About the Contributors

**Tomaž Kramberger**, PhD, is an Associate Professor and Vice Dean for research at the Faculty of Logistics, University of Maribor and a head of Department of Quantitative Modeling Logistics. He has a PhD in Computer Science. His research interests are in operations research applied to logistics and transportation. He has been a Senior Research Fellow at National University of Singapore and Georg Mason University.

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**Rickard Bergqvist** is Professor in Logistics and Transport Economics and Head of the Graduate School at the School of Business, Economics and Law, Gothenburg University. His key research areas are maritime logistics, regional logistics, intermodal transportation, dry ports and public-private collaboration. His major works include over 20 refereed journal articles, conference papers and book chapters related to intermodal transport, dry ports, economic modelling, maritime economics and public-private collaboration.

**Halina Maria Brdulak** is Professor PhD Halina Brdulak Institute of International Management and Marketing, Warsaw School of Economics. Advisor of Polish President of LLP - DB Schenker Logistics. Member of Scientific Council of Polish Economic Society, quarterly magazine - “Transport and Logistics”, Logistyka Odzysku (Reverse Logistics) and “Women and Business”. For 6 years (2006-2012) the President of International Women Association in Poland. The authoress of numerous publications and expertise in the field of logistics, transportation, foreign trade and negotiations. Globetrotter, passionate about sailing, bicycling and yoga.

**Anna Brdulak**, an academic teacher at Wroclaw School of Banking, a soft skills coach and PhD candidate at Wroclaw University of Economics. Author of publications about sustainable development, green logistics and CSR. Former employee of one of Warsaw research companies. A globetrotter, passionate about different types of mountaineering such as rock and ice-climbing, dry tooling and alpinism.
Nasima Chowdhury is an environmental and natural resource economist with an interest in modelling the sustainability of economic systems. Nasima worked as a Research Fellow in the Centre for Maritime Economics and Logistics and the International Shipping and Logistics Group within Plymouth Business School at the University of Plymouth. She assisted with a range of projects including modelling the economic aspects of low carbon shipping.

Maria Cieśla is an assistant professor of Logistics at the Silesian University of Technology, Faculty of Transport, Department of Logistics and Mechanical Handling, Poland. She received her master degree in field of management in the same university and the doctoral degree at the Warsaw University of Technology in 2009. She gives lectures on Procurement Logistics, Logistics Strategies, Production Logistics Management courses both on BSc and MSc level of studies. Dr Maria Cieśla is an author and co-author of one monograph, several book chapters and over 60 articles in international journals written in Polish, English and Russian language.

Tina Cvahté is a PhD candidate and teaching assistant on the fields of business and technical logistics at the Faculty of Logistics, University of Maribor, Slovenia. Her main research areas include city logistics and mobilistics, transport logistics and risk and investment management in logistics and supply chains.

Katrien De Langhe graduated in 2011 as a transport economist at the Faculty of Applied Economics at the University of Antwerp. Since August 2011, she works as an academic researcher at the Department of Transport and Regional Economics at the University of Antwerp. Her research focuses on urban logistics and rail transport.

John Dinwoodie is Professor of Maritime Logistics and Leader of the International Shipping and Logistics Group in Plymouth Graduate School of Management. He has led a range of research projects spanning the economics work package in an EPSRC Low Carbon Shipping project, a sustainable marine developments officer and a port sustainability management system. He directs the studies of a range of doctoral and post-doctoral students, and has written a book, several book chapters, around 30 journal articles and over 100 conference papers, and is an editorial advisor to four journals.

Dragan Dejan received his Doctoral degree in year 2002 at the Faculty of electrical engineering, University of Ljubljana, Slovenia. He became a Doctor of electrical engineering sciences, specialized for control, modelling, identification and fault detection of industrial processes. In the time period 1992-1999, he worked in the private sector as a control engineer. Afterwards, in the time period 1999-2007, he was doing a research work at the Institute Josef Stefan, Slovenia, as a scholar. Here, he was particularly specialized in the field of mathematical modelling for the purpose of fault detection and isolation related to the industrial processes. Later, from year 2008 till the present-day, he became a lecturer and researcher at the Faculty of Logistics, University of Maribor, Slovenia. Nowadays, he holds the position of an Assistant Professor and his lectures cover the area of optimization of logistic processes and the field of stochastic model design. Last years, his research interest mostly focuses on the research fields of statistics, statistical and stochastic modelling, time series modelling and forecasting, econometrics, corporate finance, and the theory of investments and valuations of firms. His most important contributions include several original scientific papers in respected international journals from the area of modelling, simulation, and optimization. He was also cited several times, while his other significant publishing
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also includes many conference papers presented at the international conferences. He has also written several textbooks and has collaborated in several applicative projects for the industry and public sector.

