

Anisah Lee Abdullah

(Former name: Jessica Lee Wan Ling)

Associate Professor
 Geography Section
 School of Humanities
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Field of expertise: Biogeography
 Coastal & Marine environment
 Coral reef
 Seagrass

Associated field of interest: Sustainable development & environmental studies
 Application of remote sensing & GIS tools in coastal & marine studies
 Coastal & Marine Sustainable Tourism

Academic and Professional Qualifications

Year	Institution	Qualification/Discipline
2004	Middlesex University London, United Kingdom	PhD (Environmental Remote Sensing)
1994	Asian Institute of Technology Bangkok, Thailand	MSc (Environmental Remote Sensing & Geoinformation System)
1991	Universiti Sains Malaysia Pulau Pinang, Malaysia	BSc (Hons) (Pure Science: Microbiology)

Titles of postgraduate theses

MSc thesis title: Impact of Coastal development on the Natural Coastal Ecosystems of Northwest Langkawi (1985-1994) (AIT thesis ref: NR-94-5)
 Supervisors: Prof. Kaew Nualchawee, Dr. Jean-Pierre Delsol

PhD thesis title: Modelling of Total Suspended Particulates in Malaysian Coastal Waters Using Remote Sensing Techniques
 Supervisors: Prof. Dr. Brian Shutes, Dr. Mark Fitzsimons, Prof. Wan Ruslan Ismail

Work Experience

Year	Position	Field of Work	Place of Work
1986	Primary School Teacher	Teach English, Art and Civics	Dato Wan Mohd. Saman Primary School, Tandop, Kedah Darul Aman
1988-1990	Student Assisstant	Research on marine ecosystems	School of Biological Sciences, Universiti Sains Malaysia, Pulau Pinang
1990-1991	Research Assisstant	Research on marine environment and ecosystem	School of Biological Sciences, Universiti Sains Malaysia, Pulau Pinang
1991-1992 1994-2000	Research Officer [Temporary Staff ID: USM/KP 0516]	Research on marine environment and ecosystem	School of Biological Sciences, Universiti Sains Malaysia, Pulau Pinang
2001-2004 2004-2007 2007-2013	Lecturer (temporary) Lecturer Senior Lecturer	} Lecturing, supervision } and conducting research }	Geography Section, School of Humanities, Universiti Sains Malaysia, Pulau Pinang
2013 - date	Associate Professor (in Biogeography)	Lecturing, supervision and conducting research	Geography Section, School of Humanities, Universiti Sains Malaysia, Pulau Pinang

Main Current Research Areas

- Coastal and Marine Environmental Studies (Water Quality, Coastal Changes)
- Reef Studies (Coral, Echinoderms, Seagrass, Coastal Flora & Fauna Distribution Mapping, etc.)
- Environmental Remote Sensing (TSS Modelling, Change Detection, Natural Resources Mapping)

Research and Publication

Research Publications (Research Book/Monograph)

- The Impact of 26 December 2004 tsunami on the coastal and marine environment of Straits of Malacca. i. The Effect of tsunami on the coral reefs of Teluk Dedap in North Langkawi. Authors: Anisah Lee Abdullah & Zulfihar Yasin
- The Impact of 26 December 2004 tsunami on the coastal and marine environment of Straits of Malacca. ii. The effect of tsunami on the socio-economy of local fishermen in Pulau Pinang and Kuala Muda, Kedah. Author: Anisah Lee Abdullah

Journal/E-Journal/Journal Proceeding

- Anisah Lee Abdullah & Zulfigar Yasin, 1998. Seagrasses Of Pulau Sipadan , Sabah, Malaysia: A Preliminary Survey. *Malayan Nature Journal* 1998, 52(3&4): 223-235
- Anisah Lee Abdullah & Zulfigar Yasin, 2000. Seasonal Distribution Of Surface Water Total Suspended Solids And Associated Parameters Of Tanjung Rhu, Pulau Lanfkwai, Malaysia. *Malayan Nature Journal* 2000, 54(2): 109-125
- Anisah Lee Abdullah, Zulfigar Yasin, Wan Ruslan Ismail, Brian Shutes & Mark Fitzsimons, 2002. The Effect of Early Coastal development on the Fringing Coral Reefs of Langkawi: a study in small scale changes. *Malaysia Journal of Remote Sensing & GIS*, July 2002, 3:1-10
- Anisah Lee Abdullah, Zulfigar Yasin, Wan Ruslan Ismail , Brian Shutes & Mark Fitzsimons, 2011. Sediment Fallout Rates in Tnjung Rhu Coral Reefs. *Journal of Malaysian Studies*, Vol. 29, No.2, 2011, 1–30.
- H.S. Lim, M.Z. MatJafri, K. Abdullah, K.C. Tan, F. Tan, N. Mohd. Salleh, Z. Yasin and A.L. Abdullah, 2009. Monitoring of Total Suspended Solids and Sea Surface Temperature using NOAA AVHRR Data in Malaysia. *MASAUM Journal of Basic and Applied Sciences (MJBAS)* (ISSN 2076-0841) October 2009, 1(3):395-400.
- Anisah Lee Abdullah, Juliana Mohamed & Zulfigar Yasin, 2011. Incorporating Hydroacoustic Signal Classification Technique for Effective Application to Limits of Acceptable Change Framework for Natural Heritage Conservation at Pulau Payar Marine Park. *Malaysian Journal of Environmental Management (MJEM)*, 2011, Vol. 12(1): 23-37. (Special Issue)
- Norhanis M. Razalli, Teh Chiew Peng, Mohd. Shukri Mohd. Yusof, Juliana Mohamed, Tan Shau Hwai, Zulfigar Yasin and Anisah Lee Abdullah, 2012. Distribution and Biomass of *Halophila ovalis* (R. Brown) Hook. f. at Pulau Gazumbo, Penang, Straits of Malacca. *Publ. Seto Mar. Biol. Lab.*, 2012, Vol. 41, 71-76.
- A.L. Abdullah, H.S. Lim, Z. Yasin & N. M. Razalli, 2014. Classification of chlorophyll-a concentrations in surface waters of Songsong Group of Islands using an optically-derived remote sensing model. *ASM Sc.J.*, Vol. 8(1), 2014: 44-53. Akademi Sains Malaysia Science Journal (ASM Science Journal)/Academy of Sciences Malaysia
- Nurbaidura Salim, Badaruddin Mohamed & Anisah Lee Abdullah, 2015. An Evaluation of Snorkeling Satisfaction At Pulau Payar Marine Park, Kedah, Malaysia. *Advances in Environmental Biology*, 9(3) February 2015, Pages: 35-38. Advances in Environmental Biology/ISSN-1995-0756 EISSN-1998-1066/AENSI Journals. <http://www.aensiweb.com/old/aeb/2015/February/35-38.pdf>
- Anisah Lee Abdullah, Anastacia Anscelly, Juliana Mohamed & Zulfigar Yasin. 2016. Conservation of Pulau Payar Marine Park and Optical Remote Sensing Models. *Kemanusiaan* Vol. 23, Supp. 1, (2016), 79–107

