



Dr Stasha Jovanovic is an Associate Professor at the Faculty of Technical Sciences, University of Novi Sad, Serbia, as well as the founder and principal consultant in the consultancy companies EURO RAIL CONSULT and LOGITRANS, in Belgrade, Serbia. He has 26 years of professional experience in railway infrastructure planning, design and construction, but especially maintenance and asset management. In his career, Dr Jovanovic collaborated with more than 30 railways world-wide. He started his career as a research and teaching assistant at the Civil Engineering Faculty, University of Belgrade, 1992-1999, after which he went to Ph.D. studies at the Technical University Delft (TUDelft) in Holland under Prof. Coenraad Esveld. Whilst working on his Ph.D. Thesis at TUDelft (1999-2004), he also worked for the European Rail Research Institute (ERRI) in Utrecht, as the Leader of the ECOTRACK Project, closely collaborating with over 15 railways, in Europe, Australia and USA on

the implementation of the Railway Infrastructure Asset (Maintenance) Management Systems. After TUDelft and ERRI, he worked for an Italian company *MerMec SpA*, global leader in the production and supply of railway infrastructure condition-monitoring equipment and software solutions, where he developed the World's first integrated *Railway Asset Management SYStem* - "RAMSYS", and where he also initiated, managed and carried out implementation of the RAMSYS system (including the introduction of the entire related Condition-based Maintenance Management Concept) at several railways World-wide, such as *West Net Rail* and *Rio Tinto's Pilbara Iron* in Australia, RFI (*Italian Railway Infrastructure Provider*) in Italy, MRVC in India, *Macedonian Railways* and *Serbian Railways*. As of 2012, he started collaborating closely with another major producer and supplier of railway infrastructure condition-monitoring equipment – ENSCO Inc. from the USA, where he developed another Asset Management System called AMA (*Automated Maintenance Advisor*) and implemented it at the *Roy Hill Railway* in Australia. Stasha Jovanovic has had more than 100 publications on various railway engineering issues, in most important Railway Magazines, like *Rail International (Schienen der Welt)*, *International Railway Journal*, *Railway Gazette*, *Rail Technology Magazine*, as well as at various railway related conferences organized by UIC, IHHA, TRB, AREMA, etc. He also published several articles on the topic of computer aided modeling of railway track structures like the *Embedded Rail Structure (ERS)* in Holland, as well as on design specifications for the construction and maintenance of the High Speed Lines in Serbia. In the period 2003-2011 Stasha was a member of the *American Transportation Research Board (TRB) Committee AR060 (A2M06)* for Railway Maintenance, and in the period 2001-2003 he was a member of the UIC (*International Union of Railways*) Track Expert Group on behalf of ERRI.

A short list of selected companies with whom Stasha Jovanovic collaborated over the past years:

Canadian National Railway (CNR), Canada	Roy Hill Infrastructure Pty Ltd, West Perth, Australia	Rio Tinto Pilbara Iron Railway, Karratha, Australia	West Net Rail (today Brookfield Rail), Perth, Australia	Mumbai Railway Vicas Corporation - MRVC, Mumbai, India
Italian Infrastructure Provider (RFI), Rome, Italy	Metro de Madrid, S.A. Madrid, Spain	Metro Roma Spa, Rome, Italy	Czech Railways (ČD), Prague, Czech Republic	Swiss Federal Railways (SBB/CFF/FFS), Bern, Switzerland
BHP Billiton, WAIO (West Australia Iron Ore) Railway, Port Hedland, Australia	Queensland Rail (QR)(today Aurizon), Brisbane, Australia	Dutch Railway Infrastructure Provider (today ProRail, at the time RailInfrabeheer-RIB), Utrecht, The Netherlands	British Railway Infrastructure Provider (today NetworkRail, at the time Railtrack), London, UK	Danish Railways, (<i>Banedanmark</i>), Kopenhagen, Denmark
Macedonian Railways Infrastructure (MZI), Skopje, Macedonia	Serbian Railways, Belgrade, Serbia	ENSCO Inc., Springfield, Virginia, USA	MER MEC S.p.A. Monopoli (BA) – Italy	Project Preparation Facility (PPF5) & Serbian European Integration Office (SEIO)
Railways of Western Balkans (Albania, Bosnia & Herzegovina, Kosovo*, Macedonia, Montenegro, Serbia)			TCDD (Turkish Railways), Ankara, Turkey & EU Department Union Investments (EUID)	