exhibition on Geoinformation 2013 (ISG 2013)*. 24-25 September 2012. Kuala Lumpur, Malaysia.
- (25) Tan, Liat Choon and Looi kam Seng (2013). Towards a Malaysian Multipurpose 3D Cadastre based on the Land Administration Domain Model (LADM)-An Empirical Study. *In : Proceedings of the 5th Land Administration Domain Model Workshop (LADM 2013)*. 24-25 September 2012. Kuala Lumpur, Malaysia.
- (26) Tan, Liat Choon and Looi kam Seng (2014). Developing Infrastructure Framework to Facilitate the Malaysian Multipurpose 3D Cadastre. *In : Proceedings of the XXV FIG International Congress 2014 (XXV FIG 2014)*. 16-21 June 2014. Kuala Lumpur, Malaysia.
- (27) Nur Amalina Zulkifli, Alias Abdul Rahman, Peter van Oosterom, Hasan Jamil, Chee Hua Teng, Tan, Liat Choon, Looi kam Seng and Chan Keat Lim (2014). Towards Malaysian LADM Country Profile for 2D and 3D Cadastral Registration System. *In : Proceedings of the XXV FIG International Congress 2014 (XXV FIG 2014)*. 16-21 June 2014. Kuala Lumpur, Malaysia.
- (28) Nur Amalina Zulkifli, Alias Abdul Rahman, Peter van Oosterom, Hasan Jamil, Chee Hua Teng, Tan, Liat Choon, Looi kam Seng and Chan Keat Lim (2014). Development of a prototype for the assessment of the Malaysian LADM Country Profile. *In : Proceedings of the XXV FIG International Congress 2014 (XXV FIG 2014)*. 16-21 June 2014. Kuala Lumpur, Malaysia.

CONFERENCES AND SEMINARS ATTENDED AND PAPERS PRESENTED

1. MYSCAD Solution Seminar (Bumi Solution, Kuala Lumpur, Malaysia)
2. UTM Postgraduate Seminar 2009 (UTM, Johor, Malaysia)
3. 8th International Symposium on Geoinformation (ISG 2009) (UPM, Kuala Lumpur, Malaysia)
4. 7th FIG Regional Conference 2009 (FIG, Hanoi, Vietnam)
5. International Workshop on Multi-Dimensional and Mobile Data Models, 6th Workshop on Dynamic and Multi-Dimensional GIS (n-DGIS 2009) (UTM, Johor Bharu, Malaysia)
6. 3rd International Conference on Built Environment in Developing Country (ICBEDC 2009) (USM, Pulau Pinang, Malaysia)
7. Buletin Geospatial Sektor Awam 2/2009 (MaCGDI)
8. XXIV FIG International Congress 2010 (FIG, Sydney, Australia)
9. 1st International Conference on Sustainable Building and Infrastructure (ICSBI 2010) (UTP, Perak, Malaysia)
10. 9th Annual Asian Conference & Exhibition on Geospatial Information Technology and Application (Map Asia 2010) & International Symposium on Geoinformation 2010 (ISG 2010) (Map Asia, Kuala Lumpur, Malaysia, Best Paper Presentation Award)
11. 4th International Conference on Built Environment in Developing Country (ICBEDC 2010) (USM, Pulau Pinang, Malaysia)
12. FIG Working Week. 6-10 May 2012 (Rome, Italy)
13. 11th International Symposium and Exhibition on Geoinformation 2012 (ISG 2012). 25-26 September 2012 (Kuala Lumpur, Malaysia)
14. 12th International Symposium and Exhibition on Geoinformation 2013 (ISG 2013). 24-25 September 2009 (Kuala Lumpur, Malaysia)
15. 5th Land Administration Domain Model Workshop. 24-25 September 2009 (Kuala Lumpur, Malaysia)
16. XXV FIG International Congress 2014 (XXV FIG 2014). 14-21 June 2014. Kuala Lumpur, Malaysia.

PROFESSIONAL COURSES COMPLETED BEFORE 2011

No.	Title	Location	Date/Duration
1.	Internship Program with Royal Institute of Technology	Stockholm, Sweden	03-03-10 to 28-05-10 (3 months)
2.	Seminar Pembangunan Strata 2008	PTGKL	04-08-08 (1 day)
3.	Kursus Kenegaraan Master & PhD	Rembau	24-04-08 to 28-04-08 (5 days)
4.	Kursus Persediaan Ijazah Lanjutan (PhD)	INTAN	20-05-08 to 27-06-08 (38 days)
5.	English Course	MaCGDI Office	21-01-08 to 25-01-08 (5 days)
6.	Autodesk Map 3D 2008	MaCGDI Office	07-01-08 to 09-01-07 (3 days)
7.	English Course (IELTS)	British Council Kuala Lumpur	03-12-07 to 14-12-07 (10 days)
8.	ESRI 9.2 Technology Update	MaCGDI Office	18-09-07 (1 days)
9.	AUTOCAD Software Training	MaCGDI Office	26-06-07 to 28-06-07 (3 days)
10.	CADIAN Software Training	MaCGDI Office	19-06-07 to 21-06-07 (3 days)
11.	Intensive Survey Course	INSTUN and JUPEM	05-03-07 to 01-06-07 (3 months)
12.	Technology Update Workshop	MaCGDI Office	29-11-06 to 1-12-06 (3 days)
13.	Software ER Mapper Training	Kuala Lumpur	22-01-07 to 26-01-07 (5 days)
14.	Strata and Stratum Course	INSTUN	09-01-07 to 12-01-07 (4 days)
15.	Technology Update Workshop	MaCGDI Office	29-11-06 to 1-12-06 (3 days)

