



SPEAKER PROFILES - APRIL 15, 2015 (CARLETON UNIVERSITY)

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## Jaswinder Kaur

Jaswinder Kaur has over 15 years of executive experience in new venture creation, entrepreneurship and fund management, with specialization in the cleantech and ICT sectors. She is head of the Canada India Centre for Excellence at Carleton University.

Most recently she served as Vice President, Cleantech for TaraSpan (Canada), where she worked with international clients to facilitate market entry/expansion plans in India. Prior to this, Jaswinder was Managing Director for the Cleantech Group, a leading provider of market intelligence and advisory services. Based in India, she was responsible for driving growth in the region and worked with global corporations, investors and government agencies to develop cleantech policy, research cleantech companies, evaluate investment opportunities, and assess the development of cleantech markets.

From 2006-2008, Jaswinder served as Executive Director of the Indian Venture Capital Association (IVCA) where she developed public policy, expanded overseas partnerships, and introduced training initiatives. Jaswinder was also a co-Founding Partner at Venture Coaches, an early stage Canadian venture capital fund focused on investments in the wireless and IT sector. This followed an extensive career in marketing and operations at leading telecommunications companies. Jaswinder has also been a sessional professor at the Sprott School of Business mentoring the next generation of entrepreneurs. She has a MBA from University of Ottawa and a BA (Honours) from Carleton University.



## Pradeep Merchant

Site Chief of the Division of Neonatology at the Ottawa Hospital Civic Campus

Dr. Pradeep Merchant is a well-known and respected individual in the Indo-Canadian community and in the City of Ottawa. Currently, he is the Site Chief of the Division of Neonatology at the Civic Campus and Assistant Professor in Dept. of Paediatrics at University of Ottawa. He has played an active role in building strong professional and business organization in Ottawa. He has been an extremely successful Chair of the Indo-Canada Ottawa Business Chamber (ICOBC) for the years 2010-2012.

Dr. Merchant has worked tirelessly with the private and political sectors to improve economic ties between India and Canada. He has volunteered and contributed actively too many think tank discussions at various provincial and federal level and round table meetings to enhance the understanding and relationship between the two great parliamentary democracies.

He currently serves on the Advisory Board of India Canada Chamber of Commerce.

He has been instrumental in developing and a current Co-Chair of the “Canada-India Center for Excellence in Science, Technology, Trade and Policy” in Ottawa at Carleton University.

He has been appointed to the Board of Governors for Carleton University for term of three years starting 2013-2016.

He serves on the Board of the Mahatma Gandhi Peace Council of Ottawa. The council brought Mahatma Gandhi’s statue in the Nation’s Capital at Carleton University.

He serves on the Board of Queensway Carleton Hospital Foundation as an active community representative in helping health care institutions.

Dr. Merchant has recently been confirmed for the Queen Elizabeth II Diamond Jubilee Medal for outstanding Canadians.

## Opening Remarks & Keynote



### Kim Matheson

Dr. Matheson was appointed Vice-President (Research and International) in November 2009. She joined the Department of Psychology at Carleton University in 1990 as a SSHRC Canada Research Fellow and was promoted to full professor in 2003. In 2014, her academic home became the newly formed Department of Health Science at Carleton.

She received her PhD in 1988 from the University of Waterloo and is a Carleton alumna (BAHons/82, MA/83). Her work concerns the impacts of group based stressors – stigma, immigration, cross-cultural differences, prejudice and discrimination – on the physical and mental health of members of disadvantaged social groups, including immigrants and First Nations peoples. Together with her collaborators in neuroscience, her work aims to understand the psychosocial factors that promote resilience in the face of stressors that disproportionately affect particular social and cultural groups, with the aim of designing intervention programs and to inform public policy.

She is one of the few researchers to have been funded by all three major funding agencies: Social Sciences and Humanities Research Council (SSHRC), Natural Sciences and Engineering Research Council (NSERC), and the Canadian Institutes of Health Research (CIHR).

Dr. Matheson has considerable administrative experience at the departmental, faculty and university levels. She was the Acting Vice-President (Research and International) at Carleton University from 2007 to 2009. As Chair of the Department of Psychology from 1997 until 2003, she presided over the largest academic unit at the University. She has served on the Senate, the Senate Financial Review Committee and was a member of the University Task Force on Planning and Priorities. She is currently a member of the Board of Directors for CANARIE, and on the Advisory Board for the Social Interactions, Identity, and Well-being, the Panel of the Canadian Institutes for Advanced Research, and the Scientific Board of the Institute of Mental Health Research at the Royal Ottawa Hospital.



