

TRANSPORT RESEARCH FORUM 2012



Abstracts

20th July 2012
Colombo, Sri Lanka

**Transportation Engineering Division
Department of Civil Engineering
University of Moratuwa**

Conference Program

Transport Research Forum 2012

Plenary Session		9.00 am – 10.30 am
Technical Session 1		11.00 am – 12.30 pm
H1: Highway Engineering	T1: Traffic Engineering & Planning	
<ul style="list-style-type: none"> A Review of Penetration Grading System and the Suitability of Alternate Grading System for Asphalt Binders in Sri Lanka Highways Evaluation of Feasibility of Polymer Modified Asphalt Binders for Sri Lankan Conditions Comparison of Density Specifications Used for Construction of Hot Mix Asphalt (HMA) Investigation on, Suitability of Cohessionless soil as a highway construction material 	<ul style="list-style-type: none"> Dynamic Travel Time Estimation Model for Real Time Travelers Evaluation of Flood Risk of Transport Infrastructure Using GIS Technology A Examination of the Appropriateness of Flyovers as a Traffic Management Measure to the Road Intersections of Sri Lanka Effectiveness of Vehicle-Actuated Signals for at Grade Four Legged Intersections in Sri Lanka: A Comparison Study Against Existing Fixed-Time Traffic Signals 	
Technical Session 2		1.30 pm – 3.00 pm
H2: Highway Planning	T2: Public Transportation & Road Safety	
<ul style="list-style-type: none"> Review of Axle Load Limits on Provincial Roads Finding Thresholds Based on Traffic, Sub-grade and Climate for Upgrading Surface Type of Roads Using HDM-4 Model An Approach to Evaluate Horizontal Alignment of Highways Using Curvature Index and Operating Vehicle Speed Selection Criteria for Minor Road Crossings for Expressways 	<ul style="list-style-type: none"> Study on Promotion of Bicycles for School Children in Eastern Province Development of Transport Infrastructure Master Plan for Long Distance Travel Fanchising of Long Distance Bus Service in Sri Lanka in Order to Improve the Quality of the Service Compensation Systems for Road Accident Victims 	
Technical Session 3		3.30 pm – 5.00 pm
H3: Highway Construction & Maintenance	T3: Traffic & Transport Planning	
<ul style="list-style-type: none"> Evaluation of Cost Effectiveness of Performance Based Maintenance Contract Effectiveness of Rolling Straight Edge for Quality Control of Asphalt Concrete Surfacing The Cement Stabilized Soil as a Road Base Material for Sri Lankan Roads Cost Overruns of Foreign Funded Highway Projects in Sri Lanka 	<ul style="list-style-type: none"> Comparison of Transport-Land Use Models GIS Based Classification System for Low Volume Roads Improvements Need in Evaluation of Road Rehabilitation Projects Evaluation of Parameters Influencing Delays for Road Users at Railway Level Crossings in Sri Lanka 	

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