

DR. NAMALI THARANGA SIRISOMA
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Profile

I am an energetic, ambitious person who has developed a professional and responsible approach to any task that I undertake.

With my more than 20 years of experience in lecturing, research and consultancy in Transportation Engineering, Transportation Management and Logistics fields, I am a well-recognized person in the academic and corporate sector.

Being the Aerodrome Engineer in Civil Aviation Authority of Sri Lanka I was fortunate to experience a life time project of constructing 4F category runway which can facilitate A380 aircraft in Sri Lanka. I have been trained in airport planning, aircraft accident investigation, aerodrome audit procedures and many more in Aviation field. As a member of the academic team in the Department of Transport and Logistics Management in University of Moratuwa, I got involved in curriculum development and other initial preparations of the BSc in Transport and Logistics Management Degree. I extended my knowledge in General Sir John Kotelawala Defence University as the consultant to commence the Logistics Management Degree in 2011.

Being a Chartered member of Chartered Institute of Logistics and Transport (UK), Institute of Engineers (Sri Lanka) and member of Institution of Transportation Engineers (USA) I have established my professional experiences and network locally and internationally.

My goal is to be one of the best professionals in Logistics and Transport in Sri Lanka and become a policy maker of this country.

Summary

- I. Director Career Guidance Unit in General Sir John Kotelawala Defence University, Ratmalana, Sri Lanka
- II. Dean Faculty of Management, Social Sciences and Humanities in General Sir John Kotelawala Defence University, Ratmalana, Sri Lanka
- III. Senior Lecturer Grade I in General Sir John Kotelawala Defence University, Ratmalana, Sri Lanka. Main teaching areas: Transportation Management, Terminal Planning, Aviation Legislation, Transport Data Collection and Analysis, Research Methodology and Disaster Management
- IV. Technical Consultant in Transportation Planning and Engineering in Ministry of Megapolis and Western Region Planning in Sri Lanka in 2016 and 2017
- V. Aerodrome Engineer Design and Standards in Civil Aviation Authority Sri Lanka
- VI. Academic Consultant for degree program B.Sc. (Defence Studies) Logistics Management in General Sir John Kotelawala Defence University Sri Lanka
- VII. Post-doctoral Fellow in Dept. of Civil Engineering in University of Calgary, Canada
- VIII. Research Assistant in Dept. of Civil Engineering in University of Hong Kong
- IX. Research Assistant in Dept. of Civil and Structural Engineering in Hong Kong Polytechnic University
- X. PhD from the University of Moratuwa, Sri Lanka
- XI. Chartered Civil Engineer in Institution of Engineers Sri Lanka
- XII. Chartered Member of Chartered Institute of Logistics and Transport UK
- XIII. Vice Chairperson in Chartered Institute of Logistics and Transport Sri Lanka

Working Experience

Teaching and Research Experience

1. Director Career Guidance Unit in General Sir John Kotelawala Defence University, Ratmalana, Sri Lanka
2. Dean Faculty of Management Social Sciences and Humanities from 12 September 2017 to September 2020

- Duties and Responsibilities: Look after academic work of Three Departments of Department of Management and Finance, Department of Social Sciences and Department of Languages. Overall in charge of academic, academic support and non-academic staff of the faculty and exercise administrative control and supervision of work. Liaise with other Higher Educational institutes maintaining and promoting academic standards, quality assurance of degree programmes offered by the faculty*
3. Head of the Department Management & Finance in General Sir John Kotelawala Defence University, Ratmalana, Sri Lanka from May 2014 to 08 September 2017
Duties and Responsibilities: Look after academic matters in conducting degree programmes: BSc in Logistics Management, BSc in Management and Technical Sciences, MSc in Management, MBA in Logistics Management.
Curriculum development and evaluation in postgraduate programmes: MBA in Logistics Management in Army Logistics School Trincomalee, MSc in Management in KDU, MBA in Logistics Management in KDU, BSc in Defence Studies in Sri Lanka Military Academy – Diyathalawa, BSc in Aviation Studies in Sri Lanka Air Force Academy – Chaina Bay, Preparation of Research Guideline for Defence Services Command and Staff College, Batalanda
 4. Senior Lecturer Grade I in General Sir John Kotelawala Defence University (KDU) Sri Lanka from December 2013 to up to date
Duties and Responsibilities: Undergraduate and Postgraduate lecturing & research in Transport and Logistics, Transport Planning, Aviation. Research and consultancy on Transport & Logistics, Public Transport Planning and Operation, Aviation etc. Administration work as the Head of the Department of Management & Finance, Course Coordinator of MSc in Management Programme, Examiner in viva-voce examinations in MSc in Management, MBA in Logistics Management and PhD programmes,
 5. Visiting Lecturer in Postgraduate Programmes of MSc in Management, MSc in Civil and Structural Engineering and MBA in Logistics Management in General Sir John Kotelawala Defence University, Ratmalana

Duties and Responsibilities: Conduct Lectures, preparation of assignments and examination papers, research supervision, Thesis evaluation, attending viva panels in Transportation Management, Transportation Engineering and Research Methodology

6. Visiting Lecturer in postgraduate programmes in accredited institutes to General Sir John Kotelalwala Defence University

Duties and Responsibilities: Postgraduate lecturing & research on Transport and Logistics, Transport Planning, Research Methodology, Transportation Management in Defence Services Command and Staff College - Batalanda, Army Logistics School – Trincomalee, Examiner in final viva-voce examinations in Defence Services Command and Staff College - Batalanda, Long Logistics course in Naval Academy, Trincomalee.