Chapter In Research Book (non proceedings)

- ROSES – Seagrass Communities: Diversity & Distribution.
Author: Anisah Lee Abdullah, Cheah Wee & Zulfigar Yasin.
- ROSES – Remote Sensing Classification: Reef Classification
Author: Anisah Lee Abdullah, Khairuddin Abdullah, Mohd. Zubir Mat Jafri & Zulfigar Yasin. 90 pp
- ROSES – Remote Sensing Classification : Sea Surface Temperature

Author: Anisah Lee Abdullah, Khiiruddun Abdullah, Mohd. Zubir Mat Jafri & Zulfigar Yasin. 45 pp

- Kesan El Nino terhadap terumbu karang di persekitaran Perairan Malaysia.
Author: Anisah Lee Abdullah & Zulfigar Yasin. 9 pp.
- Conservation Issues for Ecotourism in Malaysia: A case study in North Langkawi.
Author: Anisah Lee Abdullah and Zulfigar Yasin (Chapter 6) , 2004, Publ: School of Humanities, ISBN 983-42017-0-2, pp. 8
- Booming Coastal Tourism Dooming Coastal-Marine Environment: the case of Teluk Datai, Langkawi. Authors: Anisah Lee Abdullah & Zulfigar Yasin. (chapter 11) In: *Tourism Research in Malaysia: What, which way and so what?*. Editors: Kadir Din & Jabil Mapjabil. 2010 ISBN 978-967-5311-56-7. UUM Press.
- Impak Ekopelancungan terhadap persekitaran pinggir pantai dan marin di Pulau Langkawi.
Author: Anisah Lee Abdullah (Chapter 5). In: *Pelancungan di Pulau Langkawi: Pembangunan dan Implikasi*. Editor: Jabil Mapjabil. 2014. ISBN 978-983-0468-90-7. UTHM Publisher.
- Connecting Eco-tourism and Traditional Fishing Communities in Pulau Langkawi. Author: Anisah Lee Abdullah. In: *Isu-isu Penyelidikan Pelancongan di Pulau Langkawi*. Editor: Marzuki. (Editing stage).
- Coastal and Marine Issues (Theme 1: Sectoral Challenges in Malaysia)
Author: Anisah Lee Abdullah (Chapter 4). In: *RIO + 20: Issues and Challenges in Sustainable Development in Malaysia*. Editors: Narimah Samat, Norizan Md. Nor, Wan Ruslan Ismail & Tarmiji Masron. (In progress: Expected publication date: December 2016).
- Harvesting Alternative Energy: Land to Sea (Theme 1: Sectoral Challenges in Malaysia)
Author: Anisah Lee Abdullah (Chapter 5). In: *RIO + 20: Issues and Challenges in Sustainable Development in Malaysia*. Editors: Narimah Samat, Norizan Md. Nor, Wan Ruslan Ismail & Tarmiji Masron. (In progress: Expected publication date: December 2016).
- Sustainable Management of Biodiversity: Coastal and Marine Issues (Theme 1: Sectoral Challenges in Malaysia)
Author: Anisah Lee Abdullah (Chapter 9). In: *RIO + 20: Issues and Challenges in Sustainable Development in Malaysia*. Editors: Narimah Samat, Norizan Md. Nor, Wan Ruslan Ismail & Tarmiji Masron. (In progress: Expected publication date: December 2016).
- Threats to Straits of Malacca and South China Sea: Ocean Acidification (Theme 2: Cross-Sectoral and Emerging Issues)
Author: Anisah Lee Abdullah (Chapter 19). In: *RIO + 20: Issues and Challenges in Sustainable Development in Malaysia*. Editors: Narimah Samat, Norizan Md. Nor, Wan Ruslan Ismail & Tarmiji Masron. (In progress: Expected publication date: December 2016).

Proceedings

NATIONAL

- Jessica Lee Wan Ling & Zulfigar Yasin, 1990. The Effect of Crude Extracts of *Holothuria atra* Jaeger And *Stichopus variegatus* Semper On Some Bacteria, Yeast And Fungi. *First Symposium Of Applied Biology*, Universiti Pertanian Malaysia, Serdang, Selangor. Date: 20-23 January 1990.
- Jessica Lee Wan Ling & Zulfigar Yasin, 1992. Study On The Growth Inhibitory Effect Of 'Gamat' Extracts (*Stichopus variegatus* Semper 1868) And Marketed Gamat Products On Some Microorganisms. *First National Symposium On Natural Resources*, Universiti Kebangsaan Malaysia Kampus Sabah, Kota Kinabalu, Sabah. Date: 23-26 July, 1992.

- Salehuddin B Jamon, Zulfigar Yasin & Jessica Lee Wan Ling, 1992. Study On The Reproductive Cycle Of Sea Cucumbers, *Holothuria* sp. And *Stichopus* sp. As An Environmental Index. *First National Symposium On Natural Resources*, Universiti Kebangsaan Malaysia Kampus Sabah, Kota Kinabalu, Sabah. Date: 23-25 July 1992.
- Zulfigar Yasin & Anisah Lee Abdullah, 1995. Marine Products, Nutrition And Pharmacology. Seminar On "*Malaysian Fisheries: Plight & Future*", RESCAM Penang, Malaysia. Date: 25-27 September 1995.
- Zulfigar Yasin, Ruslan Rainis, Kam Suan Pheng & Anisah Lee Abdullah, 1995. Application Of Remote Sensing & Geoinformation System Toward Resource Research, Planning And Development. *Sixth Malaysian Plan IRPA Project Seminar*, Universiti Sains Malaysia, Penang, Malaysia. Date: 15-22 October 1995.
- Zulfigar Yasin & Anisah Lee Abdullah, 1995. The Biology And Reproduction Of Sea Cucumber Species(Gamat) For Malaysia's Food And Pharmaceutical Industries. *Sixth Malaysian Plan IRPA Project Seminar*, Universiti Sains Malaysia, Penang, Malaysia. Date: 15-22 October 1995
- Zulfigar Yasin, Ruhana Hassan, Aileen Tan Shau-hwai & Anisah Lee Abdullah, 1998. Coral Reef Fishes in Pulau LANGKAWI. *Proc. Of 5th Symposium of Applied Biology on " Natural resources and Food Security"*, 5-6 May 1998, Universiti Putra Malaysia.
- Zulfigar Yasin, Anisah Lee Abdullah & Aileen Tan S.H., 2001. Conservation Issues And Status Of The Marine Environment Of Langkawi. *Persidangan Kebangsaan R&D IPTA 2001 – 'Penyelidikan dan Pembangunan Penggerak Pembangunan Mampan'*., PWTC, Kuala Lumpur. Date: 25 - 26 Oktober 2001.
- Chan Ngai Weng, Anisah Lee Abdullah, Ab Latif Ibrahim & Suriati Ghazali, 2003. River Pollution and Restoration Towards Sustainable Water Resources Management in Malaysia. *Proceeding of National Conference on Society, Space and Environment in a Globalised world: Prospects and Challenges*. 29-30 April 2003. Publ. Geography Section, USM 2003. Pp. 208-219. ISBN 983-2514-34-7
- Anisah Lee Abdullah, Zulfigar Yasin, Narimah Samat & Norhanis Mohd. Razali, 2008. Impact of Tourism Development on the Coastal Zone of North Pulau Langkawi. *1st National Symposium of Tourism Research 2008*
- Anisah Lee Abdullah, 2008. Remote Sensing of Coastal and Marine Resources of North Peninsular Malaysia for Natural Heritage Conservation. School of Humanities *Research University Grant Workshop*, Jerejak Resort, Pulau Jerejak, 12-13 December 2008.
- Juliana Mohamed, Zulfigar Yasin & Anisah Lee Abdullah, 2009. Impact of Marine and Coastal Tourism: Application of Limits of Acceptable Change. *2nd National Symposium on Tourism Research 2009*
- Anisah Lee Abdullah, Hellina Berayu Anak Angom & Muhammad Nasir Razak, 2009. Komuniti Nelayan Tradisional di Pinggir Pantai Utara Semenanjung Malaysia(Pulau Tuba, Langkawi): Tinjauan Awal Model Kelestarian. Book of Abstracts, *2nd National Conference Society, Space & Environment 2009 " Towards Sustainable Herritage and Future"*. 2-3 June 2009.
- Norhanis M. Razali, Ng Bee Wah, Zulfigar Yasin, Anisah Lee Abdullah, Tan Shau Hwai & Balasubramaniam, 2009. The Diversity and Distribution Pattern of Microsnails in Langkawi, Malaysia. Book of Abstracts, *2nd National Conference Society, Space & Environment 2009 " Towards Sustainable Herritage and Future"*. 2-3 June 2009.
- Juliana Mohamed, Zulfigar Yasin & Anisah Lee Abdullah, 2009. Limits of Acceptable Change As Applied To Malaysia Marine Parks: A Case Study of Pulau Payar. Book of Abstracts, *2nd*

