



MSc (Environmental Management) Programme

10TH ANNIVERSARY CONFERENCE

SUSTAINABLE ENVIRONMENTAL MANAGEMENT IN URBAN ASIA

15 & 16 December 2011, NUS Alumni House, Singapore



REGISTRATION FORM

Name _____	Company / Institution _____
Address _____	Phone _____
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City _____	Email _____
State / Province _____	_____
Country _____	Post Code _____

MEM Alumni* NUS Staff* Others* *Mark with X as appropriate

Items	Before 15 Oct 2011	On-Site or After 15 Oct 2011	TOTAL
Package A - Conference Only	SGD 500.00	SGD 600.00	
- Opening & Keynote Speech	USD 450.00	USD 500.00	
- Conference Proceedings			
- Coffee Breaks & Lunch			
Package B - Full Package	SGD 550.00	SGD 650.00	
- Opening & Keynote Speech	USD 475.00	USD 550.00	
- Conference Proceedings			
- Coffee Break & Lunch			
- Banquet Dinner			
Package C - MEM Alumni / NUS Staff	SGD 350.00	SGD 450.00	
- Opening & Keynote Speech	USD 300.00	USD 375.00	
- Conference Proceedings			
- Coffee Break & Lunch			
- Banquet Dinner			
Package D - Dinner only	SGD 80.00	SGD 80.00	
- Banquet Dinner	USD 70.00	USD 70.00	
Signature	Total Amount enclosed		
	US\$ / S\$ (Delete as appropriate)		
Date :			

<p>Refund Policy:</p> <p>If withdrawal notice is received before 15 Oct 2011, 80% of the amount paid will be refunded. Thereafter, no refunds will be allowed. However, replacement of delegate will be acceptable.</p>	<p>Note :</p> <p>1. Payment in S\$ or money order made payable to " National University of Singapore"</p> <p>2. Kindly mail the cheque or cash order with Registration Form to:</p> <p style="padding-left: 20px;">Ms Cardith Hung School of Design and Environment, National University of Singapore 4 Architecture Drive Singapore 117655</p> <p>3. For on-line registration and payment, please visit: www.mem.nus.edu.sg/conference</p>
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Organised by



NUS MEM Alumni

Supporting Organisations



Location of the Shaw Foundation Alumni House



15 & 16th December 2011
Shaw Foundation Alumni House
11 Kent Ridge Drive, Singapore 119244

www.mem.nus.edu.sg/conference

- Sustainable Governance in an Urban Environment
- Sustainable Waste Management in an Urban Environment
- Eco-Urban Settlements
- Corporate Social Responsibility
- Coastal Zone Management
- Environmental Challenges in Urban Asia
- Public Health in Urban Environments

SUSTAINABLE ENVIRONMENTAL MANAGEMENT IN URBAN ASIA

"SUSTAINABLE ENVIRONMENTAL MANAGEMENT IN URBAN ASIA"

The M.Sc. (Environmental Management) (MEM) programme, offered by the National University of Singapore (NUS) was launched in July 2001. In celebration of the programme's 10th Anniversary, a conference on the theme, "Sustainable Environmental Management in Urban Asia", will be held on 15-16 December 2011, at the Shaw Foundation Alumni House, NUS.

The Conference

A milestone was attained in 2007 in demographic history. The world became officially 'urban' – 50 percent of the global population was classified as living in urban areas. This is significant in two ways: firstly because of the speed at which urbanization has become the norm of living globally. The first cities in human history were only formed some 8,000 to 10,000 years ago and the first urban country, Britain, was a recent phenomenon in 1900. Secondly, the global population is expanding rapidly and this means a significant demographic shift. In 2011, the global population hit 7 billion, so over 3.5 billion people are now living in urban areas. By 2050, Asia is likely to have over 60 percent of its population living in cities. Asia will also have the largest number of megacities (over 10 million people) this century.

Asia's urban growth is a major challenge for governments planning their countries' development paths and national goals. A perennial question confronting policy makers, planners, government officials and political leaders is how to handle urban growth. Asia has some of the world's oldest cities hence the region has a long track record of continuous urban development. Can one derive lessons from Asia's urban past? And how shall Asia face its urban future?