Dimitris Gavalas has eight years of experience working as a retail officer, shipping finance analyst and economic analyst in the banking sector. In parallel, during his PhD research, he has served as a Teaching Assistant on Finance, Shipping Finance, Banking and International Economics.

Tomasz Głuszkowski completed his studies in economic cybernetics and computer science at the specialty data processing and accounting, Faculty of Economics and Sociology, University of Lodz (1984) the title of PhD of economic sciences in the field of management sciences (1993) PhD thesis: “KSI - Language for the automatic account assignment of economic events” Professional and scientific activity: July 1984 - September 2014 – University of Lodz (Department of Computer Science Faculty of Management). September 2004 - to the present – innovative business owner (projects of solutions for companies - according to the developed 4TG method, training courses- at present mainly from the 4TG methodology). Cooperation with practice Construction and numerous implementations of models in Ms Excel for accounting and management: budgeting and controlling, production management, logistics, balanced scorecard, CRM, sales analysis. The realization of models for management for dozens of companies, for inter alia: - balanced scorecard for the Bosch-Simens (B/S/H Household Appliances LLC), - planning training sessions for SAP users, - management information system (a set of models providing information for management) for ABB LLC. Training courses - different levels of workshops with 4TG methodology, implementation of 4TG methodology. Book publications I. Tomasz Głuszkowski, “Arkusze kalkulacyjne, przykłady zastosowań, tricki, kruczki”; 256 pages, BROKER Publishing House, Lodz, 1993. 2. Tomasz Głuszkowski, “Podstawowe informacje o pracy w arkuszu kalkulacyjnym, na przykładzie arkusza Quattro Pro”, (destined as training material for students and listeners of courses from a spreadsheet during the initial classes), 32 pages, BROKER Publishing House, Lodz, 1993. 3. Tomasz Głuszkowski, “Arkusz kalkulacyjny w praktyce”, 280 pages, BROKER Publishing House, Lodz, 2000 (the resumption of publication in 2008 and in 2014). 4. Tomasz Głuszkowski, Marta Jabłońska, “Prognozowanie i analizy sprzedaży, przykłady w Excelu”, 140 pages, 4TG Publishing House, Lodz, 2008. 5. Tomasz Głuszkowski, “Metodyka 4TG na tle metodologii projektowania systemów informatycznych”, 256 pages, 4TG Publishing House, Lodz, 2013. Dozens of articles on the use of Ms Excel and 4TG methodology. Scientific and research activity Thomas Głuszkowski has been dealing with spreadsheet and its applications for many years. The first book of the spreadsheet use “Spreadsheet, examples of application, tricks, gimmick” was released in 1993, that is, when very little publications were available on the spreadsheet, and if they were, they described spreadsheet as a tool, not its use. Another book, “The spreadsheet in practice,” appeared in 2000. In this book are examples of design and construction solutions supporting the accounting. Dozens of articles on the use of spreadsheet also appeared in the Monitor of Development Foundation of Accounting in Poland and Controlling and Management Accounting (INFOR). The author made several dozen of works in the spreadsheet for the industry, including companies with national and world leaders. The largest among them are: controlling systems for the Police Chemical Plant JSC, KWK Bogdanka JSC, Pabianice Polfa JSC, a balanced scorecard system for B/S/H Household Appliances LLC, a system for planning of training courses for SAP customers. Cooperation with business was not limited to the implementation of projects. The author conducted an educational campaign for company employees in addition to designing solutions in the spreadsheet. Over the last decade about 2 thousand of people from hundreds of companies emerged at the workshops conducted
by the author. The result of scientific and research activities as well as cooperation with the practice of the author is methodology, named 4TG. At the beginning of the XXI century the author promoted and taught how to create spreadsheet models which work automatically, when others learned of the ad hoc working in Excel. Today, the author teaches the principles of building models of a certain quality (see 4TG methodology), while others learn ad hoc work and begin to learn work automation.