7. Visiting Lecturer at General Sir John Kotelawela Defence University Sri Lanka from January 2012 to 2013

Duties and Responsibilities: Conduct Lectures, preparation of assignments and examination papers on Terminal Planning and Operations, Reliability of Transport Systems and Introduction to Transportation Management.

8. Visiting Lecturer for MEng. /M.Sc. Program in Transportation Engineering in Department of Civil Engineering, University of Moratuwa Sri Lanka August 2010 to up to date.

Duties and Responsibilities: Conduct Lectures on Transport Systems and Roundabout Design, Airport Infrastructure Planning, setting exam papers and assignments. Examiner in final viva-voce examinations.

9. Post-doctoral Fellow in Department of Civil Engineering in University of Calgary from May 2008 to December 2009

Duties and Responsibilities: Research work in Rail Transport and carried out two research projects. The first project of 'Reliability of LRT system in Calgary' is done for the Calgary Transit Canada and the other project is on 'Approach to Coastal Railway Line Evacuation under a Tsunami Warning' for Sri Lanka Southern Coastal Railway Line in disaster management. Lecturing in both

- Undergraduate and Postgraduate classes. Assist the final year undergraduate research project.*
10. Research Assistant in Department of Civil and Structural Engineering in Hong Kong Polytechnic University from January 2008 to April 2008
Duties and Responsibilities: worked on a research project in para-transit titled 'Empirical Evidence for the Taxi Driver Customer – Search Model'. A logit model was developed using NLogit 3.0 and validated with a theoretically developed model for Hong Kong. This was a joint research with University of Hong Kong
 11. Research Assistant in Department of Civil Engineering in University of Hong Kong from October 2007 to January 2008
Duties and Responsibilities: worked on a research project in para-transit titled 'Empirical Evidence for the taxi driver Customer – search Model'. A logit model was developed using NLogit 3.0 and validated with a theoretically developed model for Hong Kong. This was a joint research with Hong Kong Polytechnic University
 12. Senior Lecturer Grade II at the Department of Transport and Logistics Management in University of Moratuwa from April 2007 to October 2007
Duties and Responsibilities: Undergraduate and Postgraduate lecturing on Transport and Logistics, Transport Planning. Research and consultancy on Public Transport, Transport Logistics, Public Transport Planning and Operation
 13. Visiting Lecturer in the Postgraduate Degree (M.Sc./M. Eng. /PG Diploma) program conducted by the Transportation Engineering Division in Department of Civil Engineering in University of Moratuwa in 2007
Duties and Responsibilities: Postgraduate lecturing and research on Public Transport Planning and Operations, Roundabout Design
 14. Lecturer at the Department of Transport and Logistics Management in University of Moratuwa from January 2006 to April 2007
Duties and Responsibilities: Undergraduate and Postgraduate lecturing on Transport and Logistics, Transport Planning. Research and consultancy on Public Transport, Transport Logistics, Public Transport Planning and Operations

15. Temporary Lecturer at the Department of Civil Engineering in University of Moratuwa from July 2002 to December 2005
Duties and Responsibilities: Undergraduate and Postgraduate lecturing on, Transportation Engineering and Planning, Public Transport Operations and Design, Fundamentals of Transportation Engineering, Traffic Engineering and Design. Research and consultancy on Public Transport, Transport Logistics, Road Safety, Public Transport Planning and Operations, Traffic Impact Studies
16. Visiting Lecturer at the General Sir John Kotelawala Defence Academy from 1999 to 2007
Duties and Responsibilities: Lecturing and supervising undergraduate projects in Surveying, Transportation and Highway Engineering
17. Visiting Lecturer in the University of Ruhuna, Hapugala, Galle from 2003 to 2007
Duties and Responsibilities: Undergraduate Lecturing on Highway Engineering, Advanced Surveying. Setting examination papers and evaluation.
18. Visiting Lecturer in the Institution of Engineers Sri Lanka in 2006
Duties and Responsibilities: Lecturing and fieldwork on Surveying. Setting examination papers and evaluation.
19. Visiting Lecturer in Traffic Police Sri Lanka from 2000 to 2007
Duties and Responsibilities: Lecturing and fieldwork on Traffic Management and operations
20. Research assistant in the Transportation and Planning Division from January 1999 to June 1999
Duties and Responsibilities: Research and consultancy work in Transport Planning, Road Safety, Highway Planning and feasibility studies
21. Temporary Instructor in the Department of Civil Engineering in University of Moratuwa from June 1999 to March 2000
Duties and Responsibilities: Conduct undergraduate fieldwork and tutorial classes in Hydraulics Engineering, Geotechnical Engineering and Transportation Engineering

Short courses Taught

1. Public Transport Systems Design - University of Moratuwa

Academic Consultancy and Industry Experience

1. Aerodrome Engineer Design and Standards in Civil Aviation Authority Sri Lanka
September 2010 to September 2013

Duties and Responsibilities: Develop/amend Civil Aviation Regulations, establish principles, Manual of Aerodrome Standards and standards for water aerodromes and heliports, technical guidance relating to aerodrome standards and practices. Review feasibility studies, master plans and detailed designs of prospective and existing airports, EIA reports for the proposed airport construction/rehabilitation works in Sri Lanka. Participate in the preparation of ICAO USOAP, with particular emphasis on compliance with ICAO Annex 14 Standards and Recommended Practices. Practices and procedures relevant to aerodrome safety regulation function, including ICAO Aerodrome standards and recommended practices and associated guidance material relating to the design and operations of aerodromes and heliports. Certification of designs and constructions of national and international airports and heliports

2. Academic Consultant to the General Sir John Kotelawala Defence University Sri Lanka from February 2010 to 2013

Duties and Responsibilities: Design the curriculum for the new degree program on BSc in Logistics Management. Advise the Vice Chancellor, Dean and Head of the department on appointing academic staff examination procedures, assignment techniques, necessary steps in improvements on the degree program. Continuous monitoring of the quality of the degree program. Conduct lectures as required. Advise and guide the staff on the development of the program.