## Rick Huijbregts (Keynote)

Vice President, Industry Transformation General Manager,  
IoE | Smart + Connected Communities Cisco Canada.

As Vice President *Industry Transformation*, Rick Huijbregts leads a team of highly skilled industry professionals and business developers to drive business transformation and relevance with Cisco and Cisco's Canadian customers.

As part of *Industry Transformation*, Rick and his team oversee four of Cisco Canada's top priorities: Smart + Connected Communities (changing Canada's productivity and innovation profile through community and infrastructure transformation) – including Smart + Connected Real Estate, and the **Internet-of-Things** (*connecting the unconnected* and driving toward an internet of infinite interactions with the goal to advance sustainable performance in Canada's industries), Cisco Canada's (3) **Industry Business Development** team and one of Cisco's few (4) **Global IoE Innovation Centres**.

Rick started at Cisco in 2005 as a member of Cisco's corporate real estate team, after which he served for three years in various business development roles focusing on the real estate sector in the United States, Canada, and Emerging Markets [Russia, Eastern Europe, Middle East, Africa, and Central and South America] regions.

Prior to joining Cisco, Rick was executive director of the Center for Design Informatics at the Harvard Design School where he worked at the cross-section of innovation, technology, change management, and real estate. For numerous years more, Rick promoted and implemented business transformation initiatives with international clients like AEW Capital, McGraw-Hill Construction, Aukett Architects, and Capital Planning Technologies.

Rick holds a bachelor's degree in *construction management*, a master's degree in *real estate development and project management* from Delft University, and a doctorate from Harvard University with a specialization in real estate technology and *investment management*.

Rick currently is Faculty member at the Harvard University GSD Executive Education focusing on topics of Smart Cities and Smart Buildings; is *Executive-in-Residence* for George Brown College; serves on the *industry advisory board* for the Mechanical and Industrial Engineering department at the University of Toronto; is *founding member* on the Evergreen CityWorks Leaders Council; is recipient of the Queen Elizabeth Royal Jubilee Award for his groundbreaking work in Community Innovation in Canada; and was named "top 35 people to watch" in the industry by Realcomm and received a prestigious DigieAward for the real estate industry.

## Plenary Session: Building and Advancing Smart Cities in Canada and India



### Sandra Crocker (Moderator)

Sandra Crocker was appointed to the newly created position of Associate Vice-President (Strategic Partnerships and Operations) at Carleton University in May 2011.

Prior to this, she held the position of Assistant Vice-Principal (Strategic Planning and Partnerships) at McGill University, and enjoyed a long career at Queen's University culminating as Associate Vice-Principal (Research), where she was responsible for promoting research initiatives involving cross-disciplinary teams of researchers and external industrial and community partners.

Ms Crocker served as President of the Canadian Association of University Research Administrators (CAURA) as well as the grant review panels for the Heart and Stroke Foundation of Canada in addition to provincial and internal panels. She served as the President of the Kingston Technology Exchange Centre, a not-for-profit research incubator, and as Chair of the Eastern Lake Ontario Regional Innovation Network. She has served on the editorial review board for the Journal of Research Administration.

Ms. Crocker has served on the Boards of Directors for the BioCap Canada Foundation, Insect Biotec Canada Inc., the Kingston Technology Council and the Ontario Centre of Excellence for Communications and Information Technology. More recently she has joined the Board of Directors of The Consortia Advancing Standards in Research Administration Information (CASRAI), The Board of the Sudbury Neutrino Observatory, the Board of the Network Centre of Excellence (CENGEN), the Southern Ontario computing consortia (SOSCIP) and the Consortium For Aerospace Research and Innovation in Canada (CARIC).

## Panelists:



### Rick Huijbregts

Vice President, Industry Transformation General Manager,  
IoE | Smart + Connected Communities Cisco Canada.



### Shannon Joseph

Shannon Joseph is a passionate advocate for the local government voice in Canada and for catalyzing a municipal movement for sustainability.

Shannon came to FCM's Green Municipal Fund (GMF) from an international NGO, where she participated in several United Nations committees, and has also worked with the Quebec municipal sector as a consulting engineer, focusing on contaminated site assessment and remediation.

