

CURRICULUM VITAE

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1. NAME AND CONTACT DETAILS:

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2. **DATE OF BIRTH:** 09th May 1963 **NATIONALITY:** Sri Lankan

3. EDUCATIONAL QUALIFICATIONS:

- BSc Engineering in Mechanical Engineering with First Class Honours from the University of Moratuwa, Sri Lanka in February 1987.
- PhD in Unsteady Fluid Dynamics from University of Cambridge, UK in March 1996.

4. AFFILIATIONS / MEMBERSHIPS:

- Chartered Engineer; Member, Institute of Engineers Sri Lanka (IESL)
- Fellow, Cambridge Commonwealth Society.

5. EMPLOYMENT RECORD:

- Senior Lecturer, University of Moratuwa: From 13th March 1996 to 28th February 2011, and 01st March 2013 to 15th March 2013 and 15th March 2015 to date.
- Director General, Sri Lanka Sustainable Energy Authority (SLSEA): From 01st March 2011 to 28th February 2013 and 15th March 2013 to 15th March 2015.
- Head, Department of Mechanical Engineering, University of Moratuwa: From 03rd January 2005 to 02nd January 2008.
- Assistant Lecturer, University of Moratuwa: From 06th July 1987 to 12th March 1996 (Overseas Study Leave from 01st October 1989 to 28th February 1994).

6. OTHER KEY POSITIONS HELD:

- Director, Undergraduate Studies of the Faculty of Engineering, University of Moratuwa: From 01st August 2008 to 28th February 2011.
- Director, The Enterprise, Center for Innovation, Entrepreneurship and University-Business Linkages of University of Moratuwa: From 15th November 2015 to 15th February 2019.

7. REPRESENTATIONS IN NATIONAL LEVEL COMMITTEES:

7.1 Present

- Member of the Steering Committee on Intellectual Property Policy Formulation, Ministry of Industry and Commerce.
- Member of the Panel on Finalizing Policy on University, Institute-Industry Partnership (UI-P), National Science Foundation, Ministry of Science, Technology and Research
- Member of the Advisory Committee, Sri Lanka Sustainable Energy Authority, Ministry of Power & Renewable Energy.
- Member of the Renewable Energy Purchase Tariff Review Committee, Ministry of Power & Renewable Energy.

- Member of the National Expert Committee on Climate Change Mitigation (NECCC-Mitigation), Ministry of Mahaweli Development and Environment.
- Member of the Independent Review Panel for Sri Lanka's Third National Communication (TNC) on Climate Change, Ministry of Mahaweli Development and Environment.
- Member of the Regulatory/Steering & Technical Committee to Implement "Clean Air 2025-Action Plan", Ministry of Mahaweli Development and Environment.
- Member of the Technology Panel of National Science Foundation (NSF), Ministry of Science, Technology and Research.
- Member of the Working Committee on Engineering Sciences, Architecture & ICT of National Science Foundation (NSF), Ministry of Science, Technology and Research.
- Member of the Technical Committee of the Implementation of Vehicle Emission Testing (VET) Programme in Sri Lanka, Ministry of Transport.
- Member of the Accreditation Committee for Inspection Bodies of Sri Lanka Accreditation Board (SLAB).

7.2 Previous

- Chairman, Thematic Advisory Committee (TAC) on Energy Conversion & Technology, Promoting Sustainable Biomass Energy Production and Modern Bio-Energy Technologies Project, Sri Lanka Sustainable Energy Authority (SLSEA).
- Member of the panel of judges for 21st Sri Lankan Entrepreneur of the Year Awards Program - 2016, Federation of Chambers of Commerce & Industry of Sri Lanka (FCCISL).
- Member of the Technical Advisory Committee on Reviewing of the Draft Standard SLS 1292 : 2006 - Code of Practice for Design and Construction of Biogas System, Part 1 – Domestic Biogas System.
- Members of the Technical Advisory Committee on Development of Sri Lanka Standards Specification on Criteria and Indicators for Sustainably Produced Fuel Wood, Sri Lanka Standards Institute (SLSI).
- Chairman of the National Mirror Committee (NMC) on Sustainability Criteria for Bioenergy-ISO/PC 248 Draft ISO 13065, Sri Lanka Standard Institute (SLSI),
- Chairman of the Expert Group on Energy on formulating a Research and Development Investment Framework, the Ministry of Technology and Research,
- Member of the Committee on the development of Clean Air 2025 Action Plan (CA2025AP), Ministry of Mahaweli Development and Environment.
- Member of the Committee to Develop Indoor Air Quality Guideline, Ministry of Mahaweli Development and Environment,
- Member of the Technical Committee for Enhancing the Quality of Fossil Fuels for Managing Air Quality in Sri Lanka, Ministry of Mahaweli Development and Environment,
- Member of the Committee for the development of 100% Renewable Energy Scenario, Ministry of Power & Energy,
- Member of the Committee for the development of Sustainable Energy Policy, Ministry of Environment and Renewable Energy,
- Member of the Renewable Energy Policy Committee appointed to make recommendations on renewable energy development policy including renewable energy tariff methodology, Ministry of Power & Energy,
- Chairman of the Committee appointed to study the request on Extension of Standard Power Purchase agreement signed the under Avoided Cost Principle, Ministry of Power & Energy,