National Conference Society, Space & Environment 2009 " Towards Sustainable Heritage and Future". 2-3 June 2009.

- Anisah Lee Abdullah, Zulfigar Yasin, Norhanis M. Razalli, Teh Chiew Peng & Woo Sau Pinn, 2009. Determination of Bottom Marine Habitats of Pulau Payar Marine Park Using the RoxAnn Hydroacoustic Signal Processing System. *1st National Seminar Series on The Natural Heritage of Northern Peninsular Malaysia: Potentials, Threats and Challenges for Sustainable Development*, Date: 5-6 October 2009.
- Zulfikar, Zulfigar, Y., Anisah Lee Abdullah & Aileen, Tan, S.H., 2009. Damage Caused by 2004 Tsunami on the Coral Reef of Northern Sumatera. Book of Abstracts, *2nd National Conference Society, Space & Environment 2009 " Towards Sustainable Heritage and Future". 2-3 June 2009.*
- Anisah Lee Abdullah, 2010. The effect of coastal development on ecosystem services: the case of seagrass communities in Penang waters. *Proc. 1st National Seminar on Environmental Humanities*, 16-17 December 2010
- Anisah Lee Abdullah & Zulfigar Yasin, 2013. The Diversity of Hermatypic Corals in the Fringing Reefs of North Langkawi. *Proc. Society, Space and Environment National Conference*, 26-27 October 2013. Penang, Malaysia.

INTERNATIONAL

- Anisah Lee Abdullah & Zulfigar Yasin, 1995. Terrestrial Change Detection of Natural Coastal Ecosystem Of Langkawi As A Tool For Coastal Zone Mngement. *Proc. International Symposium & Workshop On Conservation Biology: Molecular, Biotechnological & Conventional Approaches*, Universiti Malaysia Srawak, Kuching, Sarawak. Date: 19-23 November 1995
- Zulfigar Yasin & Anisah Lee Abdullah, 1995. Monitoring The Impact of Coastal Zone Development On The Natural Coastal Ecosystems of Northwest LANGKAWI. *Case Study Presentation for Training Manual, R.C.U/E.A.S., UNEP, Townsville, Australia*. Date 17-18 August 1995.
- Anisah Lee Abdullah & Zulfigar Yasin, 1996. Soil Erosion Of Northwest Langkawi. *The Indonesia-Malaysia-Thailand Growth Triangle (IMT-GT) Regional Conservation And Management Of Natural Resourcce*. An Annual PSU-USU-USM Joint Symposium, Universiti Sains Malaysia, Penang, Malaysia. Date 21-24 May 1996
- Zulfigar Yasin, Aileen T.S.H. & Anisah Lee Abdullah, 1998. The Conservation of Coral Reefs in Malaysia. *Proc. of the Inti. Workshop on the Rehabilitation of Degraded Coastal Systems*. PMBC, Phuket, Thailand. 19-24 January 1998.
- Zulfigar, Y. & Anisah, L. A., 2001. The Potential Of Langkawi-Tarutao Island Groups In The Straits Of Malacca As A New Transboundary Marine Park For Malaysia And Thailand. *The International Coral Reef Initiatives (ICRI) Regional Workshop And CPC Meeting For Indian Ocean*. Maputo, Mozambique, November, 2001.
- Anisah Lee Abdullah & Zulfigar Yasin, 2001. The Changes in the Fringing Reefs of North Langkawi. *Proceedings of the Asian Wetland Symposium 2001 – Bringing Partnership into Good Wetland Practices* (in CD-ROM) Date: 27 – 30 August 2001
- Zulfigar Yasin & Anisah Lee Abdullah, 2001. The Effect of Thermal Stress on the Coral Reefs of the Straits of Malacca and the South China Sea during 1997 El Nino. *Proceedings of the Asian Wetland Symposium 2001 – Bringing Partnership into Good Wetland Practices* (in CD-ROM) Date: 27 – 30 August 2001