Research Supervision

PhD Research

1. N. Wedasinghe, *Technology Adoption and Disability Digital Divide: An Empirical Study on Sri Lanka*, Sir John Kotelawala Defence University of Sri Lanka, 2020

Master's Research

1. Lt. Com Charith Ubayasekara, *Rail Cargo Transportation for Sri Lanka Navy*, MBA in Logistics Management, Naval and Maritime Academy, Sri Lanka (Accredited to General Sir John Kotelawala Defence University), 2020
2. Com. Ranga Karunathilake, *Analysis on the Strategic Importance of Location of Mahinda Rajapakshe International Airport*, MBA in Logistics Management, Naval and Maritime Academy, Sri Lanka (Accredited to General Sir John Kotelawala Defence University), 2020
3. Grp Capt. RMT Rajapaksha, *Usage of Three Wheelers and Motor Cycles as A Strategy to Reduce Short Distance Transportation Cost of Sri Lanka Air Force*, MBA in Logistics Management, General Sir John Kotelawala Defence University of Sri Lanka, 2020
4. H.L.N.N. Nanayakkara, *The Performance Evaluation of Development On Container Terminal for Managing Port Congestion: Case Study of Colombo Port in Sri Lanka*, MBA in Logistics Management, General Sir John Kotelawala Defence University of Sri Lanka, 2020
5. Palitha Nilanga Godellawatta, *An Analysis on Effectiveness of the Last Mile Distribution of Humanitarian Logistics During the Flood Disasters in Sri Lanka*, MBA in Logistics Management, General Sir John Kotelawala Defence University of Sri Lanka, 2020
6. Brig. DAK Dissanayake, *Design and Implementation of Light Vehicle Fleet Management System in the Sri Lanka Army Using GPS Tracking Application*, MBA in Logistics Management, General Sir John Kotelawala Defence University of Sri Lanka, 2020
7. Wing Commander MPPC Perera, *Factors Affecting Aircraft Accidents and Prevention of Accidents in the Sri Lanka Air Force*, MSc in Management, General Sir John Kotelawala Defence University of Sri Lanka, 2020

8. Captain Yoosuf Rasheed, *The role of Military in Disaster Management: A Maldives perspective*, MSc in Management, General Sir John Kotelawala Defence University of Sri Lanka, 2020
9. Wing Com. MPPC Perera, *Factors Affecting Aircraft Accidents and Prevention of Accidents in the Sri Lanka Air Force*, MSc in Management, General Sir John Kotelawala Defence University of Sri Lanka, 2019
10. Wing Com. MHMTCK Bandara, *Modernizing Airspace Management Strategy to overcome the Future Aviation Challengers with respect to the National security in Sri Lanka*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2019
11. Major GAVSK Ganepola, *Evaluation of potential of using Unmanned Aerial Vehicles in Effective Disaster Management Activities in Sri Lanka Army*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2019
12. Lt Cdr Prashant K Mishra, *Analysis on Trade and Tourism Feasibility by Road Connectivity between India and Sri Lanka*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2019
13. Sqn Ldr RND Senadheera, *Impacts of Increasing Population of Three-Wheelers on Traffic Congestion in Negombo Town*, MSc in Management, General Sir John Kotelawala Defence University of Sri Lanka, 2019
14. DNE Lakmal, *Determinants of customer acceptance and service continuation intention of the Touch travel pass terminals with special reference to transportation industry in Western Province - Sri Lanka*, MSc in Management, General Sir John Kotelawala Defence University of Sri Lanka, 2018
15. R.S.Jayasinghe, *Analysis of Cargo Transportation in Main Line in Sri Lanka*, MBA in Logistics Management, General Sir John Kotelawala Defence University of Sri Lanka, 2018
16. Maj Amila Nagahawatte, *Applicability of GPS Based Vehicle Movement Monitoring System for Increase Efficiency of Heavy Vehicle Transportation in Sri*

- Lanka Army*, MBA in Logistics Management, Army Logistics School, Trincomalee (Accredited to General Sir John Kotelawala Defence University), 2018,
17. Maj UWP Kumara, *Impact of Transportation for the Performance of Building Construction Project in Colombo Metropolitan Region*, MBA in Logistics Management, Army Logistics School, Trincomalee (Accredited to General Sir John Kotelawala Defence University), 2018
 18. Captain DDP Nissanka, *Development of Search and Rescue Plan during Disaster for Sri Lanka Army: Case of Floods*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2018,
 19. Maj INF Antony Triwibowo, *Indonesian Army's Preparedness for the Natural Disaster Management Role*, Pass Staff Course (psc), Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2018
 20. Major Hussain Rasheed, *A Sustainable Medical Evacuation Service in Maldives; Challenges and Way Forward*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2018
 21. Sq Ldr Duminda Gamage, *An evaluation of Job opportunities for the aviation engineering students in civil/military aviation sector in Sri Lanka*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2018
 22. Sqn Ldr SHGT Silva, *Impact on the Construction of Runway in Kandy*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2017
 23. LCDR(SBS) DS Lokuge, *Reviewing Disaster Management Policy in Sri Lanka with Special Reference to Land Slide Effects of Samasara Kanda Aranayaka*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2017