- Member of Biomass Policy Working Group, Sri Lanka Sustainable Energy Authority (SLSEA), Ministry of Environment and Renewable Energy,
- Member of the Board of National Cleaner Production Center (NCPC),
- Member of the Subcommittee on the Transport Sector and Subcommittee on the Power Sector appointed to develop A Road Map to Achieve Energy Security, Government of Sri Lanka,
- Member of the National Expert Committee on Climate Change Mitigation, Ministry of Environment and Natural Resources,
- Chairman, Committee for development of standards of Air Circulating Fans. ECF (Presently Sustainable Energy Authority), Ministry of Environment and Renewable Energy,
- Member of National Committee on Science, Mathematics & Engineering Education, National Science Foundation (NSF), Ministry of Science and Technology,
- Member of the consulting team of the preparation of Code of Practice for Energy Efficient Buildings in Sri Lanka, Sri Lanka Sustainable Energy Authority (SLSEA), Ministry of Environment and Renewable Energy,
- Member of the Thematic Working Group - Greenhouse Gas Mitigation of the Project on Second National Communication on Climate Change, Ministry of Environment and Natural Resources,
- Member of the Clay Cook Stoves - Technical Advisory Committee (CCS-TAC) establish to develop Sri Lanka standard for improved two-pot clay cook stoves manufactured in Sri Lanka, Sri Lanka Standards Institution (SLSI) and Practical Action Consulting - South Asia,
- Co-Chairman of the selection panel of National Awards for Science & Technology Achievements (NASTA Awards) - 2018, National Science Foundation (NSF),
- Chairman of the selection panel of National Awards for Science & Technology Achievements (NASTA Awards) - 2014, National Science Foundation (NSF).

8. PROFESSIONAL EXPERIENCES

7.1 Consultancy Research (Last 6 years)

- The Consultant of the project on Develop National Policy & Strategy on Sustainable Development under Strengthening Democratic Governance and Accountability Project (SDGAP), funded by USAID and implemented by Sustainable Development Council of Sri Lanka, From July 2019 (On-going).
- A member of the Consultant team of the project on Fuel Economy Labelling and Fiscal Policies in Sri Lanka coordinated by Clean Air Sri Lanka and funded by United Nations Environment Programme (UNEP) and Global Fuel Economy Initiative (GFEI), From August 2016 (On-going).
- A member of the Consultant team of the project on Estimation of External Cost of Thermal Power Generation in Sri Lanka, conducted by Sri Lanka Energy Managers Association (SLEMA) for Public Utilities Commission of Sri Lanka (PUCSL), From November 2018 (On-going).
- The Consultant of the project on Barrier Analysis and Multi-Criteria Assessment (MCA) of Greenhouse Gas (GHG) Mitigation Options under the national project titled “Nationally Appropriate Mitigation Actions (NAMAs) in the energy generation and end use sectors in Sri Lanka”, implemented by Sri Lanka Sustainable Energy Authority (SLSEA), and funded by United Nations Development Program (UNDP), 2018/2019.

