

SCIENCE JOURNAL OF TRANSPORTATION

**Especial Issue No. 05
International cooperation Journals
MADI - SWJTU - UTC**

**Moscow - Chengdu - Hanoi
06 - 2014**

Dear researchers, colleagues and readers,

Transportation is the means by which all people are connected, all human activities occur. Nowadays, in strong globalizing process, community activities have not been limited by countries' borders; thus transportation becomes non-confrontiers.

We, transportation makers, in this moment, have had a common forum to together discuss, contribute, share and dedicate.

First Especial Issue of international co-operating transportation science journals of State Technical University (MADI)-Russia, South West Transportation University (SWJTU)-China and University of Transportation and Communication (UTC)-Vietnam is published in spring – season of blooming and developments.

We wish you and our transportation career were achieved, prosperous and fruitful.

Science is non-limitation,

Transportation is non-border,

Friendship is non-confrontiers,

Aim toward the future, we will do our best to make transportation:

More intelligent and effective,

Faster and safer,

Cleaner and greener,

With that objective, by this forum, we together connect, endeavour, research, create, contribute, share and devote.

Moscow-Chengdu-Hanoi

Board of Editors-in-Chief

ISSN 2410 - 9088

SCIENCE JOURNAL OF TRANSPORTATION

**Especial Issue No. 05
International cooperation Journals**

**State Technical University - MADI
Southwest Jiaotong University - SWJTU
University of Transport and Communications - UTC**

**Moscow - Chengdu - Hanoi
06 - 2014**

MAIL ADDRESSES OF EDITORIAL BOARDS

Prof. Valentin Silyanov (Editor-in-Chief, Coordinator, Russia)

State Technical University – MADI

Leningradskiy prospect 64 (Suite 348A)

125319, Moscow

Russia

E-mail: silyanov@bk.ru

Prof. Nguyen Van Vinh (Editor-in-Chief, Vietnam)

University of Communication and Transport (UTC)

Dong Da District

Hanoi City

Vietnam

E-mail: nvvinh@utc.edu.vn

Prof. Song Jirong (Editor-in-Chief, China)

Southwest Jiaotong University (SWJTU)

Chengdu, Sichuan

People's Republic of China

E-mail: song@home.swjtu.edu.vn

TABLE OF CONTENT

<i>Pages 3</i>	Ing. MARTIN ŠKODÁČEK Prof. Ing. PAVEL PŘIBYL, CSC Department of Transporting Systems Horská 3, Prague 2, Czech Republic	Scale effects on the shear strength of waste in osaka coastal landfill sites <i>Pages 39</i>
<i>Pages 14</i>	Dr.Eng. NGUYEN HUU HUNG University of Transport and Communications	Prof. Peter V. KURENKOV Natalja A. BESPALOVA Natalja Y.KARGINA Samara State Railway University, Russia
<i>Pages 20</i>	STERGIOSMAVROMATIS Technological Educational Institute of Athens Dept. of Surveying Engineering SPIRIDONPALASKAS BASIL PSARIANOS National Technical University of Athens School of Rural & Surveying Engineering	Situationally-logistical management on the kuibyshev railway <i>Pages 43</i>
<i>Pages 34</i>	Dr. NGUYEN CHAU LAN University of Transport and Communications Assoc. Prof. Dr. INUI.T Prof. Dr. KATSUMI.T Kyoto University	MSC. Nguyen Huy Cuong Dr. Le Minh Cuong Assoc. Prof. Dr. Ngo Dang Quang MSC. Le Dang Dung University of Transport and Communications Numerical investigation for the flexural behavior of rc beams strengthened with textile reinforced concrete <i>Pages 49</i>
<i>Pages 3</i>	Tool for analysis of extraordinary states in complex traffic networks	A.N. NOVIKOV State University V.V. VASILYEVA Agrarian University A.A. KATUNIN State University Application of environmental monitoring
<i>Pages 14</i>	Identification of the fact structure parameters of cable-stayed bridge	Provided vs demanded stoppingsightdistance adequacy evaluation

systems as part of intelligent transport systems		LGTU, Lipetsk, Russia
<i>Pages 52</i>	MSC. BUI THI THANH MAI Dr. NGUYEN XUAN HUY University of Transport and Communications	Management by motion of cars on roadnet
		<i>Pages 75</i> Prof. P.I.POSPELOV Dr. A.A.KOTOV State Technical University – MADI
Numerical modeling of push-out test for stud shear connectors		The integrated client server complex of geovideo for field survey of the heterogeneous data characterizing highways
<i>Pages 57</i>	Dr. A. CHUBUKOV Prof. V. KAPITANOV Dr. O. MONINA Prof. V. SILYANOV State Technical University – MADI	<i>Pages 82</i> Prof. MAKOVSKIY Eng. DANG VAN TRUONG State Technical University – MADI
Directional analysis of the regional traffic accident rate		Prediction of ground deformations due to construction by natm technologies of urban tunnels
<i>Pages 61</i>	Dr. TRAN BAO VIET University of Transport and Communications	<i>Pages 87</i> Prof. YU.V.TROFIMENKO State Technical University – MADI D.Sc. M.S.YAKIMOV Perm State Technical University, Russia
A new study to predict the permeability of concrete materials		
<i>Pages 66</i>	Prof. VIKTOR A. KORCHAGIN LGTU, Lipetsk, Russia Prof. VALENTIN V. SILIANOV MADI, Moscow, Russia Assoc. Prof. VLADIMIR SUVOROV Assoc. Prof. YULIYA N. RIZAEVA	Model research of efficiency of transport systems of cities
		<i>Pages 94</i> Prof. STEFAN STRICK President of the German Road Research Institute (BAST) Traffic accident investigation in Germany