24. Maj PGAP Jayawardane, *Improving The Competencies of Sri Lanka Army Infantry Soldiers for Effective Flood Disaster Relief Operation in Colombo District*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2017
25. Capt POVK Pathirana, *Develop of Structure and Activity Plan for Sabaragamuwa Province in Disaster Management*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), Subjected to results evaluation, 2017
26. LCdr(S) KVD Weeraratne, *Proposals for Environment Impact on Reverse Logistics: Special Reference to Electronic Appliances*, MBA in Logistics Management, Naval and Maritime Academy, Sri Lanka (Accredited to General Sir John Kotelawala Defence University), Submitted for evaluation
27. LCdr(S) NPN Chandrasena, *Exploring Issues and Limitations of 3PL (Warehouse Service Providers) Companies, Private Sector Organizations in Sri Lanka*, MBA in Logistics Management, Naval and Maritime Academy, Sri Lanka (Accredited to General Sir John Kotelawala Defence University), 2017
28. LCdr (S) TK Weerasinghe, *Improvement of Logistics Infrastructure in Coastal Belt of Southern Province of Sri Lanka and Its Effect to Development of Tourism*, MBA in Logistics Management, Naval and Maritime Academy, Sri Lanka (Accredited to General Sir John Kotelawala Defence University), 2017
29. Cdr. SR. Rupasena, *How Sri Lanka Navy Can Be Success in Emergency Management*, MSc in Management, General Sir John Kotelawala Defence University of Sri Lanka, 2017
30. Cdr. MAL Perera, *Assessment of Effectiveness of Sri Lanka Navy Transport Management Role of Naval Logistics Department*, MBA in Logistics Management, General Sir John Kotelawala Defence University of Sri Lanka, 2017
31. WRL Karunakalage, *Critical Factors Influencing Fatal Accidents in Galle Police Division of Sri Lanka*, MBA in Logistics Management, General Sir John Kotelawala Defence University of Sri Lanka, 2017

32. LCdr (S) UHT Wijesekara, *Development of Branding Strategy for Sri Lanka Transport Board*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2017
33. Maj. JACR Jayasooriya, *Utilization of Commando Soldiers in Relief Operations during disaster situations*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2017
34. Maj. LGLB Gunarathne, *Military Drivers and Road Discipline in Sri Lanka*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2017
35. Sqn Ldr WV Premasinghe, *Use of Modern Technology in Improving Road Discipline in Sri Lanka*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2017
36. Sanjeewa Kottegoda, *Optimize of the Passenger Vehicles Usage at SriLankan Airlines*, MBA in Logistics Management, Sir John Kotelawala Defence University of Sri Lanka, 2016
37. Cdr SCS Jeewakarathna, *Maintaining Connectivity of SAARC Countries Opportunities and Challenges*, MSc in Management, Sir John Kotelawala Defence University of Sri Lanka, 2016
38. LCdr (ND) SGN Perera, *Ongoing Green Practices in Private Organizations in Colombo*, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2016
39. SqLdr. SGNUK Wickramasinghe, *How to Optimize the Kandy Colombo Route Operated by Sri Lanka Transport Board*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2016
40. Wg Cdr KMSPB Kulathunga, *Future of The Domestic Aviation Industry with The Development of the Expressway Network in Sri Lanka*, MSc in Defence and

- Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2016
41. LCdr. Sumeda Nuwan, *Modernization of Sri Lanka Railways to Overcome Road Traffic*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2015
 42. Sq Ldr MSH Alyazidi, *Young Drivers Are Major Contributors in Car Accidents in the Sultanate of Oman*, MSc in Defence and Strategic Studies, Defence Services Command and Staff College, Batalanda (Accredited to General Sir John Kotelawala Defence University), 2015

PhD Evaluations

1. HUCP Hewawasam, *A Model to prioritize pedestrian facilities requirements in an Urban Environment*, Department of Civil Engineering, University of Moratuwa, 2017
2. PCP de Silva, *Development of GIS Based Land Use Model that Integrates the Land Use and Transport Infrastructure Development Scenarios*, Department of Civil Engineering, University of Moratuwa, 2016

Academic Activities -Publications

Publications

Editorial and Review Work

1. Reviewer of papers Journal of the National Science Foundation of Sri Lanka, 2019

2. Paper Reviewer on International Research Conference on Smart Computing and Systems Engineering, Sponsored by IEEE Sri Lanka Section, University of Kelaniya, 2019
3. Reviewer of papers in R4TL, conference, Sri Lanka, 2018
4. Reviewer of Moratuwa Engineering Research Conference (MERCon), 2018 to date
5. Reviewer for International Conference on Advances in Highway Engineering & Transportation Systems (ICAHETS, 2017), of University of Moratuwa, Sri Lanka
6. Editorial Board Member of Logistics Times Magazine, Department of Management and Finance, General Sir John Kotelawala Defence University 2016 to date
7. Paper Reviewer of Moratuwa Engineering Research Conference 2017 (MERCon 2017) of University of Moratuwa, Sri Lanka
8. Paper Reviewer of KDU Journal of multidisciplinary Studies in General Sir John Kotelawala Defence University in 2017
9. Paper Reviewer of KDU International Research Conference (KDU-IRC) in General Sir John Kotelawala Defence University from 2014 to date
10. Paper Reviewer of IESL Annual Sessions 2017 (IESLAS2017) of Institution of Engineers, Sri Lanka
11. Member of Editorial Advisory Board of Kelaniya Journal of Human Resource Management, Vol 1 9-No1 – Jan 2014 and No 2 – July 24, ISSN: 1800-1793, Printed in 2016
12. Editor of Proceedings of International Research Conference 2014 in General Sir John Kotelawala Defence University, Sri Lanka, February 2015, Law: ISBN 978-955-0301-09-6, Medicine: ISBN 978-955-0301-13-3, Engineering and Technical Sciences: ISBN 978-955-0301-14-0, Management Social Sciences and Humanities: ISBN 978-955-0301-11-9, Allied Health Sciences: ISBN 978-955-0301-10-2, Defence: ISBN 978-955-0301-12-6