- A member of the Consultant team of the project on Feasibility Study and Market Research on Light Duty Electric Vehicles in Sri Lanka, conducted by Centre for Intelligent Transport Systems, University of Moratuwa, Sri Lanka for Blue Orchard Finance Ltd, Switzerland, 2019.
- The International Consultant of the project on Promotion of Low Carbon Technology Assessment for Electricity Generation in Cambodia, Ministry of Mines & Energy, Royal Government of Cambodia, 2017/2019.
- Formulation of a Sri Lankan SCP Educational Plan Programme along with Educational Materials – Switch-Asia SCP NPSC for Sri Lanka Ministry of Mahaweli Development and Environment, under the project on SWITCH-Asia Sustainable Consumption and Production (SCP) National Policy Support Component (NPSC) for Sri Lanka funded by EU and implemented by the Ministry of Mahaweli Development and Environment, 2017/18.
- Dissemination of Sustainable Consumption and Production (SCP) Resource Pack to Universities, on SWITCH-Asia Sustainable Consumption and Production (SCP) National Policy Support Component (NPSC) for Sri Lanka funded by EU and implemented by the Ministry of Mahaweli Development and Environment, 2018.
- Readiness for Investment in Sustainable Energy (RISE), the World Bank, Phase 1 – 2016, Phase 2 – 2017/18.
- Preparation of Strategic Policy and Action Plan – Intended Nationally Determined Contribution (INDC) in Transport Sector, Ministry of Mahaweli Development and Environment, 2016.
- Baseline Study on Highly Efficient and Electrical Cars in Sri Lanka, a study of Global Climate Partnership Fund (GCPF), 2017.
- The Consultant of the project on Development of Fuel Economy Policies in Sri Lanka – Phase 1: Development of Vehicle Fuel Economy Baseline in Sri Lanka, coordinated by Clean Air Sri Lanka and funded by United Nations Environment Programme (UNEP) and Global Fuel Economy Initiative (GFEI), 2015.
- The International Consultant of the project on Technologies for Converting Waste Agricultural Biomass into Energy in Cambodia and India, funded by International Environmental Technology Centre (IETC) of the United Nations Environment Programme (UNEP), 2013.
- The International Consultant of the project on Waste Agricultural Biomass for Energy: Resource Conservation and GHG Emission Reduction – Phase III - Development of a National Strategic Approach, implemented in Cambodia, India and Costa Rica, funded by International Environmental Technology Centre (IETC) of the United Nations Environment Programme (UNEP), 2013.

7.2 National Level Regulations and Standards Developed from Research

- Air Emission, Fuel and Vehicle Importation Standards Regulation, Ministry of Environment & Natural Resources.
- Certification of Vehicle Repair Facilities (Garages), Department of Motor Traffic.
- Accreditation of Vehicle Emission Testing Centers, Department of Motor Traffic.
- Code of Practice for Energy Efficient Buildings, Sri Lanka Sustainable Energy Authority.
- Regulations for Energy Efficiency Labelling of Ceiling Fans and Regulators Sri Lanka Sustainable Energy Authority.

- Emission Standards for Stationary Sources, Central Environmental Authority (CEA).
- Cleaner Fuels Roadmap, Ministry of Mahaweli Development & Environment.
- Clean Air Action Plans and Haritha Lanka Programme, Ministry of Mahaweli Development & Environment.
- National Indoor Air Quality Guidelines, Ministry of Environment & Renewable Energy.
- National R&D Investment Framework for 2015-2020, Energy thrust area, Ministry of Technology & Research.
- Nationally Determined Contribution (NDC), Transport Sector, Ministry of Transport and Ministry on Mahaweli Development & Environment.

7.3 National Programmes Initiated/Conducted with Sri Lanka Sustainable Energy Authority

- Grama-Shakthi – National Off-grid Electrification Programme.
- Rural Energy Services, the programme to provide basic energy requirements (in addition to the rural electrification) for domestic and rural/small-scale industrial sectors through transfer of renewable energy technologies based on local renewable energy resources.
- Provincial Sustainable Energy Programmes, for the local governments and institutes in Provincial Councils.
- Renewable Energy Technology Roadmap.
- National Energy Management Action Plan
- 100% Renewable Energy Scenario
- Novel Concepts for Sectoral Interventions in Sustainable Energy, such as Sustainability Assessment of Technology (SAT), Energy Modesty Index, Sustainable Villages, Renewable Energy and Energy Efficient (RE3) Zones, Energy Efficient & Environmentally Sustainable Transport (E3ST), Energize- Intelligent & Affordable Energy for Small & Medium Enterprises (SMEs), Sustainable Universities.