- Zulfigar Yasin, Anisah Lee Abdullah & Aileen Tan, 2005. A preliminary assessment on the effect of the December Tsunami on the wasted wetland of Malaysia. *Asian Wetland Symposium 2005: Innovative Approaches to Sustainable Livelihood*, Bhubaneswar, India. Date: 6-9 February 2005
- Zulfigar Yasin and Anisah Lee Abdullah, 2006. A preliminary assessment on the effect of the December 2004 Tsunami on the wasted wetland of Malaysia. *International Symposium on the Tsunami*. Phuket, Thailand. 18-20 Feb 2006
- Lim H.S., M.Z. Mat Jafri, K. Abdullah, N.M. Saleh, H.G. Ng, Z. Yasin, A.L. Abdullah and I. Iswandy, 2006. Quantitative comparison of two sea surface temperature (SST) algorithms in the tropical Ocean using NOAAVHRR data. *Proceeding of the International Symposium & Exhibition on Geoinformation 2006 (ISG 2006)* [Proceeding in CD]. Selangor, Malaysia.
- Aileen Tan S.H., Zulfigar, Y., Muhamad Nasir & Anisah Lee Abdullah, 2006. Seasonal Growth of the Coral *Porites Lutea* (Link 1807) as Indicators of Environmental Disturbance at Langkawi in the Northern Straits of Malacca. *Coastal Oceanography Seminar, Tokyo, Japan*, 24-26 August 2006.
- Zulfigar, Y., Aileen, Tan S.H. & Anisah Lee Abdullah, 2009. The Distribution and Status of Coral Reefs in the Lower South China Sea. *The 4th VAST – JSPS joint Seminar on Coastal Marine Science, Hai Phong, Vietnam*. 26 – 28 October 2009
- Juliana M., Zulfigar Y., Anisah L.A., Norhanis M. R., Teh C.P., Zulfikar, Woo S.P., Hasmah S.I., Rusdi M., & Aileen T.S.H., 2010. Changes of the Coral Cover over 10 years in Marine Protected Area: Comparing two different sites at Pulau Payar Marine Park in the Northern Straits of Malacca. *ESABII and NaGISA Joint Conference in Commemoration of the CBD COP10, Nagoya and NaGISA Western Pacific Marine Biodiversity Conference*. Noyori Conference Hall, Nagoya University, Aichi, Japan. 23-24 Oct 2010.
- Muhammad Rusdi, Munawar Khalil, Zulfikar, Juliana Mohamed, Anisah Lee Abdullah, Zulfigar Yasin & Aileen Tan Shau Hwai, 2010. Zonation Clustering in Marine Protected Area of Pulo Aceh, Indonesia Using Geographical Information System (GIS). *ESABII and NaGISA Joint Conference in Commemoration of the CBD COP10, Nagoya and NaGISA Western Pacific Marine Biodiversity Conference*. Noyori Conference Hall, Nagoya University, Aichi, Japan. 23-24 Oct 2010.
- Muhammad Rusdi, Sugianto, Anisah Lee Abdullah & Zulfigar Yasin, 2010. Object Oriented Classification Method in Coastal Land Cover Mapping: A case study in Aitussalam, Aceh, Indonesia. *The 7th IMT-GT UNINET and the 3rd Joint International PSU-UNS Conference: BioScience for the Future 2010*, Prince Songkhla University, HatYai, Thailand. 7-8 Oct 2010
- Juliana Mohamed, Zulfigar Yasin & Anisah Lee Abdullah, 2010. Limits of Acceptable Change as an Alternative Approach for Managing Small Marine Protected Areas: A case study on the Pulau Payar Marine Park. *The 7th IMT-GT UNINET and the 3rd Joint International PSU-UNS Conference: BioScience for the Future 2010*, Prince Songkhla University, HatYai, Thailand. 7-8 Oct 2010
- Juliana Mohamed, Zulfigar Yasin & Anisah Lee Abdullah, 2010. Incorporating Hydroacoustic Signal Classification Technique to Limits of Acceptable Change Framework at Pulau Payar Marine Park. *The Second Asia Pacific Coral Reef Symposium: Collaboration for Coral Reef Conservation in a Changing Climate*. Phuket, Thailand. 20-24 June 2010
- Norhanis M. Razalli, Zulfigar Yasin, Teh Chiew Peng, Woo Sau Pinn, Juliana Mohamed, Muhammad Rusdi, Anisah Lee Abdullah, Lim Hwee San, Khiruddin Abdullah & Tan Shau Hwai, 2010. The Diversity and Biomass of Seagrass at Pulau Mabul, Sabah, Malaysia. *ESABII and NaGISA Joint Conference in Commemoration of the CBD COP10, Nagoya and NaGISA Western Pacific Marine Biodiversity Conference*. Noyori Conference Hall, Nagoya University, Aichi, Japan. 23-24 Oct 2010.

- Yasin, Z., Abdullah A.L., Razalli N.M., Peng T.C., Pinn W.S., Mohamed J., Rusdi M., and Hwai T.S., 2010. Seagrass Communities Changes between 2003 and 2008 at Pulau Gazumbo in the Straits of Malacca. *World Seagrass Conference. 9th International Seagrass Biology Workshop*. Phuket-Trang, Thailand. 21-30 November 2010.
- Razalli, N.M., Yasin, Z., Peng T.C., Pinn W.S., Mohamed J., Rusdi M., Abdullah A.L., Lim H.S., Abdullah K., & Hwai T.S., 2010. The diversity of seagrasses of Sulu and Celebes Sea. *World Seagrass Conference. 9th International Seagrass Biology Workshop*. Phuket-Trang, Thailand. 21-30 November 2010.
- Sri Ramona Ahmad, Wan Rose Eliza Abdul Rahman, Narimah Samat & Anisah Lee Abdullah, 2010. Isu dan Cabaran Dalam Menterjemah Istilah Teknikal Sistem Maklumat Geografi (GIS). (Refereed proceeding) *Globalisasi melalui Terjemahan: Pemangkin kecemerlangan Ilmu dan Teknologi*. Persidangan Penterjemahan Antarabangsa ke-13, 2011.

Teaching Workshop Presentations

- Status Of The Marine Environment for Ecotourism in Malaysia: Conservation Issues
Anisah Lee Abdullah
Introductory Course on Ecotourism, School of Humanities, Universiti Sains Malaysia, Pulau Pinang
- The 2004 Tsunami. Their Effect On The Marine Ecosystem
Zulfigar Yasin, Anisah Lee Abdullah, Aileen Tan.
Bengkel Kebangsaan – Seismic and Tsunami Hazard in Malaysia. 24-25 April 2006.
- Modelling a Disaster – a closer look at the damage caused by Tsunami on Malaysia marinenatural systems and how this can be used to prepare us for future events.
Zulfigar Yasin & Anisah Lee Abdullah
The National Workshop on Seismic and Tsunami Hazard in Malaysia. 24-25 April 2006.
- Remote Sensing Applications in Geographical Fieldwork: Mapping Natural Resources.
Anisah Lee Abdullah
Seminar Kebangsaan Kajian Lapangan Geografi: Kurikulum, Aplikasi Dan Prosuder”. 17-19 August 2005
- The Cosequences of Climate Change on Our Coastal Resources throught the Eye in the Sky
Anisah Lee Abdullah
“Commonwelth geographical Bureu Workshop: Human Consequences of Climate Change”. 12-17 June 2005

Publications Related to Teaching

- Authors: Chan Ngai Weng & Anisah Lee Abdullah
Year: 2008
Title: Geografi Fizikal (ISBN 983-42017-4-6)
Publisher: School Of Hummanities, Universiti Sains Malaysia
No of Pages: 156
- Author: Russell G. Congalton dan Kass Green. *Assessing the Accuracy of Remotely Sensed Data: Principles and Practices*. Edisi pertama (Lewis Publishers 1999, 160 muka surat).
Translated by: Anisah Lee Abdullah.
(Translation: English – Bahasa Malaysia)
No. of Pages: 159

Other Publications

Editing of Books/Videos and Others

- “Society, Space and Environment in Globalised World” Eds: Wan Ruslan Ismail, Narimah Samat, Aziz Abdul Majid, Moha Asri Abdullah and Anisah Lee Abdullah. Proceedings of National Conference on Society, Space and Environment in a Globalised World: prospects and Challenges. April 2003
- “Society, Space and Environment 2009: Towards Sustainable Heritage and Future”. Book of Abstracts. Eds: Anisah Lee Abdullah, Wan Ruslan Ismail, Chan Ngai Weng, Tarmiji Masron. Proceedings of 2nd National Conference on Society, Space and Environment 2009: Towards Sustainable Heritage and Future”. June 2009.
- The Natural Heritage of Northern Peninsular Malaysia: Potentials, Threats and Challenges for Sustainable Development. Eds: Chan Ngai Weng, Abu Talib Ahmad & Anisah Lee Abdullah. 1st National Seminar Series on The Natural Heritage of Northern Peninsular Malaysia: Potentials, Threats and Challenges for Sustainable Development, 5-6 October 2009.