Journals

1. Wedasinghe, N , Sirisoma N, Wicramarachchi A.P.R., Bridging the Disability Digital Divide: an Empirical study on Sri Lanka: American Journal of Mobile Systems, Applications and Services, Vol. 1, No. 2, October 2015 Publish Date: Jul. 31, 2015 Pages: 94-101
[online] <http://files.aiscience.org/journal/article/html/70110017.html>
2. Sirisoma, R.M.N.T., Wirasinghe, S.C., Zanzotto, L., An Approach to a Coastal Railway Line Evacuation under a Tsunami Warning, *Journal of Natural Hazards*, November 2013, ISSN (online): 1527-6996
3. Sirisoma, R.M.N.T., Wirasinghe, S.C., Zanzotto, L., An Approach to a Coastal Railway Line Evacuation under a Tsunami Warning, *Journal of Natural Hazards*, February 2015, Volume 16, Issue 1, ISSN (print): 1527-6988, pp 05014005-1 to 9
4. Sirisoma, R.M.N.T., Wong, S.C., Lam, W.H.K., Wang, D., Yang, H. and Zhang, P. Empirical evidence for taxi customer-search model. *Proceedings of the Institution of Civil Engineers UK*, Transport 163(4), 203-210, 2010.

Conferences

Full Paper Peer Reviewed

1. Sahana Vithanagama and RMNT Sirisoma A Study on Women's Empowerment in Aviation Industry in Sri Lanka, KDU International Research Conference 2020, October 2020
2. T Silva, RMNT Sirisoma and PC Dissanayake, *Aviation Demand for the Construction of a Runway in Kandy*, KDU International Research Conference 2019, August 2019
3. KPD Damsara, RMNT Sirisoma, *Analysis on Punctuality in Railway Transportation; Coastal Railway line, Sri Lanka*, Transactions 2019 Part B- Technical Papers, Institute of Engineers Sri Lanka, October 2019, pp 389-394
4. R.K.T.K. Ranawaka, R.M.N.T. Sirisoma, *Analysing the Existing Conditions of Freight Transportation in Horana*, Institute of Engineers – Sri Lanka Technical Sessions, Transactions 2018 Part B Technical Papers, Institute of Engineers Sri Lanka, October 2018, pp 293 - 300

5. KDP Damsara, WMGD Weerasekara, RMNT Sirisoma, TWKIM Dias, *Introducing a New Traffic Operational Strategy to Minimize Congestion on Galle Road; Dehiwala – Wellawatta*, KDU International Research Conference 2018, August 2018
6. N Wedasinghe, NT Sirisoma, APR Wicramarachchi, *Web, Mobile and Computer Accessibility: Issues Faced by the Sri Lankan Visually Impaired Community*, KDU International Research Conference 2018, August 2018
7. N Wedasinghe, N Sirisoma, R Wicramarachchi, *Social exclusion and disability digital divide: Findings from Sri Lanka base analysis*, 15th Asia Pacific Research Conference, Japan, November 2017
8. K.P.H.S Kalahe and R.M.N.T Sirisoma *Feasibility Analysis of Inland Water Transportation from Peliyagoda to Hanwella along Kelani River*, IESL Technical Sessions, Transactions 2017 Part B Technical Papers, Institute of Engineers Sri Lanka, October 2017
9. Wedasinghe, N, Sirisoma N, Wicramarachchi APR, *Building Digitally Inclusive Differently Aabled Community in Sri Lanka: An Information and Communication Technology Policy Framework*, KDU International Research Conference 2017, August 2017
10. Wedasinghe, N, Sirisoma N, Wicramarachchi A.P.R, *A Framework to overcome disability digital divide in Sri Lanka*, 17th International Postgraduate Research Conference (IPRC) 2016, University of Kelaniya Sri Lanka, December 2016,
11. Chaturanga D.A.R, Sirisoma R.M.N.T., *A Study on Passenger Attitudes towards Future Inland Ferry Service from Negombo to Colombo*, KDU International Research Conference 2016, August 2016
12. Wedasinghe N., Sirisoma N., Wicramarachchi R., *Technology Adoption and Disability Digital Divide: An Empirical Study on Sri Lanka*, KDU International Research Conference 2015, Sri Lanka, August 2015
13. Sirisoma R.M.N.T., Wirasinghe S.C., Morgan D.G., *Reliability and Delay in LRT Operation in Calgary*, World conference of Transport research, Lisbon, July 2010

