





January 22–26, 2018 METROPOL PALACE HOTEL BELGRADE, SERBIA

# 2nd Technical Knowledge Exchange on Resilient Transport:

Learning from the Serbian Experience in DRM for Resilient Transport

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# Agenda

# Monday, January 22, 2018

8:30am	Registration — Nikola Tesla Ballroom		
9:00AM	SESSION 1: OPENING		
	Welcome and Opening Remarks (10 minutes)		
	<ul> <li>Mr. Shomik Mehndiratta, Practice Manager, World Bank</li> </ul>		
	<ul> <li>Mr. Marc Forni, Lead DRM Specialist, World Bank</li> </ul>		
	Learning Objectives (10 minutes)		
	<ul> <li>Ms. Fiona Collin, Lead Transport Specialist, World Bank</li> </ul>		
	Keynote Presentation (15 minutes)		
	<ul> <li>Mr. Miodrag Poledica, State Secretary, Ministry of Construction, Transport and Infrastructure</li> </ul>		
	<ul> <li>Mr. Marko Blagojevic, Acting Director, Public Investment Management Office</li> </ul>		
	Q&A to Panel (10 minutes)		
	<ul> <li>Shomik, Marc, Fiona</li> </ul>		
9:45AM	SESSION 2: SERBIA RESILIENCE		
	Overview of Serbia Resilience (5 minutes)		
	<ul> <li>Ms. Svetlana Vukanovic, Transport Specialist, World Bank</li> </ul>		
	Introduction to the Project Team (5 minutes)		
	<ul> <li>Mr. James Reeves, Senior Technical Director, IMC Worldwide</li> </ul>		
	Guidelines and Tool Development (15 minutes)		
	<ul> <li>Ms. Biljana Abolmasov, Associate Professor, University of Belgrade</li> </ul>		
	Landslide Assessment (10 minutes)		
	<ul> <li>Ms. Biljana Abolmasov, IMC Worldwide</li> </ul>		
	Prioritization Methodology (15 minutes)		
	<ul> <li>Mr. James Reeves, IMC Worldwide</li> </ul>		
	Q&A to Panel (10 minutes)		
	<ul> <li>Svetland, Biljana, James, Darko</li> </ul>		
10:45am	Coffee break		
11:00am	SESSION 3: CLIMATE SCIENCE AND RESILIENT DESIGN		
	Climate Science (20 minutes)		
	<ul> <li>Ms. Maria Sunyer Pina, Climate Change Adaptation Consultant, Arup</li> </ul>		
	Climate and Natural Hazard Resilience of Rail Projects for the WB Urban Rail Design Guidebook (20 minutes)		
	<ul> <li>Ms. Savina Carluccio, Chartered Civil Engineer, Arup</li> </ul>		
	ReDI—Resilient Engineering Design Initiative—Floods and Earthquakes (20 minutes)		
	<ul> <li>Ms. Yana Waldman, Senior Consultant, Arup</li> </ul>		
	Q&A to Panel (15 minutes)		
	<ul> <li>Maria, Savina, Yana, Maria, Denis</li> </ul>		

12:15рм	Lunch (44 Paralel Restaurant)
1:00рм	SESSION 4: CLIENT COUNTY PRESENTATIONS 3 Countries TBD (10 minutes each) Exchange of Views, Panel (James, Marc, Juan, Savina, Yana) (15 minutes)
1:45pm	Session 5: Geohazards and Landslides
	Geohazard Handbook (20 minutes)
	<ul> <li>Ms. Yuka Makino, Senior Natural Resources Management Specialist and DRM Officer, World Bank</li> </ul>
	Tajikistan WB Project Tool (20 minutes)
	<ul> <li>Mr. Yannis Fourniadis, Chartered Geologist and Specialist, Arup</li> </ul>
	Resilience of Geotechnical Assets to Severe Weather—Vulnerability Framework to Categorize Assets Prioritize Interventions Pre- and Post-Weather Event (20 minutes)
	<ul> <li>Ms. Savina Carluccio, Chartered Civil Engineer, Arup</li> </ul>
	Q&A to Panel (15 minutes)
	<ul> <li>Yannis, Yuka, Savina, Biljana</li> </ul>
3:00pm	SESSION 6: PRACTICAL APPROACHES
	Optimizing Road Infrastructure for Beneficial Water Management and Resilience Under Climate Change (20 minutes)
	<ul> <li>Mr. Frank van Steenbergen, Consultant, World Bank</li> </ul>
	Use of GIS and Remote Sensing Technologies, Geotechnical DataBase Management (20 minutes)
	<ul> <li>Mr. Yannis Fourniadis, Chartered Geologist and Specialist, Arup</li> </ul>
	Q&A to Panel (15 minutes)
	<ul> <li>Frank, Yannis, Savina, Svetlana</li> </ul>
3:55рм	Coffee Break
4:05pm	SESSION 7: CLIENT COUNTY PRESENTATIONS
	3 Countries TBD (10 minutes each)
	Exchange of Views, Panel (James, Yannis, Shomik, Savina, Yana) (15 minutes)
4:50pm	SESSION 8: ACTION PLANNING
	Introduction to Action Planning (10 minutes)
	<ul> <li>Mr. Marc Forni, Lead DRM Specialist, World Bank</li> </ul>
	Challenge Questions and Action Planning (60 minutes)
	<ul> <li>Team Exercise (All presenters to help facilitate team discussion)</li> </ul>
6:00pm	WRAP-UP
	Wrap-up of Day 1 and Overview (10 minutes)
	<ul> <li>Mr. Shomik Mehndiratta, Practice Manager, World Bank</li> </ul>
	<ul> <li>Logistics for Day 2 (5 minutes)</li> <li>World Bank Team</li> </ul>
6:30pm	WELCOME RECEPTION (Ivo Andric A Ballroom)

# Tuesday, January 23, 2018

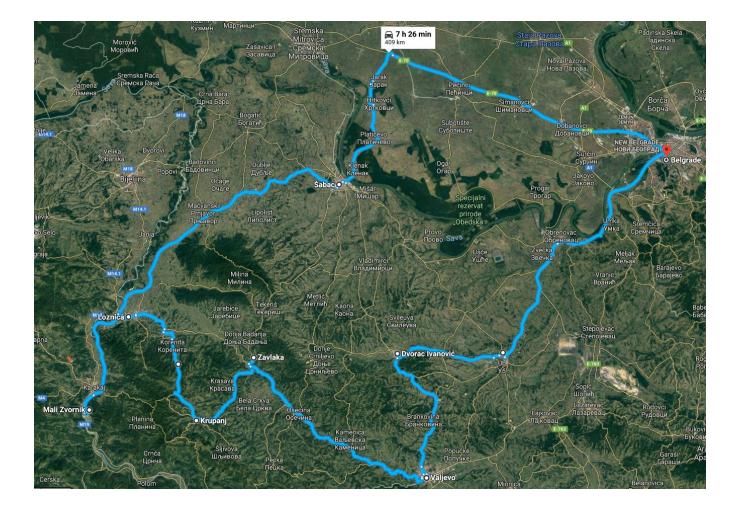
8:45am	Coffee	
9:00am	SESSION 1: DAY 2 OPENING COMMENTS         Recap of Day 1 and Overview of Day 2 (5 minutes)         • Mr. Marc Forni, Lead DRM Specialist, World Bank         Logistics Issues for Day 2 (5 minutes)         • Ms. Nadia Islam, Program Analyst, World Bank	
9:10am	<ul> <li>SESSION 2: RESILIENCE FINANCING AND ECONOMIC APPRAISAL Resilience Financing Mechanisms (20 minutes)</li> <li>Ms. Yana Waldman, Senior Consultant, Arup Economic Appraisal of Resilience Interventions—Serbia, Caribbean and Pacific (20 min)</li> <li>Mr. James Reeves, Senior Technical Director, IMC Worldwide DfID Briefing Notes on Climate Resilient Infrastructure (20 minutes)</li> <li>Ms. Maria Sunyer Pina, Climate Change Adaptation Consultant, Arup Q&amp;A to Panel (15 minutes)</li> <li>Yana, James, Maria, Marc, Juan</li> </ul>	
10:25am	Coffee break	
10:35ам	SESSION 3: CLIENT COUNTY PRESENTATIONS 3 Countries TBD (10 minutes each) Exchange of Views, Small Group Discussions (15 minutes) 3 Countries TBD (10 minutes each) Exchange of Views, Small Group Discussions (15 minutes)	
12:05рм	Lunch (44 Parallel Restaurant)	
1:15pm	SESSION 4: READINESS OF ROADS FOR FLOODS AND PBC         Optimizing Road Infrastructure for Flood Preparedness and Emergency and Post- Emergency Response (20 minutes)         • Mr. Frank Steenbergen, Consultant, World Bank         Role of Road Asset Management in Emergency Response (20 minutes)         • Mr. Ian Greenwood, Consultant, World Bank         Q&A to Panel (20 minutes)         • Frank, Ian, Shomik, Savina/Maria	