Prior to her current role as Manager of Research and Development, Shannon was a key member of the FCM Policy team, providing direction on environment and sustainability issues as well as on northern and remote community issues. She also has served as Interim Executive Director of the Nunavut Association of Municipalities, and brings both an international and local perspective on the key drivers for sustainability.

Shannon is committed to maintaining high-value, dynamic GMF programming for Canadian municipalities.



## Arvind Vijn

Mr. Vijn is Director, India and SouthEast Asia Services, at Deloitte Canada. Educated in India and resident in Canada, Arvind travels frequently to India and ASEAN working with clients investing in North America.

An executive with 30 years of experience specializing in cross-border business advisory matters, Manufacturing, Energy and Supply chain issues. Arvind held key roles within Fortune 500 corporations including Shell, 3M, ICI and Brenntag. His work experience spans both South Asia and North America. He successfully started up business units for Shell and 3M in India.

Arvind directs the India Services Group for Deloitte Canada and leads the India Services effort for Deloitte firms in the Caribbean, Brazil and Latin America. He is also responsible for Deloitte Canada's Services and business development in South East Asia (ASEAN).



## Kaushik Ranjan Bandyopadhyay

Dr. Bandyopadhyay is associate professor of economics and business sustainability in The Energy and Resources Institute (TERI) University. He is also a project advisor with Green Growth Division, TERI and has been a senior advisor to Global Subsidies Initiative, International Institute of Sustainable Development (IISD), for projects on fossil fuel subsidies.

Dr. Bandyopadhyay is a lead contributor for the India chapter of the forthcoming ADB report on Reforming Fossil fuel Subsidy for India, Indonesia and Thailand and has led two more studies on fossil fuel subsidy and direct cash transfer in Indian context undertaken by TERI and TERI University along with IISD and commissioned by Foreign Commonwealth Office, DFID, UK.

He has been a columnist on energy sector with the leading national dailies; a visiting faculty at the United Nations University (UNU-IIST) and at the Faculty of Management Studies (FMS), Delhi University. He was also a member of subgroup on transport formed in 2010 by Government of India for providing inputs to the India chapter of Energy Technology Perspectives (ETP) of International Energy Agency (IEA) for 2010.



## Stephen Fai

Dr. Fai holds a professional BArch (Carleton) and a PhD in religious studies (Ottawa). He is an Associate Professor at the Azrieli School of Architecture and Urbanism where he teaches in the design studio and in the PhD program. He has taught courses on hand drawing and on various themes in the history and theory of architecture.

Professor Fai served as the acting director of the School of Architecture (2002 - 2004), director (2004 - 2005), and associate director, graduate programs (2006 - 2010). He became the Director of CIMS in 2007.

Stephen's research interests are at the intersections of architecture, religion, and representation. These have played out through various projects during his time at CIMS. His most recent focus is on applications of building information modelling for heritage conservation and cultural landscapes.



## Report Card on Canada-India Research on Sustainable Infrastructure



### Nemkumar Banthia

Nemkumar Banthia is a Professor of Civil Engineering, Distinguished University Scholar and a Canada Research Chair at the University of British Columbia, Vancouver, Canada. Dr. Banthia obtained his Ph.D. from the University of British Columbia in 1987 on Impact Resistance of Concrete, and since then he has been actively pursuing research in the areas of cement-based and polymer-based fiber reinforced composites, with particular emphasis on testing and standardization, fracture behavior, strain-rate effects, durability and development of sustainable materials. He pioneered the process of structural repair and strengthening using sprayed fiber reinforced polymers—a highly innovative and sought after for structural rehabilitation around the world. He is credited for his contributions to the fundamental understanding of sprayed concrete including particle and fiber kinematics, rebound modeling, in-situ quality control and performance characterization. In the area of fiber reinforced cementitious composites, he has developed a number of novel fibers for concrete and shotcrete reinforcement, and these fibers that are now being used in numerous large projects around the world.

Dr. Banthia has edited/co-edited fifteen volumes, published over 250 technical papers, and holds three international patents. A professional engineer in the province of BC, Dr. Banthia serves on the technical committees of various professional societies including the American Concrete Institute where he chairs the committee on fiber reinforced concrete, RILEM where he chairs the Technical Committee on FRP-Concrete Bond, and the Canadian Standards Association where he chairs the Durability Committee of the Highway Bridge Design Code. Dr. Banthia also serves on the Editorial Boards of four international journals.