Video/Audio

- A section in Majalah 3 on “Gamat” . Appeared in TV3 in 1990. (Status at that time Undergraduate Student)
- Video interview for video presentation on “Nelayan Alaf Baru” (The New Millenium Fishermen) by Afra’ Fardillah ZaiMustapar, School of Communication, USM, November 2009.
- Video interview for video Clip from Sekolah Menengah Kebangsaan Air Merah Kulim on “Ecosystem Under Threat” by a team of secondary students (Forms 1-3) for Kid Witness News (KWN) National Contest 2009. Video Project Sponsor: Panasonic Malaysia. Competition venue: Berjaya Times Square, Kuala Lumpur; 9-11 November 2009.

Mass Media (Main Stream)

- Teknologi Remote Sensing bantu tangani masalah Alam Sekitar (Magazine Interview page 11-12) in EKOTEK SAINS 2009. Publ: Kumpulan Ekotek Sains, USM

Published Interviews:

- The Itch to Stitch. (USM ALUMNI “The Leader” Magazine Interviewed by Haslina Haroon) June 2011. Vol. 6. No. 2. Page 18-20.
- Tetamu untuk Sembang Santai (Edisi 2). Buletin ANTARA KEK&SOS, Pusat Pengajian Ilmu Kemanusiaan. (www.hum.usm.my)

Technical Report:

- International Coral reef Initiative Report. COUNTRY REPORT: MALAYSIA. Authors: Zulfigar Yasin, Anisah Lee Abdullah, Ahmad Azahari & Ranjith De Silva.
- An Assessment of the effect of development in the vegetation coverage of Pulau Langkawi using Landsat Thematic mapping. Authors: Anisah Lee Abdullah & Wan Ruslan Ismail
- The Effect of 2004 tsunami on the north Langkawi coral reefs: A preliminary report. Authors: Anisah Lee Abdullah & Zulfigar Yasin
- The impact of 26 December tsunami on the coastal and marine environment of Straits of Malacca. II. The effect of tsunami on the socio-economy of local fishermen in Pulau Pinang and Kuala Muda, Kedah. Author: Anisah Lee Abdullah

Research Grants

- Title: The Use Of Remote Sensing Line Intercept Transect Technique in Coastal Habitat Delineation of Tanjung Rhu, Pulau Langkawi.
Sponsorship : Self-funded and endorsed by Dean of Humanities
Amount: RM7,000.00
Researchers: Anisah Lee Abdullah
Duration: 2001-2003
- Title: An Assessment of the Effect of Development on the Vegetation Coverage of Pulau Langkawi Using Landsat Thematic Mapper Data
Sponsorship: USM Short-term grant
Amount: RM 18,854.00
Researchers: Anisah Lee Abdullah (Project leader)
Wan Ruslan Ismail
Duration: 2002-2005
- Research on the Seas and Island of Malaysia (R.O.S.E.S)
Sponsorship: National Science Fondation
Researchers: Zulfigar Yasin (Programme Head)
Tan Shau-Hwai (Programme Manager)
Anisah Lee Abdullah (Project Head for Remote Sensing Component)
Number of Researchers involved: 42 (including other universities)
Duration: 2006-2008
- Ekspedisi Pelayaran Saintifik Perdana
Sponsorship: NOD-MOSTI
Number of Researchers: 28 (including other universities)
Researchers: Zulfigar Yasin (Programme Advisor)
Anisah Lee Abdullah (Project Head for Remote Sensing Component)
Duration: 2009
- Traditional Coastal Fishing Communities in North Malaysia: Towards a new model for sustainability.
Grant Type: FGRS
Researchers: Anisah Lee Abdullah (project leader), Chan Ngai Weng, & Suriati Ghazali
Amount: RM 90,095.00
Duration: 2008-2010
- Coastal and Marine Resource Inventory for Conservation and Restoration of Damaged Habitats in Northern Straits of Malacca
Grant type: E-Science Fund Cycle 1/2007
Project number: USM0000721
Researchers: Anisah Lee Abdullah (project leader), Zulfigar Yasin, & Narimat Samat
Amount: RM 354,616.00
Duration: 2008-2010
- Wanita Kelantan dan 'Tempat': Satu kajian geografi gender
Sponsorship: USM Short-term grant
Researchers: Suriati Ghazali (project leader), Narimah Samat, Anisah Lee Abdullah & Sharifah Rohayah Sheikh Dawood
Duration: 2002-2005
- Earthquake and Tsunami Hazards and Risk on the Natural Marine and Coastal Systems of North Malaysia
Sponsorship : Academy Science Malaysia (ASM)

Researchers: Zulfigar Yasin, Anisah Lee Abdullah
Duration : March 2006 - March 2007

- Modelling landuse/cover changes and its impact on biodiversity
Sponsorship: E-Science Fund Cycle 1/2006
Researchers: Narimah Samat (Project Leader) & Anisah Lee Abdullah
Duration: 2006-2009
- Mini Ekspedisi Pelayaran Saintifik 2012 bagi Zon Barat
Sponsorship: JABATAN TAMAN LAUT MALAYSIA (JTLM)
Researchers: Zulfigar Bin Yasin (Project Head northern zone)
Anisah Lee Abdullah (Co-Researcher Environmental Remote Sensing)
Duration: 1/5/2012-30/4/2013
- Natural and Cultural Heritage with Focus on Northern Peninsular Malaysia
Researchers: Abu Talib Ahmad (Project Manager)
Chan Ngai Weng (Project Head for Man-Environment Relationships)
Anisah Lee Abdullah (Project Leader for sub-project "Remote Sensing of Coastal and Marine Resources of North peninsular Malaysia for Natural Heritage Conservation)
- Issues and Challenges in Translating Scientific Text: A Case of Geographic Information System and Remote Sensing Texts
Grant Type: Research University Grant
Researchers: Wan Rose Eliza Abdul Rahman (Project leader), Anisah Lee Abdullah & Narimat Samat
Duration: 1 April 2010 – 30 September 2012
- Physical Activity and Sustainable Health Nutritional Status, Community Wellbeing and Environmental Enhancement
Grant Type: Research University Team Grant
Researchers: Wan Abdul Manan (Project Head), Rohana Jalil, Anisah Lee Abdullah, Narimah Samat, Tarmiji Masron & List of other researchers
Duration: 2013-2016 (3 years)
- Physical impact of tourism development on island destinations in Malaysia.
Grant Type: Sustainable Tourism Research Cluster
Researchers: Badaruddin Mohammed (Proj. Head), Anisah Lee Abdullah & List of other researchers
Duration: 2013-2016 (3 years)
- Determination of Reef Tolerance as a Consequence of Coastal Development through temporal Reef Change Detection in Northern Waters of Straits of Malacca.
Grant type: Short Term University Grant
Researchers: Anisah Lee Abdullah (Project Leader) & Zulfigar Yasin
Duration: 2014-2016 (2 years)