2:15рм	SESSION 5: PRACTICAL APPROACHES 1	
	PBC Responses to Climate Change (20 minutes)	
	<ul> <li>Ms. Yana Waldman, Senior Consultant, Arup</li> </ul>	
	Roadside Tree Planting—Experiences, Good Practices and Potential to Contribute to Resilience (20 minutes)	
	<ul> <li>Mr. Frank van Steenbergen, Consultant, World Bank</li> </ul>	
	Road Maintenance as an Adaptive Response (20 minutes)	
	<ul> <li>Mr. Ian Greenwood, Consultant, World Bank</li> </ul>	
	Q&A to Panel (15 minutes)	
	<ul> <li>Yana, Frank, Ian, Fiona, Denis</li> </ul>	
3:30рм	Coffee break	
3:40рм	SESSION 6: ENGAGEMENT AND ACTION PLANNING	
	<ul> <li>Small Group Discussion and Action Planning (60 minutes)</li> </ul>	
	<ul> <li>Small Group Reporting (30 minutes)</li> </ul>	
	<ul> <li>Interactive Session and Feedback on Learning Needs from Each Country (10 minutes)</li> </ul>	
5:20рм	WRAP-UP	
	Wrap-up of Day and Overview (10 minutes)	
	<ul> <li>Mr. Shomik Mehndiratta, Practice Manager, World Bank</li> </ul>	
	Logistics for Day 3 Field Visit (5 minutes)	
	<ul> <li>World Bank Team</li> </ul>	
6:30рм	BUFFET DINNER (44 Parallel Restaurant)	

# Wednesday, January 24, 2018

7:40am	Coffee: Meet at the hotel entrance
8:00am	SESSION 1: DAY 3 OPENING COMMENTS (ON THE BUS)
	Recap of Day 2 and Overview of Day 3 (5 minutes)
	<ul> <li>Mr. Marc Forni, Lead DRM Specialist, World Bank</li> </ul>
	Logistics Issues for Day 3 (5 minutes)
	<ul> <li>Darko / Svetlana</li> </ul>
	FIELD TRIP
	<ul> <li>drive to Mali Zvornik (route Belgrade - Šabac - Loznica - Mali Zvornik) (2 hours)</li> </ul>
	<ul> <li>break at Mali Zvornik and review of the rehabilitation works done after flood in 2014 (30 minutes)</li> </ul>
	<ul> <li>drive to Krst and reviewing rehabilitation works (route Mali Zvornik - Loznica - Krst) (30 minutes)</li> </ul>
	<ul> <li>drive from Krst to Krupanj with review of the rehabilitation works / landslides, bridges, Stolice dam, torrential floods, Korenita river regulations (60 minutes)</li> </ul>
	<ul> <li>coffee break in Krupanj and meeting with local authorities in the Krupanj Municipality building (60 minutes)</li> </ul>
	<ul> <li>drive Krupanj - Zavlaka and review of partialy rehabilitated road and rehabilitation works on landslides and bridges (30 minutes)</li> </ul>
	<ul> <li>drive to Koceljeva (route Zavlaka - Valjevo – Koceljeva) and review of rehabilitation works on bridges, different slope stability measures, regulation of Jadar river, regulation on Kolubara river, rehabilitation on Tamnava river and bridge (90 minutes)</li> </ul>
	<ul> <li>lunch at Koceljeva in Hotel Dvorac Ivanović (2 hours)</li> </ul>
	<ul> <li>return to Belgrade through the Obrenovac and Ub that are the most affected municipality by the floods in 2014 (route Koceljeva - Ub - Obrenovac – Beograd) (90 minutes)</li> </ul>
7:30pm	ARRIVAL IN BELGRADE

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# Thursday, January 25, 2018

8:45AM	Coffee
9:00am	<ul> <li>SESSION 1: DAY 4 OPENING COMMENTS         <ul> <li>Recap of Day 3 and Overview of Day 4 (5 minutes)</li> <li>Mr. Marc Forni, Lead DRM Specialist, World Bank</li> <li>Logistics Issues for Day 4 (5 minutes)</li> </ul> </li> </ul>
	<ul> <li>Ms. Nadia Islam, Program Analyst, World Bank</li> </ul>
9:10am	Session 2: Bringing It Home Stock-Taking and Multi-Stakeholder Dialogue (30 minutes) How to Operationalize Key Take-Aways (30 minutes)
10:10am	Coffee break
10:30am	SESSION 3: COUNTRY-SPECIFIC ACTION PLAN DEVELOPMENT         Small Group Discussion by Clients and TTLs (60 minutes)         Action Plan Pitch #1 (60 minutes)         Country Presentations         Panel Discussion After Each Pitch
12:30рм	Lunch (44 Paralel Restaurant)
1:30рм	Session 4: Country-Specific Action Plan Development         Action Plan Pitch #2 (120 minutes)         • Country Presentations         • Panel Discussion After Each Pitch
3:00рм	Coffee break
3:45рм	SESSION 5: CONCLUSION AND WRAP-UP Conclusions and Take-Aways (20 minutes) Closing Remarks (10 minutes) Certificate Presentation (10 minutes)
6:30рм	BUFFET DINNER (44 Paralel Restaurant)

## Friday, January 26, 2018

**World Bank Only.** Objective: To develop a strategy for the Resilient Transport Community of Practice (COP) and Partnership Program

9:00am	INTRODUCTION TO THE SESSION		
	<ul> <li>Mr. Shomik Mehndiratta, Practice Manager, World Bank</li> </ul>		
	<ul> <li>Mr. Marc Forni, Lead DRM Specialist, World Bank</li> </ul>		
	INTRODUCTION OF RESILIENT TRANSPORT PARTNERSHIP PROGRAM		
9:15am	REVIEW OF THE WEEK		
	<ul> <li>Reflections on the week and implications for Transport and DRM partnership value proposition</li> </ul>		
	<ul> <li>Key takeaways on what worked well/not so well for planning future events</li> </ul>		
9:45am	COMMUNITY OF PRACTICE – REVIEW OF ONGOING ACTIVITIES		
	<ul> <li>Tour de table to identify ongoing TA and lending operations in resilient transport</li> </ul>		
	<ul> <li>Knowledge management dashboard</li> </ul>		
	<ul> <li>What GFDRR can offer (ThinkHazard, Geonode, GeoSafe, various tools/resources)</li> </ul>		
	<ul> <li>Technical and peer review</li> </ul>		
	<ul> <li>Update on SIDS flagship report and potential fundraising (Denis Jean- Jacques Jordy)</li> </ul>		
	<ul> <li>Communications and outreach – blogs, BBLs, materials</li> </ul>		
11:00am	COMMUNITY OF PRACTICE - WORK PLAN AND NEXT STEPS		
	<ul> <li>Brainstorm and discussion session for ideas on next flagship</li> </ul>		
	<ul> <li>Discussion on how CoP aims to secure sources of funding</li> </ul>		
	<ul> <li>Systematizing JIT support</li> </ul>		
	<ul> <li>Open discussion on expectations and mandate for CoP</li> </ul>		
12:00рм	LUNCH + WRAP UP		

Clients/External Speakers Only. Objective: To complete the summary of Action Planning discussions and submit the template to the workshop organizing team for the Belgrade Resilient Transport conference summary report. (Once clients/external speakers submit their templates, it will be free time.)

10:00am	Clients to complete the summary of Action Planning Discussion in the below template (completed summaries will be part of Resilient Transport TKX report):
	<ul> <li>Overall transport and disaster risk management:</li> </ul>
	<ul> <li>(DRM) institutional mapping:</li> </ul>
	<ul> <li>Client-identified challenges</li> </ul>
	<ul> <li>Implementation plan</li> </ul>
12:00рм	LUNCH + WRAP UP

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Notes

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Notes


# Workshop Participants

#### Organizers



#### Marc S. Forni Lead DRM Specialist, GSURR, World Bank

Marc Forni joined the World Bank in 2003, working for four years in the Latin America and the Caribbean region to help build the disaster risk management practice. He returned to the World Bank in 2011, after a period as an investment banker, to support the expansion of the disaster risk management practice in South Asia, where he leads the World Bank's investments in resilience in

Bangladesh and Sri Lanka, as well as housing reconstruction in Nepal following the 2015 earthquake.



#### Shomik Mehendrinatta

Practice Manager for Transport in Latin American and the Caribbean, World Bank Dr. Shomik Mehndiratta is the World Bank's Practice Manager for Transport in Latin American and the Caribbean. He has been at the World Bank since 2002 (except for a short break in 2015) working primarily in East Asia, Latin America and Africa. He has served in the past as the Transport Sector's technical lead on urban mobility and climate-informed transport. In the period 2007-2010 he lived and worked in China and is the co-editor and author of an edited book on Low Carbon Urban

Development in China. In 2015 he briefly worked with Uber as Director of Policy; and prior to the World Bank he worked at CRA International, a business and economics consulting firm, based out of Boston MA. Shomik holds a PhD from the University of California at Berkeley and an executive MBA jointly from INSEAD and Tsinghua University.