8. PROFESSIONAL TRAINING PROGRAMMES AND OUTREACH ACTIVITIES

8.1 Keynote Addresses

- *Air Pollution and Our Responsibility*. Keynote Speech delivered at World Environmental Day 2019, organized by Ministry of Mahaweli Development & Environment and Central Environmental Authority, BMICH, Colombo 07, Sri Lanka, 06th June 2019.
- *Climate Change Research Strategy*, Keynote Speech delivered on 28th March 2019, at Technical Session on “Projected Climate Change, Potential Impacts and Associated Risks”, 9th South Asia Sub-regional Committee (SA-SRC) Meeting of Asia Pacific Network for Global Change Research (APN) 28 - 29 March 2019, Colombo, Sri Lanka.
- *Energy Technology Innovations and Agriculture*. Keynote address delivered at ISAE 2014 International Symposium on Agriculture and Environment: Ensuring Sustainable Development through Biodiversity and Ecosystem Services, organized by Faculty of Agriculture, University of Ruhuna, Sri Lanka, 27th November 2014.
- *Development of Renewable Energy in Sri Lanka Opportunities and Challenges*. Keynote address delivered at the SAIM 4th Annual Research Symposium on Engineering Advancements RSEA - 2014, Malabe, Sri Lanka, 26th April 2014.

- *Renewable Energy Policy of Sri Lanka and the Way ahead.* Keynote address delivered at the 04th Asia Energy Security Summit, Taj Samudra Hotel, Colombo, Sri Lanka, 26th – 28th February 2014.
- *Redefining Energy for Sustainability in Plantation Sector.* Keynote address delivered at the 04th Symposium on Plantation Crop Research, Taj Samudra Hotel, Colombo, Sri Lanka, 20th – 21st September 2012.
- *Lighting up Lives – Millions of Them.* Eng. D.J. Wimlasurendra Memorial Lecture organized by Institute of Engineers Sri Lanka (IESL), 19th September 2011, IESL.

8.2 As a Resource Person (during last 03 years)

- Certificate course on Corporate Environmental Sustainability through Greening the Industries organized by National Cleaner Production Centre (NCPC), Sri Lanka. Presentation Topic: Renewable Energy Applications at Plant Level (20th June 2019, 06th July 2018 and 24th March 2017).
- Environment Awareness Workshop on Best Practice Guideline for Renewable Energy Projects Organized by Central Environmental Authority (CEA), Sri Lanka. Presentation Topic: Best Practice Guideline for Solar and Wind Energy Projects, 07th June 2019.
- Energy Auditor Training Course (EATC) – 2019 conducted by Sri Lanka Energy Managers Association (SLEMA) in collaboration with National Engineering Research and Development Center (NERDC) and Sri Lanka Sustainable Energy Authority (SLSEA), 11th to 26th March 2019. Presentation Topic: Energy Saving Opportunities in Pumps, Fans, Blowers & Mechanical Drive Systems.
- The Future is Green Sri Lanka Organized by Pan Asia Bank in collaboration with Global Climate Partnership Fund (GCPF), Colombo. Keynote Address: Climate Change and Remedial Measures, 27th February 2019.
- Policy Incentives/Regulatory Framework to Improve Vehicle Efficiency and Reduce Emissions - Sri Lankan Experience, Uganda National Global Fuel Economy Initiative (GFEI) Policy Workshop 04-05 October 2018, Kampala, Uganda.
- Efficient Vehicles & Clean Transport System- A Case Study from Sri Lanka, Kathmandu Sustainable Urban Mobility Forum VII, Policy Needs to Shift towards Clean Transport System and Efficient Vehicles, Kathmandu, Nepal, 10th August 2018.
- Awareness meeting on Nationally Appropriate Mitigation Actions (NAMAs) and Nationally Determined Contributions (NDCs) of Energy Sector organized by Sri Lanka Sustainable Energy Authority (SLSEA) and Ministry of Mahaweli Development & Environment, 06th July 2018. Presentation Topic: NAMAs in the context of SDGs and Energy Context of Sri Lanka.
- 8-day certificate course on Energy Management conducted by Institute of Engineers Sri Lanka (IESL) and Sri Lanka Energy Managers Association (SLEMA). Presentation Topic: Energy Saving Opportunities in Pumps, Fans & Blowers, 27th May 2018.
- Smart Grid Technologies and Implications for Inclusive Development, 03rd – 04th April 2018, Galle, Sri Lanka, organized by Asian Development Bank (ADB) and University of Melbourne. Session 10: Demand Side Management (DSM) & the prosumer–what, who and the GESI implications, Presentation Topic: Sri Lanka Experience on DSM.
- Panel Discussion on “University, Institute-Industry Partnerships (UI-IP) - The Way Forward”, South Asian Biotechnology Conference (SABC 2018), 28th – 30th March 2018, organized by National Academy of Science Sri Lanka (NASSL) and National Science

Foundation (NSF). Presentation Topic: University, Institute-Industry Partnerships (UI-IP) - Perspectives of Universities.