Alexander Haas joined the HHL Chair of IT-based Logistics in July 2012 as a research associate. After graduating from secondary school and completing civilian service in Leipzig, he studied Business and Engineering with a focus on operations and logistics management at Dresden University of Technology. Besides his studies, he gained practical knowledge as a working student in supporting SAP processes at GISA GmbH and in operations at Deutsche Post DHL. His research interests are the application of emerging information technologies and business intelligence solutions in logistics and supply chain management.

Iris Hausladen is chairholder of the Heinz Nixdorf Chair of IT-based Logistics at HHL since September 2007 and since 2006 private lecturer for business administration at the Technical University of Munich (TUM). There, she received her PhD in 2000 as well as her postdoctoral lecturer qualification in 2006 and was also lecturer at the Chair of Business Administration – Management, Logistics and Production. From 2001 until 2002, Prof. Hausladen acted as a consultant and senior manager in production, logistics and technology management at the TCW Transfer-Centrum GmbH & Co. KG. In 2006, she received the postdoctoral lecture qualification prize from the Bund der Freunde of the TUM. Besides her lecturing and research activities, Prof. Hausladen actively takes part in the German Logistics Association (BVL).

Borut Jereb, Ph.D., holds a teaching, Vice-dean for Academic Quality and International Development, Head of Center of Information Systems and Head of Laboratory of Informatics position at the University of Maribor, Faculty of Logistics. He received his Ph.D. degree in Computer Science from the University of Ljubljana in 1991. He was researcher at Institute “Jožef Stefan”. In 1991–1992 he was Visiting Professor at Oregon State University, USA. After his return to Slovenia he gained extensive experience on diverse areas by managing and consulting for companies and government agencies as freelancer in the role of consultant or in reorganisation teams – it includes Director, Senior project manager and Under-secretary position at the Ministry of the Republic of Slovenia. In the past seven years he is working at the Faculty. His current research interests include IT managing and auditing, risk and quality management, standardization, environmental management and project management. He is author of several scientific articles, and he is member of ISACA and holds the CISA, CISM and CGEIT certificate.

Bill Karakostas is a Director of Cloud technologies in VLTN GCV Belgium. Prior to this current job, he has worked as an Associate Professor at City University London and as an assistant Professor at University of Manchester-UMIST in the UK. Bill received the MSc and PhD in Software Engineering from University of Manchester, United Kingdom. Bill has published over 200 research papers and three books on systems requirement engineering, model-driven service engineering, and service customization. His research interest includes Cloud and Service Computing. He is a member of the ACM and IEEE Computer Society.
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Clemens Kuss, Bakk. is a Researcher and PhD candidate at the Institute of Production Management & Business Logistics at the Alpen-Adria-Universitaet Klagenfurt. His research mainly focuses on the evaluation and improvement of supply chain efficiency. Further research priorities include the efficient design of supply chains with the support of simulation software as well as value stream analyses.

Kyandoghere Kyamakya is full professor at the Alpen-Adria Universitaet Klagenfurt, where he leads the research group “Transportation Informatics” at the Institute for Smart Systems Technologies since 2005. From 2002 to 2005 he was junior professor for Positioning Location Based Services at Leibniz University of Hannover. His main research focus is on the modeling, simulation, and test-bed evaluations for a series of concepts in the areas of Intelligent Transportation Systems; Intelligent Vehicles and Mobile Robotics Systems; and Intelligent Logistics and Supply Chains. He is the author of more than 150 publications in these fields.

Hilde Meersman is a doctor in Applied Economics. She is a full professor at the University of Antwerp where she teaches Economics, Introductory Econometrics, Applied Econometrics, Transport Modelling. She also teaches at the Technical University of Delft. Her research activities are on the intersection of transportation economics, macroeconomics and economic modelling. This enables her to link the evolution in the world economy to specific transportation problems. She is involved, directly or indirectly, in a large number of research projects on topics such as international investment, modelling and forecasting commodity transportation, empirical analysis of port competition, inland navigation, mode choice, sustainable mobility, etc. She has been an advisor to the Dutch Central Bank and has been and still is involved in a large number of international exchange programs.

Andrea Migliardi is a Researcher at the Research Office of the branch. He published papers about transportation, tourism e and services (European Transport, Bank of Italy Occasional Papers, Bank of Italy Workshop and Conference series, Economia dei Servizi, Economia e Diritto del Terziario, etc.).