16.	Intensive Survey Course	INSTUN and JUPEM	23-08-06 to 13-11-06 (3 months)
17.	Development True Potential Course	Kuala Lumpur	01-08-06 to 03-08-06 (3 days)
18.	Survey Congress	Kuala Lumpur	14-06-06 to 16-06-06 (3 days)
19.	Technology Update Workshop	MaCGDI Office	15-03-06 (1 day)
20.	Technology Update Workshop	MaCGDI Office	14-02-06 (1 day)
21.	Malaysia Government Employee Course (BTN)	Kulim	08-06-05 to 12-06-05 (5 days)
22.	Marine Environment Awareness Course	Mersing	12-09-05 to 15-09-05 (4 days)
23.	Land Law and Administration Course	JUPEM Office	15-08-05 to 17-08-05 (3 days)
24.	Field to Finish Course	INSTUN	26-04-05 to 29-04-05 (4 days)
25.	Satellite Image (QuickBird) Workshop	Kuala Lumpur	08-03-05 (1 day)
26.	MapInfo Software Course	Pulau Pinang	01-03-05 to 02-03-05 (2 days)
27.	Global Positioning System (GPS) for Cadastral and Mapping Course	INSTUN	09-01-05 to 14-01-05 (6 days)
28.	Induksi Umum Course	Port Dickson	15-08-04 to 28-08-04 (14 days)
29.	Geographical Information System (GIS) Technology Update	JUPEM Office	21-07-04 (1 days)
30.	Seminar & Workshop for Geographic / Geomatic	Kuala Lumpur	26-05-04 to 27-05-04 (2 days)
31.	Technology Update Workshop	JUPEM Office	25-05-04 (1 day)

32.	Technology Update Workshop	Kuala Lumpur	11-05-04 (1 day)
33.	Induksi Kursus Course	JUPEM Office	24-02-04 to 26-02-04 (3 days)
34.	Land Law and Administration Course	INSTUN	15-09-03 to 18-09-03 (4 days)
35.	Geographical Information System (GIS)	INSTUN	08-09-03 to 12-09-03 (5 days)

PROFESSIONAL COURSES COMPLETED IN 2011

No.	Title	Location	Date/Duration
1.	Training of MyGDI standard	MaCGDI	13-07-11 to 15-07-11 (3 days)
2.	Course of Innovation	PICC	31-10-11 to 04-11-11 (5 days)
3.	Course of Graphic Editing	JB	05-12-11 to 07-12-11 (3 days)
4.	Course of Markup & Modelling Language	MaCGDI	12-12-11 to 16-12-11 (5 days)

PROFESSIONAL COURSES COMPLETED IN 2012

No.	Title	Location	Date/Duration
1.	Course of Enforcement, prosecution and Expert Witness	INSTUN	10-07-12 to 13-07-12 (4 days)
2.	Workshop on Geographic Name	MaCGDI	18-07-12 to 19-07-12 & 02-Ogos-12 (3 days)
3.	Course of Introduction on FME & ArcGIS	Seremban	05-09-12 to 06-09-12 (4 days)
4.	Workshop on Topographic & Cartographic Database	Langkawi	25-11-12 to 28-11-12 (4 days)

PROFESSIONAL COURSES COMPLETED IN 2013

No.	Title	Location	Date/Duration
1.	Taklimat Kesedaran Keselamatan ICT	JUPEM	03-04-13 (1 day)
2.	Bengkel Retreat Pemetaan	JUPEM	20-04-13 to 22-04-13 (3 days)
3.	Social Tenure Domain Model Training of Trainers	UTM, KL	23-09-13 (1 day)
4.	Makmal Spatially Enabled NRE	Penang	01-10-13 to 04-10-13 (5 days)
5.	Land Administration Domain Model (LADM) Short Course	UTM, JB	07-11-13 to 08-11-13 (2 days)
6.	Taklimat Panduan Pemarkahan Laporan Nilai Pretasi Tahunan (LNPT)	JUPEM	12-11-13 (1 day)
7.	Kursus Pengurusan Projek	Langkawi	24-11-13 to 26-11-13 (3 days)

REFEREES

Name : Dr. Khadijah Binti Hussin
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Tel : (6)07-553 2843 (office), (6)019-7895653 (mobile)
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Designation : Senior Lecturer

Name : Assoc. Prof. Dr. Muhammad Tahir Sabit Bin Hj. Muhammad
Address : Universiti Teknologi Malaysia, 81310, Skudai, Johor
Tel : (6)07-553 2843 (office), (6)017-7797819 (mobile)
Fax : (6)07-556 6163
Email : mtahir@utm.my
Designation : Senior Lecturer

Name : Sr Leow Kam Choy
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81200, Johor Bahru, Johor
Tel : (6)07-5543157 (office), (6)019-7131311 (mobile)
Email : leowjmj@pd.jaring.my, leowjmj1969@gmail.com
Designation : Licensed Land Surveyor

Name : Sr Goh Leong Sen
Address : Studioukur Geomatics , 18-1 Jalan Radin Anum
Sri Petaling, 57000, Kuala Lumpur
Tel : (6)03-90582318 (office), (6)012-7098896 (mobile)
Email : l_s_goh@hotmail.com
Designation : Licensed Land Surveyor