- Seminar on Solid Waste Management in Sri Lanka: Highlights, Suggestions and Solutions, organized by the Science and Technology Steering Committee (STAC) & Sri Lanka Association for Advancement of the Science (SLAAS), SLASS Auditorium, Colombo 07. Presentation Topic: Integrated Solid Waste Management- Drivers and Challenges.
- CityNet Congress 2017 - “Our City, Our Future: Sharing Local Solutions for Sustainable Development”, 05th – 08th November 2017, Colombo, Sri Lanka. Presentation Topic: Management of Municipal Solid Waste in Sri Lanka: Development of Waste to Energy Projects.
- Capacity Building Workshop on Sustainable Urban Transport Index 30th – 31st October, 2017, Colombo, Sri Lanka, organized by United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP) and Ministry of Transport & Civil Aviation, Sri Lanka. Presentation Topic: Sustainable Energy Initiatives in Sri Lanka.
- Sri Lanka NEXT – A Blue Green Era, Conference and Exhibition, 16th - 17th October 2017, Expert Dialogue on Nationally Determined Contributions (NDCs), organized by Ministry of Mahaweli Development and Environment, Sri Lanka. Presentation Topic: Summary of NDCs of the Mitigation Sector of Sri Lanka.
- One-day training programme on Industrial Energy Management organized by Sri Lanka Energy Managers Association (SLEMA) and Public Utilities Commission of Sri Lanka (PUCSL). Presentation Topic: Electrical Energy Management - Drives, Motors, Air compressors, 27th September 2017.
- 3-Day Training Programme on Energy Management for Energy Managers organized by National Cleaner Production Centre (NCPC), Sri Lanka, 18th - 20th July 2018. Presentation Topic: Renewable energy technologies.
- Round Table Discussion on Establishing Centre of Excellence in Efficient Lighting, organized by University of Moratuwa and Sri Lanka Sustainable Energy Authority, Sri Lanka, 06th July 2017. Presentation Topic: Centre of Excellence in Efficient Lighting.
- Forests and Energy, International Day of Forests – 21st March 2017, Ministry of Mahaweli Development and Environment, Sri Lanka. Presentation Topic: Forestry - Bioenergy - Development Nexus.
- Knowledge Sharing Discussion - Special Meeting of the Board of Management of Sri Lanka Sustainable Energy Authority (SLSEA), 13th March 2017. Presentation Topic: Sustainable Energy - Socio-Economic Development Nexus.
- Expert Dialogue Forum - Blue Green Economy & Sustainable Natural Resources organized by Ministry of Mahaweli Development & Environment, 17th - 19th October 2016. Session Topic: Green Transport, Presentation Topic: Green Transport - Present Status and Interventions in Sri Lanka.
- Science and Technology for Society Forum Sri Lanka 2016, organized by Ministry of Science, Technology and Research, 8th - 10th September 2016, Batteramulla. Presentation Topic: Energy Technology Innovations and Sustainable Development.
- National Energy Manager Training Programme conducted by Sri Lanka Energy Managers Association (SLEMA), 22nd to 26th August 2016. Presentation Topic: Energy Conservation in Electric Motors, Pumps, Fans, Blowers and Air Compressors.