14. Sirisoma, R.M.N.T., Zanzotto, L. and Wirasinghe, S.C., *Planning Guidelines for a Coastal Railway Line Evacuation under a Tsunami Warning*, Annual Conference of Hong Kong Society for Transportation Studies, Kowloon, Hong Kong, December 2009
15. Sirisoma R.M.N.T., Wirasinghe S.C., *Reliability of a Coastal Railway Line under a Tsunami Warning*, Coastal, Estuarine and Offshore Engineering Specialty Conference of the Canadian Society for Civil Engineering, St. John's, Newfoundland, May 27th -30th, 2009
16. Sirisoma R.M.N.T., Wong S.C., Lam W.H.K., Wang D., Yang Y., Zhang P., *Empirical Evidence for the taxi driver Customer – search Model*, 88th Annual meeting of TRB in Washington DC, 11th - 15th January 2009
17. Sirisoma, R.M.N.T., Wirasinghe S.C., Morgan, D.G., *Reliability and Delay in LRT Operations*, 13th International Conference of Hong Kong Society for Transportation Study in Hong Kong, December 12- 14, 2008
18. Sirisoma R.M.N.T, Bandara J.M.S.J., *Re-Planning Bus Route Networks to Meet Growing Changes in Urban Environments*, 11th International Student Seminar On Transport Research Symposium, November 29th to December 1st 2005, Chiba, Japan
19. Bandara J.M.S.J., Sirisoma R.M.N.T, *Methodology for Planning Primary Route Network of a Regional Bus Service in a Developing Country*, Croucher Advanced Study Institute (ASI) Workshop in Transport Planning in the Polytechnic University of Hong Kong, December 2002
20. Sirisoma R.M.N.T., Bandara J.M.S.J. *Methodology for Fine Tuning Planning Primary Route Network for Regional Bus Route Network in the Western Province*, Institution of Engineers Sri Lanka, Annual Sessions, 2004
21. Sirisoma R.M.N.T., Bandara J.M.S.J. and Kumarage K.A.S., *Development of a Methodology for Bus Route Network Plan for the Western Province*, ERU Symposium, University of Moratuwa, 2002
22. Sirisoma R.M.N.T., Bandara J.M.S.J. And Kumarage K.A.S., *Development of Passenger Demand O-D Matrix for Public Bus Transportation in Western Province*, ERU Symposium, University of Moratuwa, 2001

23. Amal S Kumarage, J Baratha Dodankotuwa, Ravindra Wijesundara, and Namali Sirisoma, *Development of a Regional Transport Plan: Case Study of Proposed Horana Growth Center*, ERU Symposium, University of Moratuwa, 2001

Abstract/Extended Abstract Peer Reviewed

1. Pubudu Damsara, Dimantha De Silva & Namali Sirisoma, *Analysis on Transport Mode Choices of School Children in Colombo District*, Sri Lanka, Transport Research Forum, University of Moratuwa, 11 – 12 December 2020
2. Dayawandha S.K.N.M., Sirisoma R.M.N.T., *Impact of Performance Based Navigation (PBN) Technology on Air Navigational Activities at Bandaranaike International Airport Sri Lanka*, R4TL Conference Proceedings 2017, ISSN:2513-2512, PP 143-145, July 2017
3. Paulusz N.N., Sirisoma R.M.N.T., *Traffic Impacts at Dehiwela Flyover on Level of Service of the Intersection: Case Study*, Transport Research Forum, University of Moratuwa, Sri Lanka, August 2016
4. Devasurendra K.W., De Silva G.L.D.I., Sirisoma R.M.N.T., Bandara J.M.S.J., *Formulation of a Rapid Transit Route Network for Colombo*, Transport Research Forum, University of Moratuwa, Sri Lanka, August 2016
5. Sirisoma R.M.N.T., Wirasinghe S.C., *IT based Evacuation Methodology for a Coastal Railway System Under a Tsunami Warning*, International Conference on Advances in Highway Engineering & Transportation Systems, Colombo, Sri Lanka, July 2011
6. Sirisoma R.M.N.T., Wirasinghe S.C., *Coastal Railway Evacuation Under a Tsunami Warning*, Symposium on Sharing Knowledge for Sustainable Peace, Sir John Kotelawala Defence University Sri Lanka, August 2010
7. Bandara J.M.S.J., Sirisoma R.M.N.T., *Passenger Demand Estimate for the Bandaranayake International Airport*, 56th Annual Seminar of Sri Lanka Association of Advancement of Science, University of Peradeniya, Sri Lanka, 2000

8. Sirisoma R.M.N.T., Seneviratne M.W.R.I., Sourjah T.R.J., Bandara J.M.S.J., *Effectiveness of Stop Sign Control at an Intersection*, 56th Annual Seminar of Sri Lanka Association of Advancement of Science, University of Peradeniya, Sri Lanka, 2000

Keynote Presentations

1. Guest Speaker in Training Day of Sri Lanka Light Infantry at Panagoda, Challenges in Future Development in Sri Lanka with new Technologies, November 2019
2. Guest of Honour of Aeronautical Day 2017 of Anula Vidyalaya, Nugegoda, *Job Opportunities in Aviation Field*, 19 May 2017
3. Wirasinghe S.C., Sirisoma R.M.N.T., Zanzotto L., *Approach to Coastal Railway Line Evacuation under a Tsunami Warning*, International Conference on Impact of of natural hazards and disasters on social & economic infrastructure development, Sri Lanka, 2nd to 4th July 2009
4. Wirasinghe S.C., Sirisoma R.M.N.T., Morgan D.G., *Reliability and Delay in LRT Operations*, 13th International Conference of Hong Kong Society for Transportation Study in Hong Kong, 12th- 14th December 2008