#### Akiko Toya

Junior Professional Officer, GFDRR, World Bank

Akiko Toya is a junior professional officer who works on GFDRR's technical assistance grant portfolio. She connects leading global and Japanese DRM knowledge and expertise with the World Bank's operational teams, focusing on resilient infrastructure and transport projects. Previously, she worked with the South Asia and Latin America and the Caribbean teams on disaster risk assessment and risk reduction strategies for the transport sector. Prior to joining the World Bank, she worked in enterprise

risk management and political risk advisory at private insurance and consulting firms. A Japanese national, Akiko holds a master's degree in public affairs and risk management from Cornell University and a bachelor's degree in environmental economics and sustainable development and has spent a semester abroad at La Universidad San Francisco de Quito in Ecuador.



#### Darko Milutin

Disaster Risk Management Specialist | ECA, World Bank

Prior to joining the ECA Urban and DRM Unit (GSURR) as a DRM Specialist in 2016, Darko worked as a Project Manager for the DRM Team in Serbia CMU, where he was responsible for support to the implementation of the National Disaster Management Program of Serbia. Most of his career he spent working in development cooperation, combined with academic work in the Netherlands and Serbia. His international experience as a consultant stretches over more than 20 years, with the last eight years

prior to joining the World Bank being a donor representative for Luxembourg bilateral development cooperation projects in Serbia and Montenegro. A Serbian and Dutch national, Darko holds a PhD degree in Environmental Sciences from Wageningen, the Netherlands, with the BsC degree in Hydrology and Water Resources Management Engineering from Belgrade, Serbia.



#### Fiona Collin

Lead Transport Specialist, Transport and ICT, World Bank

Fiona Collin joined the World Bank as a senior transport specialist in 2011, initially based in Addis Ababa for three years, and now a further three years in headquarters within the Europe and Central Asia region. Before joining the World Bank, Fiona worked as a civil engineer and project manager, specializing in transport and connectivity. Her 30 years of work experience spans the World Bank and

other development partners, road agencies, contractor work, and consultancies. Geographically, Fiona has worked in Europe, Central Asia, East Africa, East Asia, Australia, and the Pacific Islands. With a significant amount of time spent in tropical latitudes, Fiona has firsthand experience of extreme weather, particularly in relation to cyclones and flooding, and in post disaster recovery and adaptation. This professional and personal exposure brings with it an interest in addressing the impacts of climate change and extreme weather and its effects on road infrastructure; and her professional background as a development practitioner and engineer who has designed, built, and maintained roads provides perspectives on how to deal with it.



#### Nadia Islam

Program Analyst, GFDRR, World Bank

Nadia started her career at the World Bank with the first VP for SAR working on annual and spring meetings. She has extensive experience in working in operations, with the agriculture department and M&E. She has handled corporate events for the President and one of the largest Bank organized ministerial conferences in Egypt. She recently moved to GFDRR from Social Safeguards in SAR where she was the manager of the TSP database and monitored near 100% tracking social performance

rates in projects; monitoring the Unit's portfolio and budgets and has been core team of the GPSURR forum organizing team. Nadia worked in the Cairo country with the Country Director's office on portfolio monitoring. In GFDRR, she will contribute and support monitoring and management of the overall GFDRR programs with focus on visibility events for the secretariat and well as post-disaster needs assessments. She will be providing cross support to the GPs and CRP given her extensive operational experience in the Bank and ensuring accountability of GFDRR funding in many of these programs.



#### Svetlana Vukanovic

Transport Specialist, World Bank

Svetlana Vukanovic is a Transport Specialist in the World Bank where, for the past nine years, she has been working on transport infrastructure investment and road and rail sector reform projects, ITS, road safety and resilience. Before joining the Bank, she worked on cutting edge innovative EU mobility projects and was technical department manager for ITS in Siemens. She has a PhD in ITS from the

Technical University of in Munich.

#### World Bank



#### Juan Gaviria

Practice Manager, Transport and ICT, World Bank

Juan Gaviria is a practice manager of transport for Europe at the World Bank and responsible for managing the transport infrastructure practice in 22 active programs in the European Union, Eastern Partnership, Western Balkans, Caucasus, Turkey, and the Russian Federation. He oversees a portfolio of investment projects totaling just under US\$5 billion and annual advisory services of about US\$5 million, including a diverse portfolio of motorways, railways, waterways, ports, and logistics projects, as

well as infrastructure public-private partnerships (PPPs) in a variety of countries. Juan also has broad professional experience in private and public infrastructure development and management, public utility companies and concessions, climate change and infrastructure operations, management of complex assignments, project appraisal, finance, management, and marketing covering Europe, Latin America, Central Asia, South Asia, and Africa. He also has experience as chief operating officer of a medium-size global container shipping line, formulating and implementing new company strategy; carrying out organizational and cultural alignment; and developing

regulatory strategy, value creation, integration management, and concluding transactions. He has a doctorate in transport economics from the University of California, Berkeley.



#### Denis Jean-Jacques Jordy

Lead Disaster Risk Management Specialist, GFDRR

Denis Jordy is Lead Disaster Risk Management Specialist and leads the GFDRR's Small Islands States Resilience Initiative. He has more than 20 years of experience in disaster and climate resilience, environment, and water management. From 2013 to 2017, he was based at the World Bank Office in Sydney and coordinated the Disaster Risk Management, Climate Change Adaptation and Environment portfolio in the Pacific Region. He was previously based in Washington DC, USA and

Dakar, Senegal and has a multi-region experience in Africa, Asia, Middle East and North Africa, Latin America, France and USA. Denis joined the World Bank in 2004 and has been working on a wide range of projects and knowledge products related to urban flood risk reduction, coastal zone management, climate change adaptation, disaster risk management, post disaster needs assessments, environmental management and pollution control.

#### External



#### Biljana Abolmasov

PhD Geotechnical Engineering, University of Belgrade, Faculty of Mining and Geology Biljana Abolmasov is the Associate Professor of Faculty of Mining and Geology, with more than 26 years lecturing experience at the Department of Geotechnics and leaded Centre for Geological hazards and Risk. She has wide international scientific research and experience in landslide hazard and risk assessment and management, engineering geological modelling and geotechnical engineering. She has been part of several eminent international research projects across the Western

Balkan Countries, as well as visiting professor. As a UNDP expert, she participated in RNA Team after 2014 disaster in Serbia. Biljana is an expert in trial geotechnical slope stability assessment and new approaches to landslide hazard and risk assessment and management. She is currently the Deputy Team Leader on the WB funded Mainstreaming Climate Resilience in the Road Transport Management in Serbia project, leading all local activities. Other recent assignments have included Landslide Risk assessment and Management in Post-Disaster Risk Management Serbia and in Bosnia and Herzegovina. The most recent assignments have included application on new Terrestrial Laser Scanner (TLS) and UAV technologies for slope stability assessment and analysis on Corridor X (E-75) in Serbia.



#### Frank van Steenbergen

Dr Frank van Steenbergen is working with MetaMeta (<u>www.metameta.nl</u>), a social enterprise working on improved resource management. He is also the convenor of the Road for Water Alliance (<u>www.roadsforwater.org</u>), that aims at making roads instruments of water management and climate resilience and that is active in ten countries now. Frank has thirty years of experience primarily in Asia and Africa, working at policy level as well as field operational level.



#### lan Greenwood

With over twenty-five years' experience Dr. Ian Greenwood is an internationally recognised leader in the field of infrastructure asset management and performance based contracting. Ian has worked in 23 countries – covering both developed and developing nations, with projects covering the full spectrum of public infrastructure. In 2016 the Institute of Asset Management (UK) presented Ian with the Individual Achievement Award for asset management for his contribution to the industry. Ian was

the lead author of the World Bank guidance on implementing performance based contracts in the road sector, and was co-author of the 2017 World Bank publication "Integrating Climate Change into Road Asset Management". Ian has guided many AM implementations and was one of the two New Zealand industry representatives for the development of the ISO55000 standard on asset management, along with co-authoring the 2011 International Infrastructure Management Manual. Ian was the Chairman of the Business New Zealand Transport Infrastructure Group from 2011-2013 and a member of the New Zealand government task force on road maintenance.



