



Job Profile Information

Organization	Institute of Water Policy Lee Kuan Yew School of Public Policy
Background of organization	The Lee Kuan Yew School of Public Policy was established in 2004 with the mission of educating and training the next generation of Asian policymakers and leaders. Its objectives are to raise the standards of governance throughout the region, improve the lives of the region's people and, in so doing, contribute to the transformation of Asia. Throughout Asia, the demand for a first-rate public policy education is growing. The School is thus in the right place at the right time. (Source: website)
Address	469C Bukit Timah Road Singapore 259772
Contact person	Please submit electronically to Bernard Tan . Questions about the position should be addressed to Bernard Tan as well. He will forward them to the appropriate individual for a response.
Contact phone, fax and/or email	bernard.tan@nus.edu.sg
Position title	Research Fellow (Systems Thinking for Public Policy)
Job location	Singapore
Position description	The position provides an excellent opportunity to contribute to cutting-edge research in the application of systems thinking and dynamic modeling of public policy, with an emphasis on urban development, particularly in Asia. The fellow is expected to play a key role in a project that will use System Dynamics modeling to learn from urban development success stories, especially Singapore. Drawing, in particular, on work of the Asian Development Bank, urbanization in Asia is seen as a <i>Yin Yang</i> dynamic. While urban growth and especially the growth of megacities is viewed as problematic, it is also in cities that the economic future of Asia will inevitably be shaped. Cities must, be the engines of economic growth, creativity innovation and revitalization if looming development challenges now on the horizon are to be dealt with effectively. The project's goal is to design development trajectories and public policies leading to urban communities that are beautiful, livable, sustainable, resilient and that interact symbiotically with their environments. In addition to

	<p>participating in the research program of the Institute, the fellow will also have some opportunity to pursue independent research so long as the contributions to knowledge and delivered outputs are of a high standard. The candidate will also be expected to participate in some of the teaching and outreach programs of the Institute in the area of system dynamics modeling.</p> <p>Curriculum vita and a one page professional resume. A response to all categories in Required Skills (see below) A 250 word note presenting your views on urban development issues and the role you would see yourself playing at the Lee Kuan Yew School.</p>
Required skills	<p>PhD in a relevant discipline with a strong background and competency in system dynamics; please provide <u>Thesis title, year degree awarded, institution, name of supervisor</u></p> <p>Evidence of skills in quantitative modeling, statistical/econometric analysis; please provide <u>courses attended and practical work</u></p> <p>Knowledge of range of policy areas disciplines (such as water, energy agriculture, environment, and macroeconomics); please provide <u>courses attended and practical work</u></p> <p>Broad understanding of public policy issues of one or more Asian economies and background. Background in urban development and environmental sustainability, with a particular emphasis on water resource management and policy will be a desirable qualification but is not absolutely essential; please provide <u>courses attended and practical work</u></p> <p>Publications in reputed journals; please provide <u>details of all publications 2006-2009</u></p> <p>Presentations at international conferences; please provide <u>details covering 2006-2009</u></p> <p>Experience in seeking and managing research grants; please provide <u>details</u></p> <p>Experience in research collaboration within/outside currently employed institution; please provide <u>details</u></p> <p>Excellent verbal, written, and interpersonal communication skills; <u>respond as you wish</u></p>

Desired Skills	<p>The successful candidate will be an accomplished researcher. He/She should have a strong background in systems thinking and system dynamics modeling. Added assets are experience with seeking and managing research grants, publications in peer-reviewed journals, and experience in research collaboration where currently employed.</p> <p>Also desirable is a high level of competency in one of the three following system dynamics modeling software: STELLA/iThink or Vensim or Powersim.</p>
Salary Range	<p>Compensation is negotiable and will be competitive, based on the candidate's qualifications, experience and track record. Housing and round-trip transportation to Singapore may be provided.</p> <p>The position will be full-time for 1 year, with possibility of renewal depending on the quality of work.</p>
URL to host organization	<p>http://www.spp.nus.edu.sg/home.aspx</p>