This conference will provide an interdisciplinary and multidisciplinary perspective to the human-environment nexus in urban living in Asia. It will focus on some of the challenges before Asian governments in sustaining their urban nodes as creative assets rather than demographic liabilities. These include water sustainability; food security; addressing 'brown' issues (pollution control, waste management, industrial ecology), renewable energy; quality of living (housing, transport and urban infrastructure); preserving biodiversity; and provisions of adaptation and mitigation measures for climate change impacts. There has been a wide range of environmental policy and other state interventions to address these urban 'problems', including carbon taxes, polluter pay schemes, economic incentives, laws and their enforcement, and public environmental education. There have also been grounded and applied concepts of environmental cities and a critical evaluation can be made of their ability and effectiveness to solve current urban challenges in Asian contexts. This conference will offer the opportunity for existing policies, theories and plans on the management of the urban environment to be evaluated, and proposals for the future

examined.

The themes of the conference include:

- Sustainable Governance in an Urban Environment
- Sustainable Waste Management in an Urban Environment
- Eco-Urban Settlements
- Coastal Zone Management
- Public Health in Urban Environments
- Environmental Challenges in Urban Asia
- Corporate Social Responsibility in Asia.

M.Sc.(Environmental Management) [MEM] Programme

The MEM is a multi-disciplinary integrated programme, which provides education in environmental management to senior and mid-level managers and officers in corporations, institutions and government, and non-governmental organizations. The programme equips graduates with the necessary knowledge to properly manage the environment and to deal with the challenges of an environmentally conscious society and international market. It enables them to assume responsible and influential roles to make sound decisions that support sustainable development. The programme is jointly offered by seven faculties and schools in the NUS, demonstrating its broad-based approach to education in the field of the environment. These are: Faculty of Arts and Social Sciences; Faculty of Engineering; Faculty of Law; Faculty of Science; NUS Business School; Yong Loo Lin School of Medicine; and School of Design and Environment (host faculty). The programme has links with Yale University's School of Forestry and Environmental Studies, and Duke University's Nicholas School of the Environment and Earth Sciences.

The main component of the MEM programme is a group of seven Core Modules: Business and Environment; Environmental Economics and Public Policy; Environmental Law; Environmental Management and Assessment; Environmental Planning; Environmental Science; and Environmental Technology. Candidates must also complete either: (i) a Dissertation; or (ii) a Study Report and an Elective Module. The third component of the MEM programme is the Seminar Series. Candidates must attend a minimum of ten specially arranged seminars, and complete a report on the series.

The MEM programme can be undertaken either Full-Time or Part-Time. Full-time students can complete the programme in one academic year; and Part-time students can complete it in two academic years. The students of the MEM programme come from a variety of disciplines and from both the public and private sectors. They include architects, engineers, scientists, veterinary surgeons, lawyers, teachers, health workers, journalists, and forest and park managers. About half of each year's cohorts are Singaporeans, permanent residents or foreigners working in Singapore, while the rest are from abroad. The countries include: Bangladesh, China, India, Indonesia, Iran, Japan, Mauritius, Myanmar, Nepal, Norway, Pakistan, Sri Lanka, Thailand, United Kingdom, United States and Vietnam.

"SUSTAINABLE ENVIRONMENTAL MANAGEMENT IN URBAN ASIA" -

Thursday and Friday 15 & 16th December 2011

Venue - National University of Singapore (NUS) Alumni House Auditorium
Shaw Foundation Alumni House, 11 Kent Ridge Drive, Singapore 119244

Day 1 - Thursday 15 December 2011

Part I - Opening Ceremony and Keynote Speech

9.00 am - Welcome and Introduction to the MEM programme - Assoc Prof Lye Lin-Heng, Law Faculty, Chair, MEM Programme Management Committee

9.10 am to 9.20 am - Welcome from Prof Heng Chye Kiang, Dean, School of Design & Environment (SDE), NUS (Host Faculty for MEM programme)

9.20 am to 9.40 am - Opening by Guest of Honour, Mr Kamal Malhotra, UNDP representative for Singapore

9.40 am to 10.00 am -The Environment and Education, NUS Provost Prof Tan Eng Chye

9.50 am to 10.30 am - Keynote speaker Dr. Noleen Heyzer, Executive Secretary, Economic and Social Commission for Asia and the Pacific (ESCAP), United Nations

10.30 am to 11.00 am - Coffee break

Part II - Sustainable Governance in an Urban Environment

11.00 am to 11.25 am – Challenges of Sustainable Urban Development, by Mr Richard Hoo, Group Director, Urban Redevelopment Authority (URA) Singapore

11.25 am to 11.50 am - Asia Water Governance Index, by Assoc Prof Eduardo Araral, Institute of Water Policy, Lee Kuan Yew School of Public Policy NUS

11.50 am to 12.15 pm - Water Governance and Management in Singapore, by Mr Chew Men Leong, CEO, Public Utilities Board (PUB) , Singapore