Dr. Banthia has received various honors and awards worldwide including the WG Hislop Award of the ACI-BC Chapter, four Best Paper Awards, and the Wason Medal from the American Concrete Institute. More recently he was honored by the British Columbia Innovation Council by its coveted Solutions Through Research Award and jointly by the Seoul National University and the Korea Concrete Institute by their Distinguished Researcher Award. Dr. Banthia is a fellow of the American Concrete Institute, the Canadian Society for Civil Engineering, the Indian Concrete Institute and the Canadian Academy of Engineering.

## Smart Public Transport and Applications in India



### Pierre Sein Pyun

Pierre Sein Pyun, as Vice President, Government Affairs, leads government relations activities in Canada for Bombardier Inc., aerospace and rail transportation business segments.

A lawyer by training, Pierre has significant background in international trade, having served with the Canadian federal government since 1998. Most recently, Pierre managed sector practices and developed and implemented global commercial strategies for the Canadian government in Ottawa. Prior to this mandate, Pierre worked at Canadian diplomatic posts in China from 2001-2009, including as a Senior Trade Commissioner at the Canadian Embassy in Beijing.

Pierre holds degrees in Common Law and Civil Law from McGill University and completed a Certificate in International Commerce at the University of Montreal. He is fluent in French, English, Mandarin and Korean.

Pierre serves on the board of directors of a number of associations, including the Canadian Chamber of Commerce, Canadian Manufacturers & Exporters, Aerospace Industries Association of Canada, the Canada China Business Council and the Canada-India Business Council. He also sits on the Board of Governors of the J. Armand Bombardier Foundation.

## Panel 1: Smart Grid/Energy Applications



### Dr. Jasvinder Singh Obhi (Moderator)

An experienced executive and entrepreneur, Jasvinder has worked for both international and entrepreneurial companies (he has assisted dozens start-ups as a consultant) in advanced technologies over the last 25 years ranging from nanomaterials to telecom to green technologies. His last venture, RocketOwl is an Ottawa based company that produced leading edge games for e-learning using social and mobile networks, using extensive data analytics to optimize engagement. Their initial game was geared towards learning about alternative energies and the environment. Previous to this he was Chief Strategy Officer for Sunlogics, a Solar Energy Provider.

Jasvinder is a Chartered Physicist with the Institute of Physics, UK, Associate of the Institute for Knowledge Mobilization, member of the Foresight Synergy Network, Executive Director and Charter Member of TiE Ottawa (TiE is the largest entrepreneurial organization in the world). He holds a PhD in Physics from the University of London and has over 90 publications along with several patents.

## Panelists:



### Antoine Paquin

Antoine is a serial entrepreneur currently serving as the founder, President and CEO of Solantro, a fabless semiconductor company delivering next generation semiconductor based solutions for distributed power generation solutions.

For more than 20 years, he has defined and shaped the direction of several notable and groundbreaking technology firms as an entrepreneur as well as a venture capitalist with Rho Ventures. Previously, he ran and built a number of fabless semiconductor companies including Axiom Microdevices Inc. (sold to Skyworks NASDAQ: SWKS), Philsar Semiconductor Inc. (sold to Skyworks Solutions – NASDAQ: SWKS) and Skystone Systems Inc. (sold to Cisco Systems – NASDAQ: CSCO).

Mr. Paquin serves as a director on the board of Accedian Networks. Prior to that point, Mr. Paquin served on a number of prominent public and private company boards, including GMP Capital, one of Canada's premier investment banks, and Public Mobile, one of Canada's new Cellular Operators.

Antoine has received several awards during his entrepreneurial career, including Entrepreneur of the Year for the Nation's Capital, recipient of the National Research Council's Innovator of the Year Award, and recipient of the IWAY awards for exceptional entrepreneurial achievements (Canada's Information Highway Initiative).

Antoine was born in Montréal, Canada and raised in Canada, France and Africa.



## R (Raju) Rajagopalan

R (Raju) Rajagopalan, M. Tech, M.A. Sc. is a Director of GREENEW TECHNOLOGIES LLP with the specific focus on customer expectation management and quality of deliverables. The company will focus on innovative and practical solutions and provide PMC Services in the renewable energy sectors in India.

