



Research for Transport and Logistics Industry Proceedings of the 4th International Conference

Organised by
Sri Lanka Society of Transport and Logistics



Colombo, Sri Lanka
10th September, 2019

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National Library of Sri Lanka - Cataloguing-In-Publication Data

International Conference on Research for Transport and Logistics Industry
(4th : 7th , September 2019 : Colombo)

Proceedings of the conference / ed. T. L. Gunaruwan. - Moratuwa :
Sri Lanka Society of Transport and Logistics, 2019
27 p.

ISSN 2513-2512

i. 388 DDC23

ii. Title

iii. Gunaruwan, T. L. (ed.)

1. Transportation - Congresses
3. Logistics - Congresses

2. Business logistics - Congresses

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Published By

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Message from the President of Sri Lanka Society of Transport and Logistics (SLSTL)

The continuation of the International Conference for R4TLI - Research for Transport and Logistics Industry for the 4th consecutive year is an effort to bridge the gap between academia and industry that exists in many developing countries.



The SLSTL also during this year is hosting the 13th International Conference of the Eastern Asia Society for Transport Studies (EASTS) concurrent with R4TLI 2019. This will be an exciting time for the transport community in Sri Lanka as it will bring around 600 international transport sector researchers from over 30 countries across Asia.

A panel of international reviewers from Australia, Japan, Sri Lanka, Taiwan, United States of America, United Kingdom have assisted to carry out double blind reviews and recommend papers for presentation.

I am encouraged by the assistance given by the membership of the Sri Lanka Society of Transport and Logistics (SLSTL). The unstinted financial support from the industry lead by the Consulting Engineers & Architects Associated and Bridgeway Enterprises (Pvt) Ltd. The sponsorship of Packwell Lanka (Pvt) Ltd and Printcare PLC is also noted while acknowledging their commitment toward transport sector research and sustainability.

I also wish to place on record the assistance received from the Conference Chair Dr T Sivakumar and the Organising Committee as well as the Editorial chair Prof T L Gunaruwan and Ms. Uthpalee Hewage who managed the Editorial Team which has greatly contributed to making this conference a success. The support extended by the Eastern Asia Society for Transport Studies (EASTS) and the personal attendance at the conference by its office bearers is also greatly appreciated.

Thank you.

Prof Amal Kumarage

President

Sri Lanka Society of Transport and Logistics

Editorial Preface

This year, R4TLI Conference coincides with the 13th international conference of the Eastern Asia Society for Transportation Studies (EASTS), jointly organised in Colombo with the Sri Lanka Society of Transport and Logistics (SLSTL). Thematically, the two conferences converge; and the Proceedings to follow contains discourse on ‘Redesigning Transport & Logistics for the Rise of Asia’, from the points of view of leading academics and practitioners in the field.

R4TLI 2019 submissions were made on invitation only, and of the 12 invited papers, 10 will be published in full in our forthcoming scientific journal.

As in preceding years, our task of editing and compiling the Proceedings of the R4TLI Conference has been a rewarding experience, affording new perspectives on the evolving research interests in the field of transport and logistics. Last year, we stated that it was our wish that future research activity will probe deeper into the questions faced by the domestic Transport and Logistics industry and improve its linkages, sharpening Sri Lanka’s competitive edge in the ever-complex and dynamic global and regional business environment. This year’s Proceedings propose innovative solution to the concerns of underserved areas, diverse industrialists, and a cross-section of Sri Lankan society

The Editorial Committee for 2019 is grateful to the eminent panel of academics for reviewing the submissions and providing feedback to each of our contributors – a contribution which is central to maintaining the standards SLSTL has set for itself. Their contribution to industrial research and development in Transport and Logistics is immense and deeply appreciated.

We look forward to continuing our efforts to catalyse necessary discourse within the discipline of transport and logistics sector for greater research and development undertakings.

Prof T Lalithasiri Gunaruwan (Chief Editor)

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