12.15 pm to 12.30 pm - Panel Discussion / Q & A

12.30 pm to 2.00 pm- Lunch (at NUSS Guild House)

Part III- Sustainable Waste Management in an Urban Environment

2.00 pm to 2.25 pm - Waste Management in Korea, by Dr Kwang-Yim Kim, the Korean Environment Institute (KEI), Seoul, Korea

2.25 pm to 2.50 pm - Waste Management in Taiwan, by Dr Harvey Huong, Advisor, Environment Protection Administration, Taiwan

2.50 pm to 3.15 pm - Waste Management in Industrial Ecology, by Prof Marian Chertow, Yale University School of Forestry and Environmental Studies, USA

3.15 pm to 3.45 pm - Innovations in Waste Management, Cebu City, Philippines, by Ms Nida Cabrera, Councillor & Chair, Committee on Environment, Cebu City Council, Cebu City, Philippines

3.45 pm to 4.00 pm - Panel discussion / Q & A

4.00 pm to 4.30 pm - Coffee break

Part IV - Corporate Social Responsibility

4.30 pm to 4.50 pm - Corporate Social Responsibility, (Speaker from Shell Group of Companies in Singapore)

4.50 pm to 5.20 pm - Corporate Social Responsibility, by Mr Heinrich Jessen, CEO, Jebsen and Jessen (SEA), Singapore

5.20 pm to 5.40 pm - Corporate Social Responsibility (Speaker from City Developments, Singapore)

5.40 pm to 6.00 pm - Panel discussion / Q & A

6.00 pm to 7.00 pm - Cocktails

7.00 pm to 10.30 pm - Conference Dinner : Entertainment by alumni & friends

Guest Speaker - Prof Tommy Koh, Chair, MEM Programme Advisory Committee

Day 2 - Friday 16 December 2011

Part V - Eco-Urban Settlements

9.00 am to 9.20 am - The Cities Biodiversity Index, by Dr Lena Chan, National Parks Board, Singapore

9.20 am to 9.40 am - Planning for Eco-Cities (speaker from AECOM TBC)

9.40 am to 10.00 am - Smart Grid Technologies for Sustainable Cities - Implementation Potentials in the ASEAN Region, by Mr Anand Menon, Vice President, Head of Engg. & Technology, Energy Sector, ASEAN, Siemens, Singapore

10.00 am to 10.20 am - Rooftop and Vertical Greenery – Bringing Nature Back to Cities, by Ms G Kannagi, National Parks Board, Singapore

10.20 am to 10.40 am - Panel Discussion / Q & A

Part VI - Coastal Zone Management

11.00 am to 11.25 am - Sustainable Coastal Cities in an Era of Climate Change, by Prof Michael Orbach, Nicholas School of the Environment and Earth Sciences, Duke University, USA

11.25 am to 11.50 am - Sustainability through Integrated Coastal Zone Management, by Dr Chia Thia Eng, PEMSEA

11.50 am to 12.15 pm - Cleaning up Manila Bay, by Attorney Tony Oposa, recipient, Ramon Magsaysay Award, 2009, Philippines

12.15 pm to 12.30 pm - Panel discussion / Q & A

12.30 pm to 2.00 pm - Lunch (at NUSS Guild House)

Part VII - Environmental Challenges in Urban Asia

2.00 pm to 2.25 pm - Environmental Impact Assessments - The Hong Kong Experience, by Mr Wong Hon Meng, Principal Environmental Protection Officer, Environmental Assessment Division, EPD, HKSAR

2.25 pm to 2.50 pm - The Importance of EIAs in Optimising Land Use, by Dr Geh Min, former President, Nature Society Singapore

2.50 pm to 3.15 pm - Integrated approach for sustainability assessment and policymaking, by Dr Kua Harn Wei, NUS, Singapore

3.15 pm to 3.30 pm - Panel discussion / Q & A

3.30 pm to 4.00 pm - Coffee break

Part VIII- Public Health in Urban Environments

4.00 pm to 4.25 pm- Managing Infectious Diseases in an Urban Environment, by Prof Goh Kee Tai, Ministry of Health, Singapore

4.25 pm to 4.50 pm - Food Safety, by Ms Tan Poh Hong, CEO, Agri-Veterinary Authority, Singapore

4.50 pm to 5.15 pm - Environmental Management of Nano Materials, by Prof Ong Choon Nam, Head, NUS Environmental Research Institute (NERI), NUS, Singapore

5.15 pm to 5.30 pm - Panel discussion / Q & A

END OF CONFERENCE