Other Presentations

1. Guest Lecture for official in Transport authorities on Public Transport Planning at Sri Lanka Foundation Institute, Organised by the National transport Commission, October 2018
2. Guest Lecture on Transport Management at Corps of Engineer Services Training Day at RHQ CES Panagoda, December 2018
3. Sirisoma R.M.N.T, Safety Concerns in Airport Planning and Operations, Institute of Engineering Technology, March 2012
4. Sirisoma R.M.N.T., Wirasinghe S.C., Coastal Railway Evacuation Under a Tsunami Warning, *Institute of Engineers Sri Lanka*, June 2011

Reports

1. *Western Region Megapolis Transport Master Plan*, Ministry of Megapolis and

- Western Region November 2016, <https://megapolis.gov.lk/downloads/>
2. *The Megapolis, Western Region Master Plan 2030*, Ministry of Megapolis and Western Region, 2016, <https://megapolis.gov.lk/downloads/>
 3. *Preliminary Feasibility Study for Ratmalana City Airport*, Hybrid Airports (Private) Limited, Sri Lanka, December 2013
 4. *Quality Controlling of engineering Constructions* at Mattala Rajapakshe International Airport – Draft, August 2013
 5. *Reliability of LRT system in Calgary* for Calgary Transit, Canada, 2011
 6. *Transport Study on Proposed Canal Transit mode on Wellawatte Canal* for Infoconsult Inc. Toronto, Canada, 2003
 7. Kumarage A., R. Wijesundera and N. Sirisoma, ‘*A Transport Plan for the Development of the Horana Growth Center*’, University of Moratuwa, Sri Lanka, January 2001

Magazines

1. Potentials of Ratmalana Airport to be Developed as a Domestic Aviation Hub, Logistics Times Magazine, Department of Management and Finance, General Sir John Kotelawala Defence University, 2017

Educational

1. **PhD in Transportation Engineering** in 2006 from University of Moratuwa Sri Lanka
Title of the Research: Development of a Bus Route Plan for the Western Province Sri Lanka
2. **Graduate in BSc in Civil Engineering** with a second-class upper division in 1999 from University of Moratuwa Sri Lanka
3. Teaching Certificate Program, University of Calgary, Canada, Fall 2009
4. **G.C.E (A/L) in Mathematics in 1992** with aggregate marks of 301 out of 400 from Dharmasoka College, Ambalangoda, Sri Lanka
Physics – A, Chemistry – A, Applied Mathematics – A, Pure Mathematics - B

Awards

1. NRC Merit award for Scientific Publication – 2015, National Research Council, Sri Lanka, 2017
2. Sri Lanka Education Leadership Awards, Best Professor in Transportation Management from the World Education Congress in 2017
3. Best Graduated in Transportation and Geotechnical Engineering in the University of Moratuwa, 1999
4. Award for the Best Transportation Research Project from the Chartered Institute of Logistics and Transport, Sri Lanka, 2003

Short Courses Followed

1. Methodology of Multiple Criteria Decision Making / Aiding in Public Transportation, University of Calgary Canada, 2009
2. Intelligent Transport Systems, University of Moratuwa
3. GIS applications in Transportation, University of Moratuwa

Trainings

1. Aircraft Accident Investigation Analysis organized by Air Safety investigators and Civil Aviation Authority of Sri Lanka, January 2012
2. Aerodrome Audit Procedures organized by COSCAP, Sri Lanka, September 2010
3. Aerodrome Inspectors Training Program organized by ICAO – COSCAP, Sri Lanka, July 2010
4. Franklin Covey's "Leadership is a choice not a position" University of Calgary, Canada, January 2009
5. Instructional Skills Workshop – University of Calgary, Canada, January 2009
6. Out Bound Management Training in Wild Drift Private Ltd on Leadership and Team Building, Sri Lanka, March 2007
7. Training on Network Analyst module in GIS, Sri Lanka, May 2007
8. Training on Geographic Information Systems (GIS) Sri Lanka, August 2006

9. Comprehensive English Program on “Teacher Training Methodology” Conducted by Professional Training Centre, British Council, Sri Lanka, April 2005
10. Summer school in “Mobility”, Singapore, year 2001
11. Workshop in “Road Safety” in Indian Institute of Technology, New Delhi, India, 2000

Consultancy Work

Coordination or Participation of Project Works in the Transportation Engineering team of University of Moratuwa

1. Feasibility Study on Proposed Colombo – Kandy Alternate Highway in Sri Lanka, 2006
2. Transport Study on Proposed Canal Transit mode on Wellawatte Canal for Infoconsult Inc. Canada, 2003
3. Public Enterprises Restructuring Committee (PERC) Bus Route Costing Study for North and Eastern Provinces in Sri Lanka, 2003
4. Proposed Colombo- Katunayake Expressway: A joint venture of Daywoo and Keangnam in association with University of Moratuwa, 2001
5. Feasibility Study on Proposed Outer Circular Highway to the City of Colombo in Association with JICA – Japan, 2000
6. Transport Study for Horana Growth Centre Development to UDA consulted by Surath Wickramasinghe Associates, Sri Lanka, 2000
7. Transport Study for Negombo Growth Centre Development to Urban Development Authority (UDA) Sri Lanka, 2000
8. Road Side Bus Corridor Survey in Kandy and Galle Road for (CUTS II), 2000
9. Feasibility Study on “Colombo Wholesale Manning Market Study” to UDA Sri Lanka, 2000
10. Passenger Demand Estimate for Bandaranayke International Airport, 2000
11. Safety Audit on Galle Road for Colombo Urban Transport Study II (CUTS II), 1999

12. Traffic Circulation and Parking Study for the Asiri Hospital Development Project for the Gunarathne Associates, Transport Consultant, 1999