#### lrena Georgievska

Regional Manager: Europe, Central Asia and the Middle East, IMC Worldwide Irena Georgievska is an economist with over 17 years of experience in international development aimed at successful delivery of sustainable technical assistance in the field of Economics in a variety of countries, mainly covering Governance and Institutional Development, road safety, infrastructure, customs and private sector development. She is currently the Regional Manager for Eastern and

Central Europe & MENA at IMC Worldwide, and has the QA overview role of the Serbia Mainstreaming Climate Resilience in the Road Sector project, but also is a Project Manager of the EBRD and WB project in the region. She spent eleven years working with Crown Agents in various consultancy, project management and business development roles. More recently she worked as a consultant for the EC funded project in Customs Administration of the R.Macedonia, then as an Economic Adviser for the Macedonian Government to attract FDI to Macedonia. Irena was the head of FDI office for the Macedonian Agency for Foreign Direct Investments and Export Promotion Agency in Canada. Her technical expertise ranges from economic analysis, research, private sector development, project management, communications, promotional event organisation, stakeholder analysis, organisational analysis, strategy development, and training. Irena has worked in Macedonia, Canada, Japan, United Kingdom, Kosovo, Serbia, Bulgaria and Ethiopia, and fluently speaks English, Macedonian and the regional languages as well as a basic working level of Spanish and Indonesian.



#### James Reeves

Senior Technical Director, IMC Worldwide

James Reeves is IMC's Senior Technical Director responsible for the firm's Economics and Finance team. He is a transport economist with 28 years' experience, working in all regions of the world. He has wide experience in the planning and appraisal of investment schemes across all modes of transport. James has worked extensively in small and island states. He is an expert user of HDM4 and

RED and has wide experience in the development of bespoke appraisal frameworks. Most recently, James has been involved in a number of climate change adaptation projects, including the development of transport plans for vulnerable countries, the appraisal of specific climate change related interventions, and the development of processes and guidelines for the inclusion of resilience within asset management systems. James is the economist on ongoing World Bank funded work to mainstream climate resilience within road network management in Serbia. He is also working on 2 projects in the Caribbean, development of guidelines for the inclusion of climate resilience in road asset management across the Caribbean, and the appraisal of climate change interventions on a major road in Dominica. James has been involved in the development of road sector financing mechanisms in a number of countries, as well as the development of road maintenance and asset management systems.



#### Maria Sunyer Pina

Climate Change Adaptation Consultant, Arup

Dr Maria Sunyer Pina is a climate change adaptation consultant based in Arup's Advanced Technology and Research (AT&R) team. Her area of expertise is the assessment of climate change impacts and the development of climate change adaptation measures. Maria has experience in climate change impact, risk, resilience and adaptation work for infrastructure and building projects.

Maria has strong analytical skills as well as experience in statistical analysis, uncertainty quantification and handling of large amounts of data. She has published numerous journal articles on the impact of climate on infrastructure including the following: Inter-comparison of statistical downscaling methods for projection of extreme precipitation in Europe, Hydrology and Earth System Sciences Discussion; A Bayesian approach for uncertainty quantification of extreme precipitation projections including climate model interdependency and non-stationary bias, Journal of Climate; Comparison of different statistical downscaling methods to estimate changes in hourly extreme precipitation using RCM projections from ENSEMBLES, International Journal of Climatology.



#### Savina Carluccio

Chartered Civil Engineer, Arup

Savina Carluccio has over 15 years of experience in infrastructure advisory roles for major highway projects. A Chartered Civil Engineer with a geotechnical engineering background, she specializes in providing technical advice on asset management, resilience to extreme weather and climate change and transport innovation for highway owners. She is the author of the resilience of urban rail projects to climate change and natural hazards chapter of the forthcoming World Bank publication Urban Rail Design Guidebook. She is also working on assessing the resilience of the geotechnical assets on Highways England's Strategic Road Network to severe weather events. The task will deliver vulnerability framework with the aim to categorize assets and recommend risk-based prioritization of interventions pre- and post-weather event. Her wide breadth of skills and experience also include design, technical management of multidisciplinary teams and delivery of delivery of large infrastructure projects. These have included an 85-km long motorway widening scheme, part of which was procured using Early Contractor Involvement, a DFBO project in Northern Ireland, a fast track PPP project for a new toll motorway in Canada and Crossrail.



#### Yana Waldman

#### Senior Consultant, Arup

Yana Waldman is a Senior Consultant in Arup's Transaction Advice team. She specializes in resilience strategies and financing for large scale infrastructure projects, government organizations and corporations. Her expertise spans multi hazard threat and vulnerability assessment, resilience planning,

risk mitigation engineering, business continuity management and portfolio analysis. She is currently working to develop more interactive evaluation tooling in the resilience space. Yana is the project manager for development of a multi hazard mitigation plan for the Bay Area Rapid Transit commuter rail system. BART's electrically powered rail system is comprised of 167 km of double track and 44 passenger stations throughout the San Francisco Bay Area. The project includes threat and vulnerability assessment of critical system assets to seismic, SLR, flood and fire hazard for state level operational clearances. Yana led the development of applicable mitigation strategies to improve system wide sustainability, decrease critical vulnerability points and reduce service downtime exposure.



#### **Yannis Fourniadis**

Chartered Geologist and Specialist, UK Register of Ground Engineering Professional Yannis is a Chartered Geologist and Specialist with the UK Register of Ground Engineering Professionals (RoGEP) with over ten years of experience in identifying and mitigating ground risks for major infrastructure and building projects worldwide. Yannis brings extensive experience in geohazard risk

assessment, where he has been responsible for the delivery of complex multidisciplinary projects on the impact of climate change to natural hazards (flooding, landslides) in Tajikistan, and a country-wide seismic risk management study for the Kyrgyz Republic. He was project manager for a project to investigate the impact of climate change on the rate at which glaciers are melting in the Pamir Mountains of Tajikistan. Yannis coordinated a multidisciplinary team comprising Arup geologists and structural engineers, with experts in glaciology and mountain region hydrology from the University of Zurich, to undertake a state-of-the-art study of the rate at which the glaciers are changing, and the potential impact of climate change and associated flooding on buildings and infrastructure downstream. With a background in engineering geology and geotechnics, Yannis has also provided advice on every stage of the investigation, design and construction supervision of geotechnical works (e.g. retaining walls, embankments, piled foundations, ground improvement). Yannis has worked in in the UK, Europe, Central Asia, North Africa and the Middle East.

#### Albania



#### Ervin Dervishi

Road Safety Expert, Police Road Department, Ministry of Interior

Mr. Dervshi holds an MPA degree from the University of Tirana University, Faculty of Economy. He has University degree on Law from the "Kristal" University as well as University degree on Safety Engineer from the Police Academy University in Ankara, Turkey. He has a good experience working in Organizing, directing and controlling all departmental resources to ensure public order and security, enabling the physical security and inviolability of citizens' property. Traffic Management,

administration of personnel, prevention of accidents etc. His professional carrier includes different position as Chief of Police Traffic in different cities of Albania. Mr. Dervishi is fluent in English, Italian and Turkish.

#### Jing Xiong

Senior Transport Specialist, Transport and ICT Global Practice, World Bank



#### Yuka Makino

Senior NRM Specialist and DRM Officer, GSURR, World Bank Yuka Makino has more than 23 years of operational experience in managing and developing programs in geohazard risk management, natural resources management, land management, DRM,

and climate change adaptation. She has extensive experience in East Asia, South Asia, and Africa and has held field postings in Bangladesh, Cambodia, Japan, and Nepal. Prior to joining the World

Bank in 2001, Yuka was a United Nations Development Programme (UNDP) program officer in Cambodia, and a Japan International Cooperation Agency (JICA) expert on community-based disaster management in Nepal. Yuka has an undergraduate degree from International Christian University in Japan as well as a master's and doctoral degrees in terrestrial ecosystem management from the University of Michigan, Ann Arbor. In addition to her professional experience in South Asia, she spent 14 years of her youth in the Garhwal Himalayas in India and is fluent in Hindi.



#### Zana Joca (Guzja)

Expert of IPA Projects Preparation and Feasibility, Ministry of Infrastructure and Energy of the Republic of Albania

Mrs. Zana Joca (Guzja) is Expert of IPA Projects Preparation and Feasibility, Directorate of Conception and Feasibility of Infrastructure and Territorial Projects, at the Ministry of Infrastructure and Energy of the Republic of Albania. She holds a bachelor degree from the University of Tirana and a Master's degree in Business Administration. Mrs. Joca has previously served as Expert of European Integration

and Approximation of Legislation, European Integration Directory, General Directorate of Integration, in the former Ministry of Transport and Infrastructure. In this function, she has dealt with issues related to the "acquis communautaire" and the implementation of the Stabilization and Association Agreement. In addition, from 2007 she serves as SEETO National Coordinator for Albania and has coordinated the transport issues under the Connectivity Agenda, in the framework of the Berlin Process. From 2007, she is a Certified Trainer of the Albanian School of Public Administration (ASPA) for the issues of European Integration, Regional Cooperation and the management of IPA Funds.

#### Bangladesh



#### Dewan Abdus Sabur

Senior Assistant Engineer, Local Government Engineering Department

Dewan Abdus Sabur is a Senior Assistant Engineer at Second Rural Transport Improvement Project under Local Government Engineering Department(LGED). He has been with LGED for about 12 years with a total experience more than 17 years. His key responsibilities are to assist the project director in implementing Road Safety activities and Performance Based Maintenance Contract(PBMC) as a

focal person under the project as well as other construction works. He has a B.Sc in Civil Engineering from Rajshahi

University of Engineering & Technology, Bangladesh and M.Sc. in Transportation Engineering from Saitama University, Japan. He is interested in Transport Safety and Engineering.