When India embarked on the solar energy initiative, Raju was responsible for the first mega project, first Azimuth Tracker and the First commercial rooftop project. Raju was the Chief Architect behind the world's first Canal Top Projected located on the Narmada Canal. His company is focused on innovations in solar energy.

Raju got his Bachelor of Technology and Masters from IIT, Madras and has a Master of Applied Science from Ottawa University. His family runs a small trust to provide financial assistance to engineering students in India.



## Niraj Bhargava

Niraj Bhargava is Founder and CEO of The New Energy Group (NewEnergy), and also is currently Entrepreneur-in-Residence at the Sprott Business School, at Canada's Capital University, Carleton University. NewEnergy provides professional services and solutions in the sectors of Energy Management, Education and Entrepreneurship for clients in the US, Canada and Asia.

Recently, Niraj was Co-Founder, Chairman and Chief Executive Officer of Energate Inc., a venture-backed tech company specializing in home energy management and smart grid solutions, including technology deployed in the successful smart grid project awarded the highest global industry honors in 2013 by avoiding 200 MW of new power generation through efficiencies. Over ten years with Niraj as its leader, and raising over \$15M, Energate was three times awarded a place on Canada's Green 15 list of successful green technology companies and was listed on the Global Smart Grid 50 and Deloitte's Fast 50.

Previously, Niraj was President and CEO of Enerstat Limited, the company that first commercialized the electronic programmable thermostat, and led it through a turnaround and acquisition. After Enerstat, he became CEO of QCED Inc., a faculty member in Entrepreneurship at Queen's University, a Director of the Queen's Executive MBA, and then Dean of the Business School at Royal Roads University. Earlier in his career, Niraj practiced engineering at Bell-Northern Research and IBM, marketing and business development at Northern Telecom and General Electric, and was the founding General Manager of GE Energy Management.

Niraj has a BAsC. from University of Waterloo and an MBA from Ivey Business School, as well as an International Business certificate from Stockholm School of Economics. After recently returning from Asia, Niraj lives in Ottawa, embraces the outdoors, and travels extensively with his family and colleagues focusing on international development and sustainability.

## Trials and Tribulations of Wastewater Treatment in Mumbai



### Alan Perks

Alan Perks is a senior engineering consultant with 40 years of diversified private and public sector experience in the planning, design and operation of environmental, water and urban infrastructure. He has managed and directed major consulting assignments in Canada and internationally in India, Africa, the Caribbean, and Eastern Europe. He served as Managing Director of RVA's International Operations for 15 years, and was responsible for the 2025 Wastewater Master Plan for Mumbai, India, which is now being implemented by R.V. Anderson with over \$350 million of priority upgrades. In addition to a strong technical background, he is an experienced manager with significant exposure to strategic planning, policy analysis, program evaluation, planning and budgeting, human resources development and communications.

Mr. Parks has acted as Associate Professor of Civil Engineering at the University of Toronto, Carleton University and the University of Ottawa. He was President of the Canadian Society for Civil Engineering during 1998-99. Most recently he has helped to direct a \$10 million assessment of water and wastewater infrastructure needs on 623 First Nations communities across Canada.

## Panel 2: Infrastructure & Materials



### Oshani Perera (Moderator)

Oshani Perera leads IISD's work in public procurement and infrastructure finance. In both these roles she advises national governments on the design of laws, policies and instruments to: 1.) integrate environmental and social performance into public procurement and PPP arrangements; b) policies and instruments for lowering the cost of capital for environmentally and socially sustainable assets and enterprises.

## Panelists:



### Renee L. Gratton

Founding President & CEO, Construction Resources Initiative Council

With more than thirty years in various building industry sector, Renee has extensive experience in all aspects of the project implementation process, and is a recognized sustainability consultant, speaker, writer, educator, steward and founder of the CRI Council. She is also a founding Director of the National Zero Waste Council; a Canadian Standards Association Sustainable Buildings Committee Member; advisor to many organizations, a member of the United Nations Environment Programme Sustainable Building and Climate Initiative's Material Technical Advisory Committee and a past Director at the Canada Green Building Council.

In 2013, she received the Massachusetts Institute of Technology Climate Colab People Choice Award for the Waste Management Contest and was a finalist in the CTV Amazing People Award.



