



Preface

This special issue of International Journal of Pavement Research and Technology (IJPRT) is composed of 14 quality papers submitted in “Topic Area I: Infrastructure Design and Maintenance”, of the prestigious 15th World Conference on Transport Research (WCTR), which was held at Indian Institute of Technology (IIT) Bombay, Mumbai, India from 26th May to 31st May 2019.

World Conference on Transport Research (WCTR) is conducted once in every three years in different parts of the world. WCTR is the flagship event of WCTR Society (WCTRS) (www.wctrs-society.com). WCTRS is a well-established organization with world renowned researchers on its steering and scientific committees. The scientific committee, headed by chair and vice-chairs, is assisted by its members forming into Topic Area Managers (TAMs) and Special Interest Groups (SIGs). Each SIG has a chair/co-chair and at least 24 members. Currently there are 33 SIGs representing the important research streams in each of the 9 (A to I) topic areas of the conference. TAMs and SIGs play vital role in the review process of the papers submitted to WCTR.

The Special Interest Group on Highway Design and Materials (SIG I1) was launched in July 2017 by the Conference Directorate of the 15th WCTR for its Mumbai Conference. Currently this SIG is organized by the Chair, Prof. K V Krishna Rao (IIT Bombay, India) and Co-chair Prof. Dharamveer Singh (IIT Bombay, India). Many of the experts and researchers from all over the world, working in the field of pavement materials, design, and innovative methods are being associated as members of WCTRS through this SIG-I1 to strengthen the quality of papers submitted to WCTR through a rigorous review process.

The papers submitted to SIG:I1 had undergone quality review through members of SIGI1 and other eminent researchers in the area. Along with detailed review reports, the papers were ranked as A (Excellent), B (Very Good), C (Good), and D (Not suitable) depending upon the quality and scientific novelty. A total of 14 selected papers in Category A and B are considered for this special issue of IJPRT. We expect that the selected papers will have good quality contributions in areas of asphalt binder, performance of pavements, innovative technology, recycling, and warm mix additives.

We would like to thank the reviewers for providing their valuable comments which helped in improving the quality of the papers. On behalf of WCTRS, SIG I1 Chair (Prof. K V Krishna Rao) and Co-chair (Prof. Dharamveer) would like to thank the former Editor-in-Chief (IJPRT) Prof. Wei-Hsing Huang and the current Editors-in-Chief (IJPRT) Prof. Jia-Ruey Chang and Dr. Chung Wu, along with Chinese Society of Pavement Engineering (CSPE) for giving this opportunity to publish the special issue of the selected papers presented at 15th WCTR.

Guest Editors

Dharamveer Singh
Associate Professor
Department of Civil Engineering
Indian Institute of Technology Bombay
Powai, Mumbai 400076, INDIA
E-mail: dvsingh@iitb.ac.in

K V Krishna Rao
Professor
Department of Civil Engineering
Indian Institute of Technology Bombay
Powai, Mumbai 400076, INDIA
E-mail: kvk Rao@iitb.ac.in