#### Diep Nguyen-van Houtte

Lead Transport Specialist, Transport and ICT Global Practice, World Bank (Bangladesh, Egypt, India TTL) Mrs. Diep Nguyen-van Houtte is a Lead Transport Specialist for the World Bank's Transport and ICT

Global Practice. She has worked on more than 20 countries in Europe and Central Asia, East Asia, South Asia, Africa, Middle East and North Africa, and North America. Her educational background is in economics, public policy and organizational/business management. Her work at the World Bank

has focused on multimodal transport including road, railway and inland waterway connectivity, national and regional integration, spatial development and transport and trade facilitation. She is accompanying teams from Egypt, Bangladesh, India and Nepal on this knowledge exchange.



#### Dung Anh Hoang

Senior Transport Specialist, Hanoi, Vietnam, World Bank

Dung Anh Hoang is a Senior Transport Specialist based in Hanoi, Vietnam. He is an Engineer by training and has been with the Bank for 15 years. Previously he was an Associate Professor at the National University of Civil Engineering and worked extensively with the Ministry of Transport in Vietnam. He has

been the Task Team Leader for a number of projects in multi-modal transport and logistics, expressway, pilot PPP for highways, and inland waterways. He is currently the technical lead working on climate-resilient solutions for rehabilitation of disaster-affected roads and bridges in Bank-financed projects in Myanmar, Bangladesh, India and Vietnam.



#### Erik Nora

Sr. Operations Officer, Transport and ICT Global Practice, World Bank Erik Nora is a Sr. Operations Officer in the World Bank's Transport and ICT Global Practice (GP), South Asia. Erik, a Norwegian national, joined the World Bank in 2003 in the External Affairs Department. Prior to joining the Transport Practice, he worked for 5 years in the South Asia Regional Integration Unit,

focusing on trade and transport connectivity. He is currently the task team leader (TTL) for the Bangladesh Regional Connectivity project, co-TTL for the Bangladesh Regional Waterways Project and Regional Road Safety study, and Program Manager for the South Asia Regional Integration Trust Fund.



#### Md. Hasan Ali

Superintending Engineer, Bangladesh Land Port Authority, Ministry of Shipping Mr. Md. Hasan Ali is serving in Bangladesh Land Port Authority (BLPA) under Ministry of Shipping (MoS), Bangladesh as Superintending Engineer. He joined this organization on 22 November 2004. Mr Ali is a graduate in Civil Engineering from Khulna University of Engineering and Technology (KUET), Bangladesh. He has recently been deputed in the Project titled "Bangladesh Regional Connectivity

Project 1" funded by World Bank and executed by BLPA as Deputy Project Director. The main responsibility is to look after the engineering and managerial works in the project. Before this, he worked in World Bank, Asian Development Bank and Government funded projects in Bangladesh Land Port Authority under Ministry of Shipping.



#### Shamsul Alam Mazumder

Executive Engineer, Bangladesh Inland Water Transport Authority (BIWTA) Mr. Shamsul Alam Mazumder is serving in Bangladesh Inland Water Transport Authority (BIWTA) under Ministry of Shipping (MoS), Bangladesh as Executive Engineer. He joined this organization on 12 July 2010. Mr Mazumder is a graduate Civil Engineer of Shahjalal University of Science and Technology, Bangladesh. He has recently been deputed in the Project titled "Bangladesh Regional Waterway

Transport Project 1" funded by World Bank and executed by BIWTA as Executive Engineer. The main responsibility in

this project is to coordinate with the Consultants and other Stakeholders to prepare the River Port, Terminal, Landing Station and other related civil engineering drawing and design. Before this, he worked in Planning and Design Division of Bangladesh Inland Water Transport Authority.



#### Syed Abdur Rahim

Executive Engineer, Local Government Engineering Department

Syed Abdur Rahim has 25 years of working experience in different positions of civil engineering profession includes Executive Engineer (Maintenance), Deputy Director, Project Manager, Quality Control Engineer, Maintenance Specialist, Material Engineer, Senior Assistant Engineer, Upazila Engineer (Civil) in

rural infrastructure development activities of Bangladesh and Afghanistan. With Local Government Engineering Department (LGED) he acted as Project Manager in planning, implementing, supervising and monitoring physical infrastructure of industrial park at Nangarhar (Jalalabad) province in Afghanistan. He started his career as Upazila Engineer and focused mainly on office administration and construction management related activities. He also has experience in planning and monitoring of physical infrastructure improvement and services of urban areas in Bangladesh. He has also contributed to capacity development related activities through preparation of training methodology, modules, material and acted as resource person in different training programs related to road asset management.

#### DRC

#### Billy Tshibambe Nyembu

Head of Division, Road Infrastructure, Ministry of Transport



#### Sylvie Debomy

Lead Urban Specialist, Africa Region, World Bank

Sylvie Debomy is a Lead Urban Development Specialist in the AF region with a main focus on supporting teams and complex operations and analytical work on inclusive and resilient cities, including housing and slum upgrading, resilient urban infrastructure, service delivery in fragile and conflict environment, in a variety of countries including several fragile states. She is currently leading the preparation of complex such as the Kinshasa Integrated Urban Development Project. Prior to this

assignment in AFR, she served as a Sr Urban Specialist in the LAC where she led a number of Operation on how to better address diverse dimensions of urban vulnerability in a number of Countries but particular in the framework or the housing neighborhood reconstruction in Haiti. She joined the World Bank in 1998 through the Water and Sanitation Program in Africa.

#### Egypt



#### Abdelazim Mohamed Ali Mohamed

Chairman, River Transport Authority, Ministry of Transport, Cairo, Egypt

Dr. Abdelazim Mohamed Ali Mohamed was appointed as Chairman of the River Transport Authority in October 2017. Dr. Abdelazim has broad experience, covering different aspects of hydraulic engineering, gained during his 27 years of practice. His main experience has been achieved in the fields of irrigation and hydraulic structures, designing canals and physical modeling. He also attained vast experience in the field of Coastal Engineering in both physical and mathematical modeling. This

experience was gained through his involvement in studies conducted about the stability of breakwaters, wave agitation inside harbors, shoreline changes, field measurements, power plants cooling systems, and different coastal problems along the Egyptian coast.

#### India



#### Arnab Bandyopadhyay

Lead Transport Specialist, Transport & ICT Global Practice, World Bank

Arnab Bandyopadhay works as the Lead Transport Specialist with the Transport & ICT Global Practice in the World Bank and is based in New Delhi office. A Civil Engineer by education with a specialization in Construction Management, Arnab has worked with consulting firms in a wide-ranging highway design and construction projects in South Asia, East Asia and East Africa before joining the Bank in 2001. Arnab has several publications on Construction Industry, Water Transport, Institutional

Development and Road Safety to his credit and a regular speaker in national and international forums.



#### Ms Vansangpuii

Sr. Assistant Engineer, Public Works Department, Govt of Mizoram

Ms Vansangpuii is Sr. Assistant Engineer in Govt of Mizoram, Public Works Department has worked in PWD for the last 21 years in Design & Research Cell, Quality Monitoring Division, Building Projects Division and Project Implementation Unit of EAP. During this service, have worked as one of the three State Quality Monitor of all the 1st phase of PMGSY road works implemented by Mizoram PWD. Was

the one of the team, Geotechnical investigation in-charge, to successfully stabilized the slope on the main road entering Aizawl, Mizoram capital.



#### Shri Akhtarul Hanif

Deputy Secretary & Deputy Financial Adviser, Ministry of Road Transport & Highways Akhtarul Hanif, M.Sc & LLM, currently working as Deputy Secretary & Deputy Financial Adviser, Ministry of Road Transport & Highways and is associated with World Bank Programme of the Ministry and has also worked as Undersecretary in the office of Finance Minister, Director (Vigilance, Personal and Transport) New Delhi Municipal Council (NDMC), Under Secretary Department of Revenue, Deputy Director (Finance and Confidential) Doordarshan, Assistant Registrar Debt Recovery Tribunal (DRT)

Delhi, Assistant Assessor and Collector Municipal Corporation Delhi (MCD), Assistant Haj Officer Makka and Madina. He is also Guest Faculty on Vigilance/Finance matters to various institutes/organisations. He has visited countries like Saudi Arabia, Thailand, Malaysia, Singapore, Slovenia, Italy, Austria, Germany, Belgium, France and Switzerland. He has written a short stories book in Hindi "Smritian". He has also attended various national/International training programmes.