Oana Stefana Mitrea is a sociologist working in the field of intelligent mobility concepts and was with IFZ, Interuniversity Research Centre for Technology, Work and Culture, Graz, Austria. She is now with the Transportation Informatics Group, Institute of Smart Systems Technologies, Alpen-Adria Universitaet Klagenfurt.

Jason Monios is a Senior Research Fellow at the Transport Research Institute, Edinburgh Napier University, UK, where he leads research and consultancy projects in the Maritime Transport & Logistics Research Group. His primary research areas are intermodal freight transport planning and the geography of port systems, with a specific interest in the relations between ports and inland actors in managing hinterlands. He has published widely on intermodal terminals, dry ports, regional port development and the institutional challenges to successful intermodal transport and logistics. He has published research on Europe, North and South America, Asia and Africa, co-authored technical reports with the United Nations and his first book was published in 2014. In addition to a Master’s degree in Transport Planning & Engineering and a PhD in Transport Geography, he also holds a first-class honours degree and a PhD in English Literature. Dr Monios is a fellow of the Royal Geographical Society and a member of the International Association of Maritime Economists.
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**Kamalendu Pal** is with the Department of Computer Science, School of Mathematics, Computer Science and Engineering, City University London. Kamalendu received the BSc (Hons) degree in Physics from Calcutta University, India, Postgraduate Diploma in Computer Science from Pune, India; MSc degree in Software Systems Technology from Sheffield University, Postgraduate Diploma in Artificial Intelligence from Kingston University, MPhil degree in Computer Science from University College London, and MBA degree from University of Hull, United Kingdom. He has published few dozen research papers. His research interest includes knowledge-based systems, decision support systems, computer integrated design, software engineering, and service-oriented computing. He is a member of the British Computer Society, the Institution of Engineering and Technology, and the IEEE Computer Society.

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**Bojan Rosi**, MBA, BSc. of organizational (production management) science, university lecturer and dean of the Faculty of Logistics, University of Maribor, qualified for the subject area of Economic Logistics/Logistics social sciences. Author of a number of scientific papers, textbooks and books and different other publications. Before the present employment he was employed at the Slovenian Railways for twenty years, and as a counselor of the Government of the Republic of Slovenia at the Ministry of Transport, for five years. He is also a member of some significant associations in the field of transport and logistics on the national and international level and a Head of the Department of Supply Chain and Sustainable Development, at the Faculty of Logistics, University of Maribor.

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**Ondrej Stejskal** is currently a student of the master degree study programme at the Czech Technical University in Prague, Department of Logistics and Management in Transportation. He took a part in various international internships. Currently, he is a participant of the Trainee programme organized by fast growing comapny Logio.

**Slobodan Stojic** works as researcher and lecturer at the Czech Technical University in Prague, Department of Air Transport. Mr. Stojic is primarily focused on the field of Aviation Safety and Security.

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Greece; and, Hellenic Open University, Greece. Before joining the academia and for nearly two decades, Prof. Syriopoulos held top executive management posts in banking, investment, asset management, corporate finance and consulting business. Prof. Syriopoulos has also extensive experience in research programs and executive education, as instructor, academic director and organizer of executive programs, summer schools and distance learning education. Prof. Syriopoulos publishes regularly in accredited international financial journals as well as in edited volumes and books in topics of finance. Research fields of interest include: applied corporate finance; global capital markets and portfolio management; mergers & acquisitions; financial derivatives and risk management; shipping finance and banking; and, corporate governance & social responsibility. Prof. Syriopoulos is a member of international academic and professional bodies and associations including: European Finance Association; American Finance Association; European Financial Management Association; Multinational Finance Society; International Association of Maritime Economists; Hellenic Association of Maritime Economists; Hellenic Finance and Accounting Association; Hellenic Economic Chamber; Federation of Institutional Investors; Federation of European Stock Exchanges; International Money-Laundering Committee.

Christa Sys jointly graduated as a doctor in Applied Economics at the Ghent University and the University of Antwerp (December 2010). Her doctoral research dealt with the competitive conditions, the concentration and the market structure of the container liner shipping industry (link). This research was awarded by the Section of Technical Sciences of the Royal Academy for Overseas Sciences with the General Manager Fernand Suykens Prize for Port Studies. Until October 2013, Christa Sys was scientific director of the Research Centre on Freight and passengers flows. She currently is holder of the BNP Paribas Fortis chair on transport, logistics and ports at the Department of Transport and Regional Economics. Her research centres on maritime economics and co-operation and competition in shipping. She teaches at the University College Ghent, Faculty of Applied Business (Member of Ghent University Association). Her educational activities focus on the different modes of transport (road-, rail-, air transport, inland transportation and maritime transport).