8.4 As a Participant (during last 03 years)

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- 14th Multi-Pollutant Emissions from Coal (MEC 14) Workshop, 28-30 October 2019, Hanoi, Vietnam.
- Green Freight Asia Annual Forum 2019: Electro-mobility Transition in Asia Freight Transport, Singapore, September 26, 2019.
- Global Technology Entrepreneurship and Commercialization (G-TEC) program organized by Osaka University Innovators' Club and University Technology Transfer Association (UNITT), Japan, August 19 – 24, 2019, Suita Campus, Osaka University, Japan.
- Intellectual Property Studies (Summer Intensive) organized by Graduate School of Intellectual Property, Osaka Institute of Technology, Japan, August 26 – 30, 2019.
- Study Visit of a Delegation from Sri Lanka in connection with the drafting of the National Intellectual Property Policy of Sri Lanka, 10th - 13th September 2018, South Korea, organized by World Intellectual Property Organization (WIPO).
- Regional Training Workshop on Integrating Co-benefits into Air Quality and Climate Change Policies organized by Clean Air Asia in collaboration with the Institute for Global Environment Strategies (IGES) and Asia Centre for Air Pollution Research (ACAP), 23rd March 2018, United Nations Conference Center, Bangkok, Thailand.
- National Workshop-1 on Enabling Intellectual Property (IP) Environment Project IP Management and Technology Commercialization for Technology Managers of Spokes Institutions organized by the World Intellectual Property Organization (WIPO) in cooperation with the Coordinating Secretariat for Science Technology and Innovation (COSTI), Sri Lanka and with the assistance of the Japan Patent Office (JPO) Colombo, October 30 to November 3, 2017.
- Seminar on Institutional Intellectual Property Policies, conducted under the Enabling Intellectual Property Environment (EIE) Project, organized by World Intellectual Property Organization (WIPO) and US Department of Commerce, 11th – 12th September 2017, Colombo, Sri Lanka.
- National Patent Drafting Course organized by the World Intellectual Property Organization (WIPO) in cooperation with the National Intellectual Property Office (NIPO) of Sri Lanka, Ministry of Industry and Commerce and with the assistance of the Japan Patent Office (JPO), Face-to-Face Session: Colombo, July 24 to 28, 2017; Follow-up Session via E-mail Communication: July 31 to October 1, 2017.
- Presidents' Summit for Presidents/Vice-Presidents and Technology Transfer Officers of Universities and Research Institutions on Creating an Enabling Intellectual Property (IP) Environment for Technology Development, Management and Commercialization – Phase 1, organized by the World Intellectual Property Organization (WIPO) in cooperation with the International Intellectual Property Training Institute (IIPTI), the Korean Intellectual Property Office (KIPO) and Cornell University, Daejeon, Republic of Korea, 21st to 23rd June 2017.
- Sri Lanka University Intellectual Property Policy Workshop, organized by Commercial Law Development Programme (CLDP), US Department of Commerce, 24th – 28th April 2017, Sri Lanka.

9 RESEARCH PUBLICATIONS

9.1 Journal and Conference Publications (Last Five Years)

- Multi-Criteria Assessment of Energy Sector Nationally Appropriate Mitigation Actions in Sri Lanka, Session – 53, Track C - Sustainability, Environment, Climate Change & Mitigation Technology, The International Conference on Sustainable Energy and Green

Technology 2019 (SEGT 2019) - “Shaping the Future of Green Energy & Technologies”, Bangkok, Thailand, 11th - 14th December 2019.