#### Shri Vinay Kumar Bansal

General Manager (Technical), PIU Moradabad

#### Mongolia



#### Davaasuren Janchivdorj

Head of Policy Regulation Division, CCRDA, Ulaanbaatar, Mongolia

Davaasuren Janchivdorj leads the Policy Regulation Division of the Capital City Road Development Department (CCRDA), an implementing agency under the Governor of Ulaanbaatar. He is managing road design and development, including annual road construction and maintenance planning for Ulaanbaatar. Before joining the CCRDA, he worked as road and transportation officer at the Urban Development Division at the Office of the Capital City Governor of Ulaanbaatar. He has also worked

for Chinggis Land Development Co., Itd where he managed the planning and design of 1000 km highway from Altanbulag port to Zamiin-Uud port in Mongolia. He holds a Master Degree in Civil engineering from Harkov Highway University of Harkov, Ukraine.



#### Gerelnyam Daramragchaa

Senior Officer, Policy & Planning Department of Ministry of Roads & Transport Development Ms. Gerelnyam Daramragchaa is a Senior Officer of Policy & Planning Department of Ministry of Roads & Transport Development of Mongolia. She is responsible for strategic policy and investment in the road sector in Mongolia. Before joining the ministry, she worked as researcher in the Fourth Asphalt Plant project "Kapotnya-4" in Moscow, and taught in Mongolian Technical University. She holds a M.S. degree in engineering from Kharkov Automobile and Highways Construction Institute, Ukrain, and

Ph.D. from Moscow State Automobile and Road Construction Institute.



#### Yang Chen

Urban Transport Specialist, Transport & ICT Global Practice, World Bank

Ms. Yang Chen is an urban transport specialist in the Transport & ICT Global Practice of the World Bank. She has been working on various urban transport projects in China, Mongolia, Vietnam, and Latin America. Yang is interested in urban transport policies and planning, green transport, and smart cities.

Before joining the World Bank, she worked for Precourt Energy Efficiency Center at Stanford University, the International Council on Clean Transportation, Grütter Consulting Grütter Consulting, as well as Beijing Turenscape Design Institute. She holds a B.S. in Urban Planning from Peking University, Master in City Planning from University of Pennsylvania, and Ph.D. in Urban Transportation from Massachusetts Institute of Technology.

#### Montenegro



#### Ana Simecki

Transport Industry Specialist, World Bank

Ana Simecki is a Transport Industry Specialist with 10 years of international experience. She is currently engaged as a Short-Term Consultant (STC) for the World Bank Group on a following projects: 'Trade and Transport facilitation in the Western Balkans'; 'Strengthening the Integration of Disaster Risk Management and Climate Resilience in Road transport to improve Trade and competitiveness in the Western Balkans Region'; 'Strengthening Sector Performance for Rail Transport Services in Vietnam'.

Before joining the World Bank Group, she worked as a Manager in Italian PwC Capital Projects & Economics group; in the European Commission (DG NEAR) as a Transport Sector Expert; and in a SEETO Regional Organization, where she led a team for strategic planning of transport infrastructure in the Western Balkans. She holds a Master Degree in Transportation Engineering of the Faculty of Transport and Traffic Sciences, University of Zagreb, where she also obtained a PhD in technical science.



#### Angelina Zivkovic

State Secretary, Ministry of Transport and Maritime Affairs, Montenegro

Since April 2017 was appointed by the Government of Montenegro at position of the State Secretary in the Ministry of transport and maritime affairs. Graduated by the Faculty of Civil Engineering – University of Montenegro with thesis – "Comparative Analyses of the Effective Yugoslav and European Seismic Codes on the Example of Design of the Tire Building Dual System" (2001). Master of Arts degree from the Faculty of Economy – University of Montenegro, with thesis "The Role of South East Europe

Transport Observatory (SEETO) in the Process of Transport Integration of the Western Balkans Countries (2009). Executive education program "Infrastructure in a Market Economy: Public - Private Partnerships" at the Harvard University, Boston, Massachusetts, USA, developing expertise in four key areas – choosing the appropriate publicprivate partnership model, building and maintaining political support, navigating private finance and capital markets and regulating to protect consumers' interests (2009). In the course of her professional engagement at the Ministry of Transport and Maritime Affairs, Ms. Zivkovic participated in preparation of various analyses, strategies, terms of references, studies, design-planning documents and other documents related to the scope of competence of the Ministry.



#### **Romain Pison**

Senior Transport Specialist, World Bank

Romain Pison was born in France and grew up in both France and Italy. As a French-Italian, Romain was raised between competing cheeses, cars and soccer teams. Romain studied Civil Engineering and Transport at the French Ecole Nationale des Travaux Publics de l'Etat, as well as Economics and International Management at New York University. Romain started his career at the United Nations,

where he worked on slums upgrading with UN Habitat. He then moved to the French Ministry of Transport in 2006, where he worked on road maintenance, bridge engineering and safety. He joined the international project development world in 2009, first with the Europe and Central Asia Department of the World Bank, where he was in charge of maritime transport, road safety projects, among other sectors, in more than 10 countries. He worked for the European Commission, based in Cameroon, working on transport infrastructure development, before moving back to Washington DC with the World Bank, in the East Asia and Pacific Team. Romain moved over the summer 2017 to the Vienna Office of the World Bank, where he supervises project in trade, connectivity, road safety, resilience and intelligent transport systems in the Western Balkans and Asia.

#### Nepal



#### Deepak Man Singh Shrestha

Sr. Transport Specialist, Nepal, World Bank

Deepak Shrestha is a Sr. Transport Specialist in the Nepal Country Office, World Bank and working on Bank funded projects in Nepal, India, and Bangladesh. Professionally working in the road transport sector more than 35 years as a Civil Engineer, Construction Management, and Public Procurement

expert. While working on mountainous regions has experiences in various aspects of road construction and maintenance including implementation of slope stabilization and bio-engineering works.



#### **Rohit Kumar Bisural**

Senior Divisional Engineer, Foreign Cooperation Branch, Department of Roads, Ministry of Physical Infrastructure & Transport

Presently working as Senior Divisional Engineer in Foreign Cooperation Branch, Department of Roads, Ministry of Physical Infrastructure & Transport, Nepal. Professionally working in the road transport sector more than 26 years as a Civil Engineer, Highway Engineer, Construction Management team leader,

Supervision of Road & Bridge construction works, Project Manager, Procurement manager, Coordinator of development project, Public Procurement In-charge. Has worked on Plain, Hilly and Mountainous regions all over Nepal with experiences in various aspects of road/bridge construction and maintenance problems. Has worked as Deputy Project Director, Project In-charge in ADB funded projects in Nepal.

#### Peru



#### Ana Silvia Aguilera

Senior Infrastructure Consultant, World Bank

Ana Silvia Aguilera is a Senior Infrastructure Consultant with over 10 years of experience working with the World Bank in the preparation and supporting the implementation of infrastructure projects including transport and water and sanitation. In transport her focus has been on roads and rural roads projects with territorial development approaches in Latin America. Her experience extends geographically to Africa and East Asia when she worked for two years in the Global Partnership of

Output-Based Aid (GPOBA) within the World Bank as an Infrastructure Specialist advising on the structuring and implementation on Output-Based Aid (OBA) and Results-Based Financing (RBF) projects in infrastructure sectors particularly in water and sanitation. Before her work in the World Bank she worked for over two years with the Inter-American Development Bank (IDB) in the preparation of the IDB Country strategies for the Central American and Caribbean Countries. Ana Silvia received a master's degree in Economics from the University of Alabama in the United States, and two Bachelor's degrees from Universidad Francisco Marroquin in Guatemala, one in Economics, and the other one in Business Administration and Finance.



#### Jorge Luis Maguiña Villón

Executive Director, Provias Descentralizado

Jorge Maguiña currently holds the position of Executive Director of Provias Descentralizado, entity in charge of strengthening road management in regional and local governments in Perú. He has held various positions in the public sector in Peru, in the Ministries of: Transports and Communications; Production; Housing, Construction and Sanitation; and Agricultures and Irrigation. Outside the public

sector, he worked as project official in Development Organizations, such as in Fondo Contravalor Perú-Canadá and in the Spanish Organization Ayuda en Acción. His professional field is linked to the development of rural areas and decentralized public management. He is a Peruvian national and civil engineer.



#### Nérida Aucahuasi Dongo

Manager of the Strengthening of the Decentralized Road Management Unit, Provias Descentralizado Nerida Aucahuasi currently holds the position of Manager of the Strengthening of the Decentralized Road Management Unit in Provias Descentralizado under the Ministry of Transport and Communications in Peru. She has 34 years of experience in public management at the central, regional and local level, particularly in road management with participative and inclusive

approaches; design and implementation of national programs co-financed by multilateral organizations; and design and leading of decentralization processes, and institutional strengthening of regional and local governments. She is a Peruvian national, economist graduated from Universidad Nacional Mayor de San Marcos in Peru, and with a Master's studies in Local Development and Municipal Management from the Universidad Nacional Federico Villarreal in Peru.