Academic Recognition and Leadership

Academic Awards (*Recognition from a prestigious body for academic achievement*)

INTERNATIONAL

- His Royal Highness Thailand King's Scholarship for the Degree of Masters Of Science (MSc) in Asian Institute Of Technology, Bangkok, Thailand. (January 1993 – August 1994). Awarding body: HRH Thailand King. Country: Thailand. [AMOUNT: USD20,000.00]
- Carl-Duisberg Gesellschaft (CDG) e.V. Scholarship for Advanced Professional Training Course on "Sustainable Use Of Marine and Coastal Resources" in the Republik of Germany (6 Months: 6 March 200 – 31 August 2000). Awarding body: CDG. Country: Germany.
- Scholarship from Carl-Duisberg Gesellschaft (CDG) e.V. for Intensive Remote Sensing Training in Institut Fur Gewasserphysik, Gesellschaft fur Kemergieverwertung im Schiffsbau und Schleswing-Holstein, Republic of Germany (2 Months: 1 September 2000 – 24 October 2000) [AN EXTENDED SCHOLARSHIP] Awarding body: CDG. Country: Germany. (Worked with the following personel from GKSS: *Prof. Roland Doerffer*)

Assessor / Examiner

Internal Examiner for Thesis:

- Undergraduate thesis 2002:
Student Name: Wong Hui Fong
Title of project: "Aplikasi GIS dan Mengkaji Rangkaian Pengedar Proton(USPD) di Pulau Pinang."
Supervisor: Prof. Madya Dr. Ruslan Rainis
- MSc GIS (mixed mode) 2010:
Student name: Siti Maryam Abdul Wahab
Title of thesis: Aplikasi Penderiaan Jauh bagi Mengesan Jenis Permukaan Dalam Menentukan Koefisien Air Larian.
Supervisor: Dr. Zullyadini Ab. Rahaman
- MSc GIS (mixed mode) 2011:
Student name: Lee Lay Swan
Title of Thesis: Explaining The Urban Development Of Seberang Perai Using The Locations Of Sewage Treatment Plant: A GIS Spatial Distribution Based Approach.
Supervisor: Prof. Ruslan Rainis
- Master's Degree 2012:
Student Name: Lindah Rozaini
Title of Thesis: Permodelan Prubahan Tanah Becah di Lembah Sungai Setiu Menggunakan Logistik Regresi dan Sistem Maklumat Geografi (GIS).
Supervisor: Dr. Zullyadini Ab. Rahaman
- PhD 2012:
Student name: Hong Chern Wei
Title of thesis: Assessment on Environmental Sustainability Aspects of Penang National Park Managemnet.
Supervisor: Prof. Chan Ngai Weng
- PhD 2013:
Student name: Azimah Abdul Rahman
Title of thesis: GIS Habitat Modeling of Migratory Birds of Matang Forest Reserve, Perak
Supervisor: Assoc. Prof. Dr. Tarmiji Masron & Assoc. Prof. Dr. Shahrul Anuar Mohd Zain

- PhD 2015:
Student name: Nur Aili Hanim Hanafiah
Title of thesis: The influence of Urban Heat Island on indoor thermal comfort of workers in Pulau Pinang
Supervisor: Prof. Chan Ngai Weng
- PhD 2016:
Student name: Ghsoon Faik Salih
Title of thesis: The effect of dust storms on human health from geomorphological perspectives
Supervisor: Prof. Habibah Lateh

Fellowship

- Researcher in Remote Sensing Modelling (Fellowship) Geography Department, University of Nottingham, Nottingham, United Kingdom. (Reference: Prof. Roy Haines-Young) (3 months: 21 September – 17 December 1998)

Reviewing Articles in Academic Journals / Assessor of Working Papers / Reviewing Books

INTERNATIONAL

- Reviewer for “ Biological aspects of an intertidal seagrass *Thalassia hemprichii* in Port Dickson” for Malayan Nature Journal: Publ. Malaysian Nature Society: 2003/2004

NATIONAL

- Reviewer for “Scientific Committee for 1st National Symposium on Tourism Research 2008”
Proceedings of 1st National Symposium on Tourism Research: Theories & Applications.
Publ: Cluster of Tourism Research, Social Transformation Platform, USM
Number of articles reviewed: 5
- Reviewer for “Scientific Committee for 2nd National Symposium on Tourism Research 2009”
Proceedings of 1st National Symposium on Tourism Research: Theories & Applications. ISBN 978 9833986 63 7
Editor: Badaruddin Mohamed & Morshidi Sirat
Publ: Cluster of Tourism Research, Social Transformation Platform, USM.
Number of articles reviewed: 2

Technical Assessor (per appointment) / Assessor for Grant Application (per appointment)

INTERNATIONAL:

- International grant application assessor of "DRR and CCA in South Asia" 2012 (sponsors: START, CDKN, Agro-Dev International and IUCN) for Project title: Disaster Risk Reduction and Climate Change Adaptation in Koshi River Basin, Nepal, 2012.
- International grant application assessor of "DRR and CCA in South Asia" 2012 (sponsors: START, CDKN, Agro-Dev International and IUCN) for Project title: Policy innovations and showcase practices to support convergence of DRR on CCA in Pakistan, 2012.
- International grant application assessor of "DRR and CCA in South Asia" 2012 (sponsors: START, CDKN, Agro-Dev International and IUCN) for Project title: Main streaming DRR and CCA in the Indus Ecoregion, Pakistan, 2012.