- Implementation of Waste to Energy as a Sustainable Urban Energy Solution in Sri Lanka, Track - Clean Energy Trends and Directions, Session - Bioenergy and Waste-to-Energy, 13th Asia Clean Energy Forum (ACEF), 17th – 21st June 2019, Asian Development Bank (ADB), Manila, Philippines (Co-author: K. Samarasinghe).
- Development of Moisture Isotherms for Momordica Charantia and Carica Papaya. Agricultural Engineering International: CIGR Journal, 21(1), pp. 181–184, April 2019 (Co-authors: C.P. Rupasinghe and M.U. Jayasinghe).
- NO_x-VOC-O₃ Sensitivity in Urban Environments of Sri Lanka. Asian Journal of Atmospheric Environment (AJAE), Vol. 13, No. 1, pp. 62-72, March 2019 (Co-authors: G.B.S. Perera, M.M.I.D. Manthilake C.S. Lee and L.N. Huy).
- Role of Technology in Reducing Vehicular Emissions, Solutions to Reduce Air Pollution in South Asia, Organized by Clean Air Asia India and ICIMOD, Better Air Quality Conference 2018 (BAQ2018), Kuching, Malaysia, 16th November 2018.
- Fuel Quality Roadmap in Sri Lanka, Breakout Session: Implementing Euro 4 and Developing a Roadmap to Euro 6 in Asia, Better Air Quality Conference 2018 (BAQ2018), Kuching, Malaysia, 14th November 2018.
- Update on Fuel Economy Development in Sri Lanka, Regional Policy Dialogue on Fuel Economy in Asia & 2nd APEC Workshop on Policy Dialogue on Fuel Economy Platform, Better Air Quality Conference 2018 (BAQ2018), Kuching, Malaysia, 13th November 2018.
- Impact of Energy Efficiency of Cookstoves on Indoor Air Quality – A Case Study in the Estate Sector Households of Sri Lanka, Track - Innovations in Energy Efficiency, Session - Multiple Benefits of Energy Efficiency – A Focus on Air Pollution, 12th Asia Clean Energy Forum (ACEF), 04th - 08th June 2018, Asian Development Bank (ADB), Manila, Philippines.
- Evaluation of hazardous airborne carbonyls in five urban roadside dwellings: A comprehensive indoor air assessment in Sri Lanka, Atmospheric Pollution Research 9 (2018), pp 270–277 (Co-authors: C.S. Chan, R.S.A Ranasinghe, S.S.H. Ho, K.F. Ho, S.H.L. Yim, S.C. Lee, W.T. Hung, Y. Huang, AND H. Zhang).
- Investigation of Installation Effects of Tea Withering Fans on Energy Performance of Tea Manufacturing in Sri Lanka, 1st Latin American Conference on Sustainable Development of Energy Water and Environment Systems (LA SDEWES2018), January 2018, Rio de Janeiro, Brazil (Co-authors: R.A.C.P. Ranasinghe, W.A.K.J. Chathuranga, S.D.A. Hansitha, B.G.S. Umayanga, and W.S. Botheju).
- Progression of Renewable Energy Development for Electricity in South Asia - Drivers and Challenges, Joint ESI-ISAS Workshop on South Asia’s Challenges and Opportunities in Sustainable Energy Transitions, 27th November 2017, Singapore.
- Implementation of Energy Labelling Programme for Ceiling Fans in Sri Lanka, 10th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES2017), 04th – 08th October 2017, Dubrovnik, Croatia.
- Transport induced Volatile Organic Compound concentration in the city of Colombo. 14th International Conference on Atmospheric Sciences and Application to Air Quality, 29th – 31st May 2017, Strasbourg, France (Co-authors: G.B.S. Perera, M.M.I.D. Manthilake and C.S. Lee).
- Comparison of Air Pollutant Concentration in Relation to NO_x-VOC-O₃ Sensitivity in Urban Environment of Sri Lanka. 14th International Conference on Atmospheric Sciences

and Application to Air Quality, 29th – 31st May 2017, Strasbourg, France (Co-authors: G.B.S. Perera, M.M.I.D. Manthilake and C.S. Lee).

- Role of Energy Efficiency in the Transport Sector NDCs of Sri Lanka. Session - High Impact Energy Efficiency Policies for NDCs, Track - Innovations in Energy Efficiency, 11th Asia Clean Energy Forum (ACEF), 05th - 08th June 2017, Asian Development Bank (ADB), Manila, Philippines.
- Performance Analysis of Pedestal and Table fans. Annual Sessions of the Institution of Engineers, Sri Lanka (IESL) - 2016, pp. 251-260, presented on 19th October, 2016 (Co-authors: R.A.C.P. Ranasinghe, B. Anthujan, S. Srikandaraj and V. Vipulan).
- Comparison of Air Pollutant Concentration in Relation to NO_x-VOC-O₃ Sensitivity in Urban Environment of Sri Lanka. Poster Session - Chemistry of Photo-Oxidants, No. PO1, 17th World Clean Air Congress organized by the International Union of Air Pollution Prevention and Environmental Protection Association (IUAPPA) and 9th Better Air Quality (BAQ) Conference organized by Clean Air Asia (CAA) Centre, 29th August - 02nd September 2016, Busan, South Korea (Co-authors: G.B.S. Perera, M.M.I.D. Manthilake and C.S. Lee).
- Volatile Organic Compound concentration in the city of Colombo. Breakout Session - VOCs Emissions, Distribution and Fate, 17th World Clean Air Congress organized by the International Union of Air Pollution Prevention and Environmental Protection Association (IUAPPA) and 9th Better Air Quality (BAQ) Conference organized by Clean Air Asia (CAA) Centre, 29th August - 02nd September 2016, Busan, South Korea (Co-authors: G.B.S. Perera, M.M.I.D. Manthilake and C.S. Lee).
- Development of Indoor Air Quality Guideline in Sri Lanka. Breakout Session - Indoor Air Pollution (I), 17th World Clean Air Congress organized by the International Union of Air Pollution Prevention and Environmental Protection Association (IUAPPA) and 9th Better Air Quality (BAQ) Conference organized by Clean Air Asia (CAA) Centre, 29th August - 02nd September 2016, Busan, South Korea (Co-authors: M.A. Wijewardane, S.Y.S. De Silva and I.A. Dahanayaka).
- Sustainable Management of Waste Agricultural Biomass through Conversion to Energy. Paper No. ABS1878, Oral Session 4: Agriculture, Soil and Environment, 2nd International Conference on Agricultural and Biological Sciences (ABS2016), 23rd - 26th July 2016, Shanghai, China.
- Development of Fuel Economy Standards for Light Duty Vehicles in Sri Lanka. Session 20 - Transport and Energy: Examples that Work and Directions for the Future, 10th Asia Clean Energy Forum (ACEF), 06th - 10th June 2016, Asian Development Bank (ADB), Manila, Philippines.
- Development of Atmospheric Emission Inventory in Sri Lanka, Air that We Breathe–2016, Sixth National Symposium on Air Resource Management in Sri Lanka, 5th & 6th May 2016, Battaramulla, Sri Lanka (Co-authors: A.L. Abesirigunawardena, R.N.R. Jayaratne and R.M. Kulasena).
- Vehicle Emission Tracker: A Mobile Social Application Modal to Spot Vehicle Emission Using Ringelmann Smoke Chart, Air that We Breathe–2016, Sixth National Symposium on Air Resource Management in Sri Lanka, 5th & 6th May 2016, Battaramulla, Sri Lanka (Co-author: S.M.D.J.T. Jayatilake).
- Performance of Environmentally Preferred Vehicle Technologies in Urban & Rural Areas of Western Province, Sri Lanka, Air that We Breathe–2016, Sixth National Symposium on Air Resource Management in Sri Lanka, 5th & 6th May 2016, Battaramulla, Sri Lanka (Co-author: S.M.D.J.T. Jayatilake).