#### Sofia Guerrero

Senior Transport Engineer, World Bank

Sofía Guerrero Gámez works in the Transport & ICT Global Practice based in the Lima Country Office, where she provides advice on the engineering and project management dimension of transport projects in South American countries, managing a portion of the Bank's transport portfolio and contributing to analytical studies. Before joining the World Bank in 2016, she worked for 18 years at one of the world's leading infrastructure operators and construction companies, Ferrovial. Within Ferrovial,

she spent 9 years working in Madrid in underground projects such as Madrid Metro Line 8 and submerging the M-30 ring road, and then she continued her professional career in London, where she worked in the Crossrail project, among others. During this period, she collaborated closely with the Institution of Civil Engineers (ICE) in the United Kingdom and the Colegio de Caminos in Spain. She holds a master in civil engineering, as well as an MBA in the Instituto de Empresa (IE). Sofía is a chartered engineer by the ICE, and has been recognized as the Best Woman Civil Engineer in 2016 by the Women in Construction and Engineering awards, in appreciation of her contribution to the industry.

#### Serbia

**Branko Smiljanic** PE Corridors of Serbia

**Dejan Gavran** Faculty of Civil Engineering

#### **Goran Mladenovic**

Ph.D. C.E., Faculty of Civil Engineering



#### Iva Jelic

Associate for Coordination of Supervision, Corridors of Serbia

Iva Jelic has been Associate for Coordination of Supervision, Corridors of Serbia since March 2017. Prior to that, she was Associate at a patent "Rubber panel systems for level crossings" (Patent no. 50379), from 2007 to 2012, and held an internship in 2008 at the Transport Company "LASTA". Iva received her education at Faculty of Transport and Traffic Engineering, University of Belgrade,

Department: Road and Urban Traffic and Transport.



#### Marko Blagojevic

Director of the Serbian Government's Public Investment Management Office Marko Blagojevic is the Director of the Serbian Government's Public Investment Management Office. He joined the Government of Serbia in 2014, after the catastrophic floods, to become the Director of

the newly established Office for Flood Affected Areas Relief and Reconstruction. His task at the time was to set up the Office and enable smooth operation of the post-flood reconstruction process. During 2014-2015 he has overseen the transition of the mandate of this Office from the post-flood recovery and reconstruction to disaster risk management and is now involved in the set-up of the disaster risk management system.

reconstruction to disaster risk management and is now involved in the set-up of the disaster risk management system in Serbia. In December 2015, the Government of Serbia appointed him the Director of the newly established Public Investment Management Office, a successor to the Office for Flood Affected Areas Relief and Reconstruction. In this new capacity, while maintaining responsibility over the management of post-disaster reconstruction and the set-up of the disaster risk management system in Serbia, his tasks include the implementation, or the oversight of the implementation of a variety of infrastructure projects in health, education, agriculture, energy and local infrastructure sectors. In 1997, Marko has founded the Center for Free Elections and Democracy, the first Serbian watchdog organization, specializing in issues of transparency, responsiveness and accountability. In 2005, he has founded CeSID, now one of the leading polling agencies in the CEE region, specializing in public affairs research and analysis. In the capacity of CeSID's Director, he has cooperated closely with international clients such as the Council of Europe, GIZ, OSCE, USAID, UN agencies and the World Bank. Also, during 2003-2008, he was the Member of the Board of Directors of the Soros Foundation in Serbia.

#### **Milorad Karic**

PE Roads of Serbia



#### Miloš Marjanović, PhD

Assistant Professor, Faculty of Mining and Geology, University of Belgrade, Serbia Miloš started his career at the Faculty of Mining and Geology, University of Belgrade, as a research staff, cooperating on various projects dealing with the assessment of landslide hazard and risk. He graduated in Geotechnics, and a PhD in Geoinformatics. His primary field of interest is applied GIS, especially in the domain of landslide assessment, for which he perfected his knowledge and skill set for

implementing various methodological approaches (especially Machine Learning techniques) and data acquisition approaches (Remote Sensing, instrumental monitoring, statistical processing). He did his postdoc at TUM to finalize his specialization in landslide hazard mapping. Currently works at the Department of Geotechnics at the Faculty of Mining and Geology, University of Belgrade as an Assistant Professor. Miloš published more than 60 articles, chapters and abstracts, some of which are in prestigious journals in his field and highly cited. His operative practice is also sizable, as he took parts in several UNDP, WB, national and other independent projects concerning landslide monitoring, predicting, hazard and risk assessment, as well as purely geotechnical projects.



#### Miodrag Poledica,

State Secretary, Ministry of Construction, Transport and Infrastructure He finished elementary and secondary school in Belgrade. Graduated at the Faculty of Transport and Traffic Engineering at the University of Belgrade in 1995. He completed specialist studies in "Management of Public Administration" at the Faculty of Organizational Sciences in Belgrade. He was appointed as a State Secretary in the Ministry of Construction, Transport and Infrastructure in April 2014 and previously, he was at the same position at the Ministry of Transport form the 2012. From 2003 to

2012, he was the Head of the Rail and Intermodal Transport Department at the same Ministry. Chairperson for EU negotiating chapters: 14-Transport Policy and 21-Trans-European Networks.

#### Nebojsa Bojovic

Faculty of Transport and Traffic Engineering



#### Petar Krasic

Department for Road Transport, Roads and Road Safety, Ministry of Construction, Transport and Infrastructure

Petar has been working in the Ministry for more than four years on various fields of road safety, roads and Intelligent Transport Systems, particularly on development of strategic frameworks, studies, legislation and other technical documents, international cooperation in scope of European Union

integration process in the transport field, and other. He holds Master's and Bachelor's degree in Traffic Engineering, both obtained at the University of Novi Sad in Serbia. Back in 2009, he was awarded with the third best place for project in road safety by the European Transport Safety Council. He is member of the European Fund for the Balkans Alumni network. Petar lives in Belgrade, Serbia.



#### Predrag Marić

Assistant Minister of Interior and Head of Sector for Emergency Management He graduated in 1990. at Faculty of Law, University of Belgrade, where he also completed Advanced Expert Studies in the field of "Terorism, organized crime and corruption". He completed his Master's Degree in "Terrorism, organized crime and security" on University of Belgrade "Specifics of managing emergency situations arising as a consequence of acts of terrorism". Since 17. May 2007. is Assistant Minister of Interior and Head of Sector for Emergency Management.

#### Ranka Stankovic



Associate Professor, University of Belgrade, Faculty of Mining and Geology

Ranka Stankovic' is associate professor at University of Belgrade, Faculty of Mining and Geology, where she is teaching several courses related to informatics and geoinformatics. Her field of research is interested in semantic web, information systems, geodatabase modelling, geoinformation management, e-learning, open education and artificial intelligence. She is head of Computer Centre for the Mining department, Chairman of Technical comity A037 Terminology in Institute for Standardisation of Serbia and vice president of Language Resources and Technologies Society

(JERTEH). She published more than 100 papers in journals and proceedings of scientific conferences, participated in several international and national projects.



#### Slavko Mladenovic

MSc in Forestry Area, University of Belgrade, Faculty of Forestry Born in Kraljevo, Republic of Serbia, 1970. Since 2010. employed in Ministry of Interior as an Inspector for coordination of risk management of accidents and other crashes in Risk Assessment Department In Sector for Emergency Management Mol. Before, employed in Ministry responsible for environmental protection, as inspector for environmental protection. Education and seminars in the area of emergency situations management and member of many expert working groups and special

commissions.



#### Slobodan Basuric

Public Enterprise "Roads of Serbia", Belgrade Department for Road Maintenance and Preservation Slobodan Basuric is coming from the Republic of Serbia, from Public Enterprise "Roads of Serbia" – Sector for maintenance and preservation for national road network. For the last five years he has been working as Head of the Belgrade Department for road maintenance and preservation on next jobs: Maintenance of 4000km of national road network in Belgrade Department 50 mil euros per year,

participated Resilient Transport Technical Knowledge Exchange (TKX), worked on the draft of the new Law on Public Roads, Economic Plan – Maintenance of 4000km in Belgrade Department, Project Manager for performance-based maintenance of category I and II state roads in the Republic of Serbia on 3000km on south of Serbia, Disaster Risk Management: Assessment of damages and economic losses in the roads sector [Serbia Floods 2014], IPA 2012 – 48 landslides and 15 bridges 10 mil euros, IPA 2014 – Procurement of 18 road weather stations 600.000 euros, The Office for Reconstruction and Flood Relief – 12 landslide and 6km of road. 5.8mil euros. The floods of 2014 affected most of the territory of the Belgrade department so that he was in charge of the repair of damage. Before 2013 he was working in Highway Institute of Belgrade like Project Manager for Pilot Project on Macva and Kolubara district for maintenance of 1350km of national road network. He was supervisor on several repair landslides, rehabilitation and reconstruction of roads etc. He was also an environmental expert. He is Engineer for civil works obtained at the Civil University of Belgrade in Serbia.



