

Fifth Green Growth Knowledge Platform Annual Conference Sustainable Infrastructure

Preliminary Program
 27-28 November 2017
 Washington DC

Monday 27 November 2017	
09:00 – 09:15	Welcome and Opening Remarks Marianne Fay, World Bank Orestes Anastasia, GGGI Kumi Kitamori, OECD Steven Stone, UN Environment (TBC)
09:15 – 10:00	Keynote <i>Efficiency and Distributional Implications of Large-Scale Renewable Policies</i> Mar Reguant, Northwestern University
10:00 – 11:00	Plenary – Energy <i>Investment Portfolios for Deep Transformation Scenarios</i> Keywan Riahi, International Institute for Applied Systems Analysis <i>Charting the Diffusion of Power Sector Reform in the Developing World</i> Vivien Foster, Energy and Extractives Global Practice, World Bank
11:00 – 11:30	Coffee Break
11:30 – 13:00	Parallel Sessions A A1 – Transport and Low Carbon Pathways <i>The Transportation Sector as a Lever for Reducing Long-term Mitigation Costs in China</i> Meriam Hamdi-Cherif, International Research Center on Environment and Development (CIRED) <i>Sustainable Transport through Provision of Electric Vehicle Taxis: A case study in Seoul</i> James Seong-Cheol Kang, Global Green Growth Institute

	<p><i>Investment Needs of Transport Infrastructure Along Low Carbon Pathways</i> Vivien Fisch, International Research Center on Environment and Development (CIRED)</p> <p>A2 – Rural Electrification</p> <p><i>Demand for Off-grid Solar Electricity: Experimental evidence from Rwanda</i> Jörg Peters, RWI- Leibniz Institute for Economic Research</p> <p><i>Benefits of Electrification and the Role of Reliability: Evidence from India</i> Fan Zhang, World Bank</p> <p><i>The Demand for Rural Electrification in Africa</i> Moussa Blimpo, Africa Region, World Bank</p> <p>A3 (Policy Session) – Infrastructure for disaster risk management: Overcoming barriers to scaling up nature-based solutions</p> <p>Organized by the European Commission, DG Research and the World Bank</p>
13:00 – 14:00	Lunch
14:00 – 15:30	<p>Parallel Sessions B</p> <p>B1 – Energy, Infrastructure and Low Carbon Pathways</p> <p><i>Decarbonizing Electricity Generation with Intermittent Sources of Energy</i> Stefan Ambec, Toulouse School of Economics</p> <p><i>Demand Side Management: A case for disruptive behavior</i> Dina Subkhankulova, University College London Energy Institute</p> <p><i>Investment in Energy Efficiency, Adoption of Renewable Energy and Household Behaviour: Evidence from OECD countries</i> Prudence Dato, Savoie Mont Blanc University</p> <p>B2 – Transport and Structural Transformation</p> <p><i>Roads and Rural Development in Sub-Saharan Africa</i> Harris Selod, World Bank</p> <p><i>Rural Roads and Structural Transformation</i> Sam Asher, World Bank</p> <p><i>The Effect of Transport Infrastructure on India's Urban and Rural Development</i> Simon Alder, University of North Carolina at Chapel Hill</p> <p>B3 (Policy Session) – One Belt One Road</p> <p>Fulai Sheng, UN Environment</p>

	Somik Lall, World Bank
15:30 – 16:00	Coffee Break
16:00 – 17:30	Plenary – Water <i>No Sh*t: Demand estimation with strategic complementarities with an application to sanitation in Bangladesh</i> Mushfiq Mobarak, Yale University <i>Water, Health and Wealth</i> Edward Glaeser, Harvard University <i>Uncharted Waters: The economics of water scarcity and variability</i> Richard Damania, World Bank
18:00	Conference Dinner

Tuesday 28 November 2017	
09:00 – 09:45	Keynote <i>Energy and Development</i> Catherine Wolfram, Haas School of Business, University of California Berkley
09:45 – 11:00	Plenary – Regulation <i>Infrastructure Regulation and Economic Integration</i> Emmanuelle Auriol, Toulouse School of Economics <i>Funding and Financing Regulated Infrastructure</i> Stephane Straub, Toulouse School of Economics Michael Grubb, University College London
11:00 – 11:30	Coffee Break
11:30 – 13:00	Parallel Sessions C C1 – Roads, Deforestation and Agricultural Productivity <i>Agricultural Productivity and Deforestation in Brazil</i> Juliano Assunção, Climate Policy Initiative and PUC-Rio

