

## BIOGRAPHICAL NOTES

PLEASE RETURN TO NOMINATING COMMITTEE NO LATER THAN NOVEMBER 30, 2012

Name: Christopher Kennedy	Country: CANADA
Candidate for which ISIE position? President	ISIE member since: 2003
PLEASE GIVE YOUR REASONS FOR RUNNING FOR THIS ISIE GOVERNANCE POSITION (150 WORD LIMIT)	
<p>I am committed to the long-term success of the ISIE. As Treasurer over the past four years, I have been part of a team that helped to stabilize the finances and grow the Society. I was host chair of the 2007 ISIE conference, which included a broadening of topic areas within IE, and progress in sponsorship by industry. I contribute to the intellectual direction of IE as an Associate Editor of the Journal.</p> <p>I think there is an important role for IE in building a sustainable society, and I'm keen to see the mainstreaming of IE concepts (circular economy, industrial symbiosis, urban metabolism, etc.) into practice. I'd like to keep helping the Society moving forward: growing membership, especially in Asia; strengthening the topic sections; and stimulating IE programming at universities. While looking to push IE forward, I also think the Society would benefit from taking stock, celebrating and communicating its achievements.</p>	
DESCRIBE YOUR CURRENT PROFESSIONAL AND/OR ACADEMIC ACTIVITIES (100 WORD LIMIT)	
<p>Chris Kennedy is a Professor in the Department of Civil Engineering at the University of Toronto, where he teaches courses in Engineering Ecology, Infrastructure Economics and the Design of Infrastructure for Sustainable Cities. His work involves applying principles of Industrial Ecology to the design of urban infrastructure systems, including buildings, water systems, and urban transportation. Amongst his 100+ publications are studies of urban metabolism, and processes for developing sustainable urban transportation. His wider work has included contributions to probability theory, regional economics, contaminant transport and engineering education. Chris has advised several organizations including World Bank, UNEP, UN-HABITAT, and US NSF.</p>	
LIST PREVIOUS PROFESSIONAL AND/OR ACADEMIC POSITIONS (100 WORD LIMIT)	
<p>July 2011 – June 2010: Environment Directorate, <b>OECD, Paris, FRANCE</b> Jan. - April 2005: Visiting Scholar, Urban Water Management, <b>EAWAG / ETH Zürich, SWITZERLAND</b> July – Dec. 2004: Visiting Scholar, Transportation Studies Unit, <b>Oxford University, UK</b> Nov. 1996 – April 1997: Visiting Scientist, <b>UFZ Centre for Environmental Research, Leipzig, GERMANY</b></p>	
EDUCATION	
<p>Master of Business Administration (2002) University of Toronto, CANADA Ph.D. Civil Engineering (1996) University of Waterloo, CANADA M.A.Sc. Civil Engineering (1993) University of Waterloo Postgraduate Diploma Economics (1991) University of Warwick, UK B.Eng. (First Class) Civil Engineering (1990) Imperial College, London, UK</p>	

AWARDS/MERITS

EWRI / ASCE Journal of Water Resources Planning and Management, Best policy-oriented paper award for 2007

Top Reviewer award, Waste Management (Elsevier Journal) 2009

Canadian Mortgage and Housing Corporation Excellence in Education Award Winner 2010

My book (Evolution of Great World Cities) was named one of the best international books of the year by the Canadian International Council, 2011

PUBLICATIONS (PLEASE LIMIT TO 5 RECENT PUBLICATIONS)

Kennedy, C.A., J. Cuddihy, and J. Engel Yan, The changing metabolism of cities, *J. Industrial Ecology*, 11(2), 43- 59, 2007.

Kennedy, C., J. Steinberger, B. Gasson, T. Hillman, M. Havránek, Y. Hansen, D. Pataki, A. Phdungsilp, A. Ramaswami, G. Villalba Mendez, Greenhouse Gas Emissions from Global Cities, *Environmental Science and Technology*, 43, 7297-7302, 2009.

Kennedy, C.A., Pincetl, S., and P Bunje, The Study of Urban Metabolism and Its Applications to Urban Planning and Design, *Journal of Environmental Pollution*, 159 (8-9), 1965-1973, 2011.

Kennedy, C.A. *The Evolution of Great World Cities: Urban Wealth and Economic Growth*, University of Toronto Press, 242 pages, 2011.

Kennedy, C., and J. Corfee-Morlot, *Mobilising Investment in Low-Carbon, Climate-Resilient Infrastructure*, OECD working paper, 2012.

PROFESSIONAL ASSOCIATIONS (I.E. BOARD MEMBERSHIPS, PROFESSIONAL SOCIETIES, ETC)

Association of Professional Engineers of Ontario (1996-2012)

Canadian Society for Civil Engineering (2001-2010), Vice-chair Sustainable Development Committee.