#### Svetozar Milenkovic

Geotechnics, Landslide rehabilitation, The Highway Institute

Svetozar is a Chartered Geotechnical Engineer currently heading Geotechnical Department at the Highway Institute with nearly twenty years specialised experience in landslide related phenomena on motorways, major highways, bridge, tunnel and other infrastructure projects in Western Balkan countries. He started his career as a teaching assistant at Belgrade University before joining the

Highway Institute. From 2013-2014 he was involved in the WB and EBRD financed project of Corridor 10 in Serbia as a Geotechnical Consultant. He was also a team leader in the preparation of landslide database on Serbian road network with emphasise on hazard and risk assessment. Besides his activities as practitioner, he did not neglect his passion for scientific work. He is author or co-author of more than 50 professional and scientific papers published in the country and abroad within the fields of geotechnics and engineering geology, with the accent on planning, design, construction, and repair of all types of road structures. He has MSc Geotechnical Engineering, Belgrade University (1998) and a Member of the Serbian Chamber of Engineers, Member of the International Society for Rock Mechanics (ISRM), Member of International association of Engineering Geology (IAEG).

#### Western Balkans



#### Nerejda Hoxha

Transport Planning Manager, South East Europe Transport Observatory SEETO Nerejda Hoxha joined SEETO Secretariat, based in Belgrade, in 2015 in the position of Transport Planning Manager. She oversees the development of TEN-T Networks in the Western Balkans, in terms of implementation of transport policies, connectivity reform measures and transport investments programs by fostering a regional approach to transport systems in the region. She started her

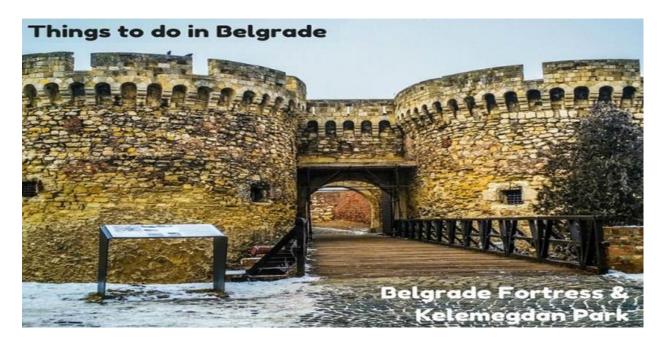
professional carrier as Project Manager for EU funded projects at Albanian General Road Authority to progress further in several positions as part of EU Technical Assistances team to Ministry of Transport in Albania and for four years as Transport Director at Municipality of Tirana. She has more than 20 years' experience in the field of transport and transport planning. She is equipped with deep and up-to-date knowledge on transport policies, institutional development and project management, transport resilience, intelligence transport both on the national and regional level. After the graduation from the University of Tirana, Faculty of Civil Engineering, she had pursued further her academic qualification by obtaining Master in Engineering (MEng) degree from IHE/TU Delft, The Netherlands, in Roads and Transport Planning, and Master in Science (MSc) degree from Oxford Brookes University, United Kingdom, in Transport Planning Management.

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# **Useful Phrases**

How are you? hello	Kako Si/Zdravo
Good, thank you and you?	Dobro, hvala, a ti?
What is your name?	Kako se zoves?
My name is	Zovem se
Do you speak English?	Da li pricas engleski?
I speak a little bit of Serbian	Ja govorim malo srpskog
I don't understand Serbian	Ja ne razumem srpski
How much is it?	Koliko kosta?
Where is?	Gde se nalazi?
What time is it?	Koliko je sati?
Goodbye	Dovidenja
Good morning	Dubro Jutro
Good afternoon	Dobar Dan
Good night	Dobro vece
Thank you	Hvala
Please	Molim
Sorry	Izvini/Izvinite
Yes	Da
No	Ne
Today	Danas
Shop, Grocery, Department store	Prodavnica, Bakalnica, Robna kuca
No problem	Nema problema
I don't understand	Ne razumem
Please give me	Dajte mi
Beer	Pivo
White wine (dry)	Belo vino (suvo)
Red wine	Crno vino
Plum brandy	Slivovica
Grape brandy	Lozovaca
Cognac	Konjak
Lemon juice, Orange juice	Limunada, Sok od pomorandze
Tomato juice	Sok od paradajza
Strawberry juice, Blackberry, Apricot, Peach, Apple	Sok od jagode, kupine, kajsije, breskve, jabuke
Turkish coffee	Turska kafa
Espresso	Espreso
Ice cream, Cookie, Cake	Sladoled, Kolac,Torta
Pancakes	Palacinke
Sugar	Secer

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# Sight-Seeing and Shopping

Belgrade has a lot to offer in both the city center and surrounding areas. Combining a walking tour and a panoramic car tour, you will get a taste of the entire city and the bigger picture of life in Belgrade. Zemun, Museum of Yugoslav History and House of Flowers (the resting place of Josip Broz Tito), Avala mountain and Avala Tower, plus a complete sightseeing tour of the city (New Belgrade, Saint Sava Temple, Old and New Royal Palaces, Serbian



Parliament, monument to Nikola Tesla, Republic Square, Kalemegdan Fortress, Museum of Modern Art and much more...)



#### **Church of Saint Sava**

Monumental Byzantine-revival church. 20th-century church featuring imposing, Byzantine-inspired architecture and a 70-m. central dome.

Zveleni market—fruits and vegetables





**USCE shopping center.** It is very big and comfortable; there are plenty of coffee spots where you can relax and have a break. There are many brands: famous, anonymous, expensive or cheaper.

Pedestrian street **Knez Mihajlova** and shops around are also good for shopping.

# **Useful Information**

## Restaurants some recommendations

## http://www.homa.rs/

There is a string of restaurants by the Sava river, called Beton Hala (Concrete Hall), and is located in 2-4 "Karadjordjeva"Street, in the proximity of Savamala. It is near the Belgrade Port, at the Sava river. Beton hala represents a must visit "hotspot" in Belgrade and contains a few trendy restaurants:

# http://stillinbelgrade.com/guide-to-beton-hala/

There is also Ambar (Eastern European) on the Sava waterfront – and all around it there are many more restaurants on the water, like Toro Latin Gastrobar – rated in the top 5 restaurants in Belgrade, but also reasonably priced. This area gets very lively on the weekends and it is quite a nice place to go.

## http://restorandvoriste.rs/

Skadarlija is bohemian street with many restaurants and bars as well.

## Night life:

In Belgrade, every night is Friday night. Everyone is ready to party at all the time, dance the night away, and go straight to work the next day. It's really hard to resist the temptation when you know that on any given evening there are countless clubs out there full of young people having so much fun.

## Clubs and bars:

## https://belgradeatnight.com/clubs/

Whether you want to taste the traditional Serbian drink rakija, relax with a glass of wine or try local beer, Belgrade is where you find it all. Try the best cocktails in town, soak up the sun in a tranquil garden, share a bottle overlooking the river or explore an old workshop converted into a bar. Check the link to the 10 best bars in the Serbian capital.

https://theculturetrip.com/europe/serbia/articles/the-10-best-bars-in-belgrade/

Belgrade's Old Town is a picturesque area, situated around the city's symbolic Kalemegdan Fortress. Enjoy the rich history of the area and observe how old and modern interact. Here you can taste meat and fish specialities of Serbian, Italian, Lebanese and Asian cuisine.

Skadarlija

Tri Sisira (three hats) that has very good Serbian food

# https://theculturetrip.com/europe/serbia/articles/the-10-best-restaurants-in-belgrade-oldtown/

Mezestoran Dvoriste (Greek/Mediterranean). It is a bit difficult to find (you have to go through a building's empty hallway, then down some stairs and around a corner) but it is worth it!

# **Useful Information**

## **IMPORTANT TELEPHONE NUMBERS**

Police – 192 Fire-fighters – 193 Ambulance – 194 AMSS road assistance – 1987 WB Organizer: Nadia Islam – 1-804-292-9849 (US mobile); <u>nislam@worldbank.org</u>

### **GENERAL INFORMATION**

### International Calls

Incoming: + 381 + number Outgoing: + country code + area code + number

# Weather

https://www.accuweather.com/en/rs/belgrade/298198/weather-forecast/298198?lang=en-us

# Currency

The official tender in Serbia is dinar, abbreviated RSD. Money may be exchanged in all banks and post offices, as well as in authorized exchange offices, which you can find all around the city. The current exchange rate may be checked on the website of the <u>National Bank of Serbia</u>.

# Info about Belgrade

http://www.tob.rs/ https://www.facebook.com/visit.belgrade http://www.beograd.rs/en/discover-belgrade/

# To do in Belgrade

http://www.tob.rs/what-to-see/attractions https://www.tripadvisor.com/Attraction\_Products-g294472-Belgrade.html https://www.lonelyplanet.com/serbia/belgrade

## Eat in Belgrade

https://www.tripadvisor.com/Restaurants-g294472-Belgrade.html https://www.lonelyplanet.com/serbia/belgrade/restaurants/a/poi-eat/360674