## Giancarlo Mangone

Giancarlo Mangone is currently an assistant professor of architecture at Carleton University in Ottawa, Canada, as well as principal of Symbiosis : Sustainable Design + Consulting.

His practice has developed projects throughout the world, including the US, Puerto Rico, Europe, China, and Africa. In addition, he regularly collaborates with innovative design, engineering, and development firms, including Ken Yeang, Schmidt Hammer Lassen, William McDonough + Partners, and Mecanoo Architekten. He is also completing a PhD at the Delft Technical University Faculty of Architecture, in the Architectural Engineering + Technology Department. His research is focused on exploring and evaluating the potential of the design of buildings to improve the ecological integrity of local and global ecosystems, while at the same time, improving the social and economic performance of local communities.

The value of Giancarlo's evolving design research process and work has been recognized through international design awards and competition prizes, invitations to be a peer reviewer for peer reviewed scientific journals and a scientific committee member for international conferences, as well as appointments to teach, consult, and develop research initiatives at various universities in the US and Europe, in Architecture, Engineering, Ecology, and Psychology Departments.

His research and work has been published in numerous peer-reviewed journal articles, book chapters, and professional industry articles. His upcoming book disseminates the research findings of his exploration of the potential of building integrated forests to improve the ecological integrity of local ecosystems, while simultaneously improving the social and economic performance of building projects.

## Sanjay Devnani

RV Anderson (India)





## Mir Ali

Mir Ali has worked with engineering projects across Canada, India and Israel. He established HAZMER International Limited Canada in 2002 as a holding company and has formed strategic alliances with major Canadian companies such as MMM, SNC-Lavalin, Stantec Consulting Inc. and TSH.

In 2009, Mr. Ali launched SuperBuild India which had an order of \$1.2 billion through a number of PPP projects and is projected to reach a turnover of \$500 million by 2020.

Currently he is Managing Director of Gammon Infrastructure Projects Limited Canada, which formed a strategic alliance in 2009 with Gammon India. He has a Masters of Civil Engineering from Carleton University and is a passionate champion of the Canada India Centre for Excellence.

## Smart India Initiatives in Education



### Suneet Singh Tuli

Suneet Singh Tuli is the founder and CEO of DataWind Ltd., a serial entrepreneur with over 25 years of experience. DataWind’s initial public offering (IPO) on the Toronto Stock Exchange in 2014 represented the third of his career; having previously launched two successful companies that conducted IPOs on the Nasdaq stock market.

Suneet has been recognized by Forbes magazine in its 2012 Impact 15 list as a “classroom revolutionary” using innovative technologies to reinvent education globally. In 2014, the Intelligent Community Forum named Suneet as its “Visionary of the Year”. In 2015, York University’s Lassonde School of Engineering recognized Suneet as the “Renaissance Engineer of the Year”. Recently DataWind was chosen as one of the world’s 50 Smartest Companies by the MIT Technology Review.

Suneet graduated in 1990 with a Bachelor’s degree in Applied Science in Engineering from the University of Toronto.

## Panel 3: Financing Smart Cities



### Tim Hutchinson (Moderator)

Mr. Hutchinson has extensive experience in the government, public, health and social service sectors. He holds Masters in both Public Administration and Social Work.

Tim has provided leadership on the planning and implementation of national chronic disease policies and is a former board member of Ottawa Public Health and the Alzheimer Society of Ottawa.

In his free time, Mr. Hutchinson volunteers with the Canada Africa Community Alliance, the Canadian Public Health Association and led the regional task force on elder abuse. He is a founding member of SAGE Ottawa (Senior Action in a Gay Environment) and was a previous board member of the Pink Triangle Service.

## Panelists:



### Oshani Perera

Oshani Perera leads IISD's work in public procurement and infrastructure finance. In both these roles she advises national governments on the design of laws, policies and instruments to: 1.) integrate environmental and social performance into public procurement and PPP arrangements; b) policies and instruments for lowering the cost of capital for environmentally and socially sustainable assets and enterprises. Her geographical experience includes India, Sri Lanka, Abu Dhabi, Chile, China, Ghana, India, South Africa, Costa Rica, Lao PDR, USA, EU, Vietnam, Mauritius, Egypt, Timor Este, Sri Lanka, Brazil, Jamaica, Mexico, Seychelles, Costa Rica and Thailand.