	<p><i>Can Roads Contribute to Forest Transitions?</i> David Kaczan, Environment and Natural Resources Global Practice, World Bank</p> <p><i>A Structural Dynamic Land Use Model for the Amazon Rainforest</i> Eduardo Souza-Rodrigues, University of Toronto</p> <p>C2 – Adaptation and Long Term Decision-Making Chair: Oyun Sanjaasuren, Former Minister of Environment, Mongolia</p> <p><i>Term Structures of Discount Rates: An international perspective</i> Christian Gollier, Toulouse School of Economics</p> <p><i>Application of DMDU (Decision Making Under Uncertainty Methodology) on Korean Transportation Infrastructure Feasibility Study</i> Ki Han Song, Korea Transport Institute</p> <p><i>System-of-Systems Framework for Global Infrastructure Vulnerability Assessments</i> Raghav Pant, Environmental Change Institute, University of Oxford</p> <p>C3 (Policy Session) –Assessing the Sustainability of Infrastructure and Natural Asset Management</p> <p><i>The Weight of Cities: Resource requirements of future urbanisation</i> Anu Ramaswami, Humphrey School of Public Affairs, University of Minnesota</p> <p><i>Municipal Natural Asset Management as a Sustainable Infrastructure Strategy: The emerging evidence</i> Roy Brooke, Municipal Natural Assets Initiative</p> <p><i>Sustainable Asset Valuation (SAVi) Tool</i> Oshani Perera, International Institute for Sustainable Development</p> <p><i>Assessing the Sustainability and Climate Resilience of Infrastructure to Catalyse Better Decisions</i> WWF</p>
13:00 – 14:00	Lunch
14:00 – 15:30	<p>Parallel Sessions D</p> <p>D1 – Mitigation and Long Term Decision-Making</p> <p><i>Innovation and Adaptability of Energy Systems: Some evidence and a mathematical exploration</i> Michael Grubb, University College London</p> <p><i>Keeping Pigou on Tracks: Second-best carbon pricing and infrastructure provision</i> Jan Siegmeyer, Mercator Research Institute on Global Commons and Climate Change</p>

	<p><i>Dead on Arrival? Implicit Stranded Assets in IPCC Scenarios</i> Alexander Pfeiffer, Inter-American Development Bank and Institute for New Economic Thinking, Oxford</p> <p>D2 – Adaptation and Flooding</p> <p><i>Global Investment Costs for Coastal Defense Through the 21st Century</i> Robert J. Nicholls, University of Southampton</p> <p><i>The Spatial Exposure of China’s Infrastructure System to Flooding Risks in the Context of Climate Change</i> Xi Hu, University of Oxford</p> <p><i>Prioritization of Road Interventions in Nampula and Zambezia, Mozambique under Changing Flood Risk and Other Deep Uncertainties</i> Xavier Espinet Alegre, World Bank</p> <p>D3 (Policy Session) – Implementing Sustainable Infrastructure</p> <p><i>Sanitation and Externalities: Evidence from early childhood health in rural India</i> Luis Alberto Andres, World Bank</p> <p><i>Lessons from Four Decades of Infrastructure Project Related Conflicts in Latin America and the Caribbean</i> Andreas Georgoulas, Zofnass Program for Sustainable Infrastructure, Harvard University</p> <p><i>Climate-Resilient Infrastructure: Getting the policies right</i> Michael Mullan, Organisation for Economic Co-operation and Development</p> <p><i>Enhancing the Climate Resilience of Africa’s Infrastructure</i> Raffaello Cervigni, World Bank (or Ken Strzepek, MIT or Jim Neumann, World Bank)</p>
15:30 – 16:00	Coffee Break
16:00 – 17:30	<p>Plenary – Finance Chair: Jordan Schwartz, World Bank</p>
17:30 – 17:45	<p>Closing Remarks</p> <p>Benjamin Simmons, Green Growth Knowledge Platform Kumi Kitamori, Organisation for Economic Co-operation and Development Marianne Fay, World Bank</p>

Wednesday 29 November 2017

08:00 – 10:00	GGKP Advisory Committee Meeting (closed meeting)
10:15 – 17:00	GGKP Knowledge Partners Workshop (closed meeting)

Thursday 30 November and Friday 1 December 2017	
09:00 – 17:00	GGKP Natural Capital Expert Meeting (closed meeting)