NATIONAL:

Short-term Grant:

- A Remote Sensing Approach In Analyzing Changes In Ecologically-Sensitive Coastal Wetland Landscape Of Penang
Applicant: Nurul Salmi Abdul Latip

- Observation and Monitoring of Changes and Distribution of Mangroves by Using Remotely Sensed Data over Penang
Applicant: Lim Hwee San

e-Science Fund (MOSTI):

- Developing Tsunami Inundation Models and Maps for Malaysia: Towards Security in Coastal and Offshore Facilities
Applicant: Dr Teh Su Yean (Project Leader)
- Reference: FASA 2/2016
Applicant: Undisclosed grant information

Matching Grant (2015):

- Eco-Engineering: Design with Nature
Applicant: USM and E&O Berhad

Transdisciplinary Research Grant Scheme (TRGS)

- Reference: Bil1/2016 in USM
- Applicants: Undisclosed grants

Fundamental Research Grant Scheme (FRGS)

- Reference: FASA 1/2016
- Applicants: undisclosed grants; online evaluation

Member of a Panel Discussion / Forum

- Modalities for Setting Up An Institution of Oceanography in Malaysia
Year/date of activity:1995
Sponsor: The Center For Coastal Development, Marine Environment and Resources, Malaysia Institute of Maritime Affairs (MIMA)
Institution/Venue: Malaysian Institute of Maritime Affairs, Kuala Lumpur, Malaysia

Keynote Speaker (Conference / Seminar / Symposium and other similar academic forums)

INTERNATIONAL

- *The ROSES Experience*
A keynote paper for International Conference on Underwater System Technology: Theory and Applications (USYS'06), Penang, 18-20 July 2006 . Gurney Plaza Hotel, Pulau Pinang. Organized by School of Engineering, Universiti Sains Malaysia.

NATIONAL

- *The 2004 Tsunami. A damage Assessment on the Malaysian marine ecosystem.*
A keynote paper presented to the Persatuan Remote Sensing Negara Annual Conference 2006 at Pusat Remote Sensing Negara on 20 April 2006. Organized by MACRES.
- *Issues in Remote Sensing of Submerged Coral Reefs.*
A keynote paper presented at the "Application of Remote Sensing and GIS in the Marine and Coastal Environment" Seminar, Kota Kinabalu, Sabah, 24-26 September 2003. Organized by Universiti Malaysia Sabah, Kota Kinabalu, Sabah.

Invited Speaker:

International

- *Patterns of pH, temperature and salinity in the Straits of Malacca and the South China Sea with possible relation to riverine run-offs in the region.* Anisah Lee Abdullah. IRDR Conference 2011: Integrated Research on Disaster Risk. Beijing, China. 31 October-2 November 2011. (Sponsors: ICSU, ISSC, UN-ISDR)
- *Possible shift in natural distribution of seagrass habitats due to coastal land reclamation using Spatial Analysis.* Anisah Lee Abdullah & Anastacia Amanda Anscelly. International Conference on Global Change, Environment and Sustainability. NIDA Environment School, National Institute of Development Administration, Bangkok, Thailand. 19 December 2015.

National

- *Conservation Issues for Ecotourism in Malaysia: a case study in North Langkawi.* Anisah Lee Abdullah
One-day Ecotourism Course for Tour Operators, Tourism Officers, NGO's Teachers, Students and the Public. 16 December 2003. Sponsor: Geography Section, School of Humanities, Usm & The British Council DFID Higher Education LINKS
- *An 11-year Preliminary Perspective Over The Landuse/Cover Changes Of North Langkawi.* Zulfigar Yasin & Anisah Lee Abdullah
A Cabinet Paper Prepared By Universiti Sains Malaysia (USM) For Malaysian Centre for Remote Sensing (MACRES), October 2001.pp.18.

Awards for Innovation

- "Science & Technology Exhibition for Research on the Seas and Islands (ROSES) Malaysia"
Exhibition Theme:
 - i) "Coral Reef in Daylight"
 - ii) "Fluorescent Corals" and
 - iii) "Remote Sensing of the Coral Reefs". Sponsor: MOSTI.Venue: Putra World Trade Centre, Kuala Lumpur. Target Audience: Public. Date: 27- 29 August 2004.
Award: 1) Gold medal for Most Innovative Booth
2) Silver Medal for Booth Design
Project Leader: Zulfigar Yasin
Co-researchers: Anisah Lee Abdullah, Izwandy Idris, Sim Yee Kwang, Wong Wai Siin, Mahadi Mohammed, Sazlina Md.Salleh

Member in Professional / Academic Associations

INTERNATIONAL

- Ordinary Member; 2000- present, IAHS (Membership number: 7088)
- Country representative: 2001-present: International Coral Reef Initiatives (ICRI)
- Ordinary member; 1999; International Remote Sensing Society (UK)
- World Water Watch (2009-present)

NATIONAL

- Ordinary member; 1996-present; Malaysia Remote Sensing Society

Teaching and Supervision

Undergraduate Courses Taught

- HGT111/4: Techniques in Geography
- HGT111/4: Introduction to GIS
- HGF222/4: Physical Geography
- HGT219/3: Quantitative & Spatial Analysis Methods
- HGT220/3: Penderiaan Jauh Persekitaran
- HGT210/3: Techniques in Geography
- HGT220/3: Environmental Remote Sensing
- HGF221/3: Geographic Information Science
- HGF227/4: Climate, Weather & Biogeography
- HGF331/3: Geomorphology
- HGG250/3: Society, Space & Environment
- HGT319/3: Implementation & Application of GIS
- HGT218/4: Research Methods & Geography Field Trips
- HGF328/3: Biogeography
- HGF432/3: Sustainable Environment
- SHE101/4: Ethnic Relationships
- BAT202/3; BAT316/3: Oceanography
- BAT312/3: Freshwater & Marine Ecosystems
- BZT302/3; BZT496/3: Benthic Biology/Benthos

Post-Graduate Courses Taught

- HGT512/4: Digital Remote Sensing
- HGT522/4: Geographic Information Science & Business & Services Planning
- HGT523/4: Application Geographic Information Science in Natural Hazards Management
- HGT590/20: MSCGIS(Mixmode) Disertation

Graduate Supervision

PhD

- Muhammad Riza Adha Damanik
Year enrolled: 2009
Completed: 2015
Title of dissertation: Energy Efficiency of Shrimp Aquaculture in Indonesia: The opportunities and limitations of International Responsible Aquaculture Standard.
Supervisor: Chan Ngai Weng (Main supervisor) & Anisah Lee Abdullah
- Anastacia Amanda Anscelly
Year enrolled 2015
Status: Ongoing
Title (tentative): Application of Spatial Analysis tools for the Assessment of Seagrass Distribution Enhancement

Master Degree (Research)

- Nurbaidura Salim
Year enrolled: 2012
Completed 2015
Title of dissertation: Evaluation of Snorkelling Satisfaction at Pulau Payar Marine Park
Supervisor: Badaruddin Mohamed & Anisah Lee Abdullah
- Anastacia Amanda Anscelly
Year enrolled: 2013

Completed 2014

Title of dissertation: The Effect of Coastal Development on Seagrass Distribution of Pulau Pinang Waters.

