



## Content

SUSTAINABILITY THROUGH GREENING AND REVERSING THE SUPPLY CHAIN ...7	
Ivona BAJOR, Dario BABIĆ, Morana Ivakovic BABIĆ	
TRANSPORT APPLICATIONS OF DISCRETE EVENT SYSTEM MODELS ..... 14	
František BRUMERČÍK	
RAILWAY INTELLIGENT TRANSPORTATION SYSTEM –ARCHITECTURE AND IMPLEMENTATION .....21	
Viliam LENDEL, Michal VARMUS	
INOVATION IN TESTING THE DRIVER CANDIDATS IN PASSENGER SERVICES BY ZTPI QUESTIONNAIRE .....35	
Marie GABRYŠOVÁ, Cezary Andrzej MIZIA	
PROCESS-DRIVEN TRANSPORT COMPANY .....47	
Dagmar HRAŠKOVÁ	
OPTIMIZATION OF LOGISTIC CHAINS IN THE INTERMODAL TRANSPORT ..... 57	
Vladimír KLAPITA	
LOGISTICS CENTERS IN HUNGARY .....65	
Iveta KUBASÁKOVÁ, Katarína IVÁNKOVÁ	
PROPOSAL OF SUPPORT SYSTEM FOR CREATING INNOVATION STRATEGY IN TRANSPORT BUSINESS ..... 75	
Viliam LENDEL, Marie GÁBRYŠOVÁ	
PROCESS-DRIVEN TRANSPORT COMPANY .....89	
Dagmar HRAŠKOVÁ, Peter MAJERČÁK	
PROPOSAL OF PLANNING AND IMPLEMENTATION MODEL OF ITS .....98	
Viliam LENDEL, Michal VARMUS	
BALANCED SCORECARD – TIME TO INCREASING BUSINESS PERFORMANCE.. 111	
Peter MAJERČÁK, Eva MAJERČÁKOVÁ	



BALANCED SCORECARD- REVOLUTION IN PERFORMANCE MANAGEMENT AND  
OPTIONS OF USING THIS METHOD IN TERMS OF TRANSPORTATION ..... 117

Silvia MIKEŠOVÁ , Marie GÁBRYŠOVÁ

THE LOGISTICS CONCEPT OF OPTIMIZED RETRO-REFLECTION DYNAMIC TEST  
OF ROAD MARKINGS ON THE ROADS IN THE REPUBLIC OF CROATIA ..... 128

Tomislav ROŽIĆ, Mario FIOLIĆ, Matko BAČURA

SATISFACTION OF SMALL AND MEDIUM SIZED ENTERSPRISES IN MORAVIAN-  
SILESIA (CZ) AND ŽILINA (SK) REGION WITH SELECTED REGIONAL  
INFRASTRUCTURE ASPECTS ..... 136

Jakub SOVIAR, Marie GABRYŠOVÁ, Josef VODÁK

THE LEVEL OF PREPAREDNESS OF SLOVAK TRANSPORT BUSINESSES FOR  
INNOVATIVE ACTIVITIES ..... 154

Michal VARMUS, Marie GÁBRYŠOVÁ

BALANCED SCORECARD, STRATEGY MAPS AND BUSINESS UNIT  
ALIGNMENT ..... 164

Josef VODÁK, Marie GÁBRYŠOVÁ, Jakub SOVIAR