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Tit Turnšek graduated at the Faculty for Electrotechnics of the University of Ljubljana. He received his doctorate in Quality Management (PhD) at the Faculty of Organization Studies Novo mesto. In the first period of his professional career he worked on development projects in the field of communication technologies. At the beginning of 70ies his attention was attracted by information technologies. He studied social processes and the methodologies for their research, specially System theory and System dynamics.

Janez Usenik is Full Professor of Quantitative Methods on University of Maribor, Slovenia. He has written 16 books, 6 book chapters, 35 scientific journal articles, over then 80 conference papers. His research fields: Operations Research, System Theory, Control, Fuzzy Logic, Neural Networks.

Eddy Van de Voorde is Full Professor at the University of Antwerp, Faculty of Applied Economics. His activities are situated in Maritime Economics, Port Economics, Air Transport and Logistics. He is in charge of a lot of new research projects, financed by various Belgian and international governments and
private organizations. A lot of his research, particularly in the field of modeling freight transport, results in a long list of publications in important journals. Recently, he was co-author of various standard-works in the field of transport economics and models. He is also a professor at the University of Ghent and at the Technical University of Delft, and he is visiting professor at different foreign universities, such as Lisbon (Tecnoic), Bari, London (City University) and MIT (Cambridge, Boston). In the past years he fulfilled different functions in international scientific associations, such as being the vice-chair of the International Association of Maritime Economists (IAME), vice-chair of the scientific committee of the World Conference on Transport Research Society (WCTRS) and chair of the Benelux Interuniversity Group of Transport Economists (BIVEC). He is also a member of a scientific editorial staff of seven international journals, such as Maritime Policy and Management, Transport Policy, Transportation Research-E, and the International Journal of Transport Economics. In 2005, he was awarded in Genua a prestigious international prize, the Premio Internazionale delle Communicazion “Cristoforo Colombo”, for his scientific research in the field of Maritime Economics.

**Thierry Vanelslander** (1975) graduated as a doctor in Applied Economics at the University of Antwerp in 2005. He currently is tenure track assistant professor at the Department of Transport and Regional Economics. Until 2013, he was holder of the BNP Paribas Fortis chair on transport, logistics and ports. Until halfway 2009, he was director of the Research Centre on Freight and Passenger Transport, hosted by the Department of Transport and Regional Economics, to which he still is a promoter now. He is currently course co-ordinator for the courses ‘Management of Innovation and Technology’ and ‘Port Economics and Business’ at C-MAT, and ‘Transport Economics’ at the Faculty of Applied Economics. His research focuses on business economics in the port and maritime sector, and in land and air transport and logistics. His PhD dealt with co-operation and competition in sea-port container handling.

**Peter Vittek** works as researcher and lecturer at the Czech Technical University in Prague, Department of Air Transport. Mr. Vittek is currently an active researcher in the various Grant Projects in the field of Aviation Safety and Security.

**Martina Vittekova** currently works at Czech Technical University in Prague as a researcher and lecturer. From the year 2005 Mrs. Vittekova is assistant professor at the Department of Logistics and Management in Transportation. From the year 2011 she is focused on the studies and analysis of the Supply Chain Security a Supply Chain Security Management. Besides CTU, she also works as a lecturer of the Safety and Security subject, which is a part of FIATA study programme at the Jan Perner University in Pardubice. She is also focused on economy-mathematical models and methods of economic analysis. As a previous participant of the EU-USA ATLANTIS – Dual degree study programme she was primarily focused on the field of Supply Chain Management. The EU-USA ATLANTIS Dual study programme is a project of University of Texas in El Paso and University of Žilina.

Herwig Winkler is Full Professor and holds the Chair of Production Management at the Brandenburg University of Technology Cottbus-Senftenberg in Germany. He holds a Master’s degree and a PhD in Social and Economic Sciences. He has published more than a hundred articles and presented research results at many international conferences. Main research interests are production management, flexibility management, supply chain planning and controlling, and sustainability.