Supervisor: Anisah Lee Abdullah

- Sharir Aizat kamaruddin
Year enrolled: 2013
Completed 2014
Title of dissertation: Optical Modeling of Water Quality Using Remote Sensing Imagery over Kedah Waters
Supervisor: Anisah Lee Abdullah
- Muhammad Nasir Bin Haji Abd Razak
Year Enrolled: 2009
Completed: 2012
Title of dissertation: Traditional Coastal Fishing Livelihood: Alternatives for Sustainability
Supervisor: Anisah Lee Abdullah
- Juliana Mohamed
Year Enrolled: 2008
Completed 2012
Title of dissertation: Limits of Acceptable Change as a Framework for Marine Park Management.
Supervisors: Zulfigar Yasin (Main supervisor) & Anisah Lee Abdullah
- Ong Ke Shin
Year enrolled: 2010
Completed 2014
Title of dissertation: Policies Evaluation of the Plastic Bag Ban Case Study in Penang, Malaysia.
Supervisor: Chan Ngai Weng (Main Supervisor) & Anisah Lee Abdullah
- Samantha Lee Boon Hiong
Year enrolled 2004
Completed: 2007
Project Title: Ecotourism in Cameron Highlands: Issues & Challenges
Supervisors: Chan Ngai Wei (Main Supervisor) & Anisah Lee Abdullah

Master's Dissertation (Mixed Mode) MSc. GIS

- Anathan
Year enrolled: 2006
Completed: 2008
Title: Tapak Pelupusan Sampah di Kulim Menggunakan GIS
Supervisor: Anisah Lee Abdullah
- Nuldianawati
Year enrolled: 2007
Completed: 2009
Title: Suitable Evacuation Locations for Flood Victims Using Remote Sensing Techniques.
Supervisor: Anisah Lee Abdullah
- Chan Lik Sing
Year: 2005
Project Title: Perubahan Zonasi Habitat di Pulau Singa Besar dan Pulau Tuba di Selatan Gugusan Kepulauan Langkawi
Supervisor: Anisah Lee Abdullah

Undergraduate Supervision

Final Year Projects

- Looi Yoke Ling
Year: 2003
Project Title: Taksonomi dan Kepelbagaian Buran Laut (Order: Actinaria) di perairan Pulau Pinang dan Kedah DarulAman dengan Penekanan Taburan dan Ekologi *Stichodactyla gigantea* di "Pulau Gazumbo", Pulau Pinang.
(Taxonomiy and Diversity Studies of Aea Anemone (Order: Actinaria) in Pulau Pinang and Kedah DarulAman with Special Emphasis on the Distribution and Ecology of *Stichodactyla gigantea* in "Pulau Gazumbo")
- Choong Swee Yan
Year: 2003
Project Title: Peralian Saiz Partikel dan kadar Sedimentasi dengan taburan rumput laut di Pulau Gazumbo, Pulau Pinang
(Relationship between Sediment Particle Size and Sedimentation Rate with seagrass distribution in Pulau Gazumbo, Penang)
- Karen Lee Chye Yin
Year: 2003
Project Title: Kajian Taburan dan Diversiti Famili Fungiidae di Teluk Datai, Pulau Langkawi, Kedah Darul Aman dan Pulau Pemanggil, Johor.
(Distribution and Diversity of Fungiidae Family in Teluk Datai of Pulau Langkawi, Kedah DarulAman and Pulau Pemanggil of Johor)
- Chaw Kit Yee
Year: 2003
Project Title: Kajian jenis dan peralihan Vegetasi bakau di regim Pasang Surut di kawasan Muara dan Sungai di Tanjung Rhu, Pulau Langkawi.
(Types and successions of mangrove vegetation within the tidal regime of rivermouth in Tanjung Rhu, Pulau Langkawi)
- Farwiza
Year: 2007
Project Title: Coral mapping on Teluk Datai, Pulau Langkawi
- Ester Ooi Hooi Kheng
Year: 2009
Project Title: The Coral Status of Pulau Langkawi , Kedah
- Devi Krishnan
Year: 2009
Project title: Taburan dan kepelbagaian rumput laut di perairan Pulau Pinang.
(Distribution and diversity of seagrass in Penang waters)
- Thangadurga Sundaran
Year: 2009
Project Title: Perhubungan antara indikator kualiti air fizikal dengan keamatan cahaya di perairan Pulau Pinang.
(Reltionship between physical water quality and light intensity in Penang waters)

Others - 100 % course work

- Geography Field Work (12 students) Semester I-II, 2004-2005
- Geography Field Work (38 students) Semester I-II, 2006-2007 (please refer to attachment for name list)

- Geography Field Work (20 students) Semester I-II, 2008-2009

Industrial Training/Practicum/Community Case Study

1. SHE101/4: Perhubungan Etnik Praktikum (sem 2 2005/2006) - 5 students
2. SHE101/4: Perhubungan Etnik Praktikum (sem 2 2006/2007) – 6 students
3. SHE101/4: Perhubungan Etnik Praktikum (sem 2 2007/2008) – 5 students
4. SHE101/4: Perhubungan Etnik Praktikum (sem 2 2008/2009) – 4 students
5. SHE101/4: Perhubungan Etnik Praktikum (sem 2 2008/2009) – 4 students
6. SHE101/4: Perhubungan Etnik Praktikum (sem 2 2008/2009) – 4 students
7. SHE101/4: Perhubungan Etnik Praktikum (sem 2 2008/2009) – 4 students
8. SHE101/4: Perhubungan Etnik Praktikum (sem 2 2008/2009) – 4 students
9. SHE101/4: Perhubungan Etnik Praktikum (sem 2 2008/2009) – 4 students
10. SHE101/4: Perhubungan Etnik Praktikum (sem 2 2008/2009) – 4 students
11. SHE101/4: Perhubungan Etnik Praktikum (sem 2 2008/2009) – 4 students

Consultancies

- The Effect Of Land Development on The Redang Islands With Particular Reference To The Coral Reef Habitat.
Client: Department Of Fisheries, Ministry of Agriculture Malaysia
Duration: 6 Months (1992)
- A Baseline Study of the Benthic and Coralline Environment of the Coastal Waters of Yan, Kedah, Peninsular Malaysia.
Duration: 4 Months(1992)
- Assesment Of The Status of the Marine Environment of Johor Islands
Client: United Nation Environment Programme (UNEP) / Malaysian Nature Society (MNS)
Duration: 2 Month (1993)
- Assessment of the Flora and Fauna of the Marine Environment Of The Johor Group of Island at South China Sea.
Client: Malaysia Nature Society
Duration: 8 Months (1993-1994)
- Marine Survey for the Pulau Kerengga Oil Refinery, Terengganu, Malaysia.
Client: Japan International Cooperation Agency (JICA)
Duration: 6 Months (1993-1994)
- Coastal Zone Management and Marine Resource Inventory of Pulau Aur and Pulau Pemanggil, Johor.
Clint: Johor State Government
Duration: 12 Months (1997)
- Kedah Coastal Reclamation Project
Client: Kedah State Government
Duration: (4 months) 1997
- Monitoring of Coastal and Marine Environment (Water Quality) of Tanjung Rhu, Pulau Langkawi.
Client: Kedah State
Duration: 1997 – 1998
- Monitoring of Coastal and Marine Environment (Water Quality) of Tanjung Rhu, Pulau Langkawi.
Client: Kedah State
Duration: 1999--2000