Other Consultancy work

1. Consultant in Development of Bus Specifications for Sri Lanka, Ministry of Megapolis & Western Development, 2017
2. Technical Advisor for Samsung in preparation of safety and security Plan for airside in association with Civil and Structural Engineering Consultants (Pvt) Ltd. for Pier 2 and 3 Terminal Building Constructions of Bandaranaike International Airport, 2016
3. Traffic Management Plan for the warehouses for the Siam City Cement (Lanka) Limited, Galle, 2016
4. Technical expert on Western Region Megapolis Project in Ministry of Megapolis and Western Development 2015 to 2016
5. Traffic and Transport expert on the Traffic Impact Analysis on New Elevated Bridge Construction on Kelani River 2015
6. Transport Consultant Consulting Engineers and Architects Associated (Pvt) Ltd on Transport Consultant of Feasibility Study on Proposed Monorail System from Kotahena to Malambe, 2014
7. Transport Consultant Consulting Engineers and Architects Associated (Pvt) Ltd. on Proposed Liquid Natural Gas (LNG) Import Terminal and Natural Gas Pipeline in Colombo North, 2014
8. Aerodrome Engineer of the Feasibility Study on Development of Ratmalana Airport done by Hybrid Airports in 2013

Professional Qualifications and Experiences

Membership in Professional Societies:

1. Chartered Civil Engineer in Institute of Engineers Sri Lanka
2. Chartered Member of Chartered Institute of Logistics and Transport UK
3. Member of Institute of Transportation Engineers - USA

4. Member in Institution of Engineers – Sri Lanka
5. Member in Sri Lanka Association of Advancement of Science
6. Vice Chairperson of Chartered Institute of Logistics and Transport Sri Lanka in 2017/18
7. Vice Chairperson in Women in Logistics and Transport (WiLAT) in Chartered Institute of Logistics and Transport Sri Lanka 2018 to date
8. Executive committee member in Women in Logistics and Transport (WiLAT) in Chartered Institute of Logistics and Transport Sri Lanka 2015 to 2017
9. Committee Member of Civil Engineering Sectional Committee of Institution of Engineers from 2010 to 2013
10. President of the Section C (Engineering, Architecture and Surveying) of Sri Lanka Association of Advancement of Science for Year 2007
11. Vice President of the Section C (Engineering, Architecture and Surveying) of Sri Lanka Association of Advancement of Science for Year 2006
12. Secretary of the Section C (Engineering, Architecture and Surveying) of Sri Lanka Association of Advancement of Science for Year 2005, 2004

Professional involvement in Transport and Logistics Fields

1. Conference Chair of Belt and Road Initiatives Conference (BRIC) 2020 to be held from 18 to 20 August 2020, Galadari Hotel, Colombo
2. Vice Chairperson (Education) of Chartered Institute of Logistics and Transport (CILTSL) in 2018/19 and 2019/20
3. Vice Chairperson (Membership Drive) of Chartered Institute of Logistics and Transport (CILTSL) in 2017/18.
4. Advisor of the Logistics Day organized by the undergraduates of General Sir John Kotelawala Defence University
5. Advisor of the Logistics Times Magazine printed by the undergraduates of General Sir John Kotelawala Defence University for the first time in Sri Lanka
6. Chartered Member of Chartered Institute of Logistics and Transport UK

Actively participate in the annual conference in CILT, advise the Young Professional Forum in organizing event with undergraduates in Logistics and Transport field. Conducted the survey on demand analysis in job markets in Logistics field

7. Executive committee member in Women in Logistics and Transport (WiLAT) in Chartered Institute of Logistics and Transport Sri Lanka 2015 to date

Participate in Strategic workshop to identify the requirements in activities to be conducted by WiLAT, Member of the Educational subcommittee of WILAT, Mentor of the Ignite Programme organized by WiLAT

Other Responsibilities

1. Conference Chair of Belt and Road Initiatives Conference (BRIC) 2020 held on 11 December 2020 organized by the Chartered Institute of Logistics and Transport Sri Lanka in association with Jung Seok Research Institute of International Logistics Trade of Inha University in Rep. of South Korea.
2. Member of the committee of 2019 Transport policy review and preparation of new Transport Policy 2020 appointed by Ministry of Transport Sri Lanka
3. Member of the committee on preparation of specifications of Buses in Sri Lanka for Ministry of Megapolis and Western Region in 2017
4. Conference Chair of KDU International Research Conference 2014
5. Member of Working Group on Public Transport for the Study on the Urban Transport Development of the Colombo Metropolitan Region 2006
6. Member of the Bus Fare Policy Review Committee Sri Lanka in 2005

Curriculum Development and Evaluation

1. Development of BSc in Logistics Management in KDU
2. Evaluation of Curriculum of BSc in Defence Studies in Sri Lanka Military Academy, Diyatalawa
3. Evaluation of Curriculum of BSc in Logistics Management in Naval Maritime Academy, Trincomalee
4. Evaluation of Curriculum of BSc in Naval Studies in Naval Maritime Academy, Trincomalee

5. Evaluation of Curriculum of BSc in Maritime Studies in Naval Maritime Academy, Trincomalee
6. Evaluation of Curriculum of BSc in Aviation Studies in Air Force Academy, Trincomalee
7. Evaluation of Curriculum of MBA in Logistics Management in Naval Maritime Academy, Trincomalee
8. Evaluation of Curriculum of MBA in Logistics Management in Army Logistics School, Trincomalee

Personal Details

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College Attended	– Dharmasoka College, Ambalangoda, Sri Lanka