Ms. Perera has extensive experience in diverse aspects of sustainable development including environmental management systems, corporate sustainability auditing, benchmarking and reporting, supply chain management, investment incentives and FDI.

Before working with IISD, Ms. Perera worked at KPMG, the McKinsey Global Institute the United Nations Environment Programme. She is accredited as a Lead Environmental Auditor by the Institute of Environmental Management and Assessment.



## Stéphane Larocque

Senior Vice-President and Consulting Practice Leader,  
Impact Infrastructure

Stéphane is Impact Infrastructure's Consulting Practice Leader. His clients have ranged from federal departments such as the Department of Defense and the National Renewable Energy Lab, to major local organizations such as the Metro Wastewater Reclamation District in Denver and the City and County of Honolulu, to giant corporations like MillerCoors and BNSF Railroad.

He brings a background as an internationally recognized professional in the field of triple-bottom line economic analysis, which reflects the environmental, social and financial impacts of all manner of infrastructure investment. Over his nearly 20 year career Stéphane established himself as a thought leader in this space, speaking at conferences for groups such as; the American Public Works Association, the US Green Building Council, the Harvard Graduate School of Design, the Transportation Research Board, the Canadian Society of Value Analysis, the American Planning Association as well as teaching Masters level workshops at Columbia University in New York.



## Dr. Tessa Hebb

Dr. Hebb is the Director of the Carleton Centre for Community Innovation, Carleton University, Canada. Her research focuses on Responsible Investment and Impact Investing. It is funded by the Social Sciences and Humanities Research Council, Government of Canada. The Carleton Centre for Community Innovation is a leading knowledge producer on these topics together with non-profit and philanthropic leadership, northern communities and community economic development. Dr. Hebb received her Doctorate from Oxford University.

Dr. Hebb is a member of the steering committees of the UN- backed PRI Academic Network, the Heartland Network, Canadian Business Ethics Research Network, the Canadian Social Investment Organization and the Impact Investing Policy Collaborative. She lead a four year research project on US Public Sector Pension Fund Investment in Urban Revitalization based at Harvard University and funded by the Ford and Rockefeller Foundations (2004-2008). She is a frequent guest speaker on responsible investment issues in both Canada and the US. She has published many books and articles on responsible investing and impact investing policies including the volumes *Working Capital: the Power of Labor's Pensions*; *No Small Change: Pension Fund Corporate Engagement*; and *The Next Generation of Responsible Investing*.

## Closing Remarks



### Dr. Rishi Gupta

Dr. Gupta is currently an Assistant Professor in the Department of Mechanical Engineering (Civil Engineering Program) at the University of Victoria. He received both a masters and a PhD in Civil Engineering (Materials) from the University of British Columbia. He has more than 15 years of combined academic and industry experience includes working as the Director of Research of Octaform Systems Inc in Vancouver and as an Engineer with Tata Consulting Engineers in Mumbai India.

His areas of interest include: development of sustainable construction technologies; Hybrid Fiber Reinforced Concrete; health monitoring of structures and Non Destructive Testing; durability and corrosion studies of reinforced concrete.

Rishi is the deputy chair of the international affairs committee of the Canadian Society of Civil Engineering (CSCE) and also the liaison officer for India. He is a long standing member of the American Concrete Institute and serves on many technical committees including ACI 544 and 347. He is also a voting member of several subcommittees of ASTM C 09.



### L. Pauline Rankin

Serving as Associate Vice-President (Research and International), Dr. Rankin is part of the senior management group responsible for advancing Carleton's international research agenda.

Dr. Rankin has extensive experience with international development projects, offering strategic advice and training in Russia, Ukraine, China, Ethiopia, Bangladesh, Tunisia, South Africa, Turkey, and throughout the South Caucasus. She currently serves as gender consultant on a Department of Foreign Affairs, Trade and Development-funded project, Quality and Accessible Legal Aid in Ukraine. Her current research activity includes an International Development Research Centre-funded project on women and artisanal mining in the Great Lakes region of Africa.

Dr. Rankin holds a PhD in Political Science from Carleton University and has been a faculty member since 1996. Most recently, she held the position of Associate Dean (Research and Graduate Affairs) for the Faculty of Arts and Social Sciences. She is a former Director of the School of Canadian Studies and also a former Director of the Pauline Jewett Institute of Women's and Gender Studies.