- Standards and Control Technologies for Air Emissions from Biomass Energy Technologies, Air that We Breathe–2016, Sixth National Symposium on Air Resource Management in Sri Lanka, 5th & 6th May 2016, Battaramulla, Sri Lanka (Co-author: R.N.R. Jayaratne).
- Accelerating transitions to equitable and sustainable societies: Towards ethical existence for long term happiness, Global Cleaner Production & Sustainable Consumption Conference - Accelerating the Transition to Equitable Post Fossil-Carbon Societies, 1st– 4th November 2015, Sitges, Barcelona, Spain (Co-authors: L.P. Batuwitage, S. Peiris, N. Cooray, G. Batuwitage and D. Huisingh).
- Exploratory study of the indoor and outdoor relationships and chemical compositions of particulate matter in urban households in Colombo. SAGE Journal of Indoor and Built Environment, August 2015; vol. 24, 5: pp. 597-606, International Society of the Built Environment (Co-authors: R.S.A. Ranasinghe, S.C. Lee, W.T. Hung, K.F. Ho, C.S. Chan, Y. Huang and Y. Cheng).
- Converting Waste Agricultural Biomass into an Energy Source: A Policy Framework. Proc. of The Second Intl. Conf. On Advances in Applied Science and Environmental Technology - ASET 2015, August 28th - 29th, 2015, Bangkok, Thailand, ISBN: 978-1-63248-075-0, pp. 41 – 46.
- Aerodynamic Performance Modelling and Optimization of Small Scale Wind Turbine Rotors, 2015 International Conference on Modelling, Simulation and Applied Mathematics (MSAM2015), August 23rd-24th, 2015, Phuket, Thailand, pp. 188 - 192.
- Potential of Plug Flow Digesters for Biogas Production in the Sri Lankan Domestic Context, Moratuwa Engineering Research Conference (MERCon) 2015, 7th- 8th April 2015, University of Moratuwa, Moratuwa (Co-authors: W.A.S. Hasangika, S. Jaanuvi, H.P. Karunathilake, M.M.I.D. Manthilake, and P.G. Rathnasiri).
- Assessment of Renewable Energy Technologies using Multi-Criteria Decision-Analysis: Input to a RE Technology Road-Map, Vidulka National Energy Symposium 2014, 19th November 2014, BMICH, Colombo 07 (Co-authors: S.A.G.C. Subasinghe, W.D.A.G.K. Katugaha and K.A.C. Seneviratne).
- Clean Air Action Plan and Programs. Integrated Conference of Better Air Quality (BAQ) 2014 and Intergovernmental 8th Regional Environmentally Sustainable Transport Forum in Asia, 19th-21st November 2014, BMICH, Colombo 07.
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