

Prosperity within Global Limits: How to create dynamic and prosperous societies within planetary boundaries

The Singapore Sustainability Symposium (S³) will be held from 8-10 January 2014 (Wednesday to Friday) and will be small in size (100 to 120 participants), highly interactive, and high profile. This symposium is action-oriented, and designed to make visible impacts.

Within the context of a growing commitment in Singapore and Nanyang Technological University (NTU) to sustainability planning and policies that are transdisciplinary, transboundary, fully integrated, and forward looking, NTU's Sustainable Earth Office (SEO) is organising S³ (Singapore Sustainability Symposium) to commence a Singapore-based, international platform for sustainability thought leadership in research and innovative solutions. We have created an outline for a symposium to both initiate a process and produce outcomes to drive forward the conceptualisation and initiation of ideas, projects, and solutions to support and help frame sustainable prosperity. In fact, nobody yet knows how we're going to solve many of our biggest environmental and sustainability challenges. Being open to unconventional and surprising ideas are essential parts of our innovation strategy. Innovation is also about how to unleash more innovative economies, how to transform our societies with new technologies, and how to train more entrepreneurial students and citizens.

Moreover, and without losing the benefits and expertise of specialisation, we are initiating and facilitating a transdisciplinary dialogue because we understand that a broader collaborative process is essential. These days, questions like transportation, land use, water, planning and management, energy security, housing, and quality education seem to converge increasingly, and are more interdependent than ever before. This makes our timing critical, such that consideration of the full range of disciplinary inputs needs to occur at the beginning of the thought, planning, funding, investment, and constructing process, not as afterthoughts or add-ons.

Within this context, the symposium will also have a Singaporean flavour, including a special interest in the challenges faced by cities and urbanisation, and with S³ serving as a supporting resource for the Singapore World Cities Summit (WCS, to be next held June 2014). In fact, it would be a mistake not to draw with pride and enthusiasm from local talent and ideas in order for Singapore to become a global leader in developing modern and cutting-edge sustainability solutions that are as good as, and superior to, anything developed elsewhere in the world. As such, we propose to support S³ delegate participation in the WCS, and are developing a framework to encourage broader interest, collaborative possibilities, and potential funding opportunities by showcasing at WCS some of the best outcomes from S³.

In order to create an interactive and intense discussion process, S³ will operate over its two and a half days by focusing on discussion driven by a main table and supported by delegates from the surrounding tables. Specifically, each session will have an active Chair to preside over main table short presentations from several different disciplinary perspectives on the main conference themes: (1) innovation and technology; (2) incentives and disincentives; (3) governance, regulations, and legal frameworks. These presentations at the main table are designed to start a process, and a moderated discussion and debate will follow by including all delegates and by focusing on cross-cutting and multi-disciplinary issues and opportunities. The main table speakers will then rotate with each transition to the next theme. Finally, we will end with a half-day working session to focus the symposium discussions and ideas towards more concrete outcomes and actions.



S³ Singapore Sustainability Symposium

Raffles City Convention Centre, Singapore

8th -10th January 2014

EVENT PROGRAMME

Date: 8th January 2014, Wednesday

Venue: Stamford Ballroom

TIME	EVENT	SPEAKER / CHAIR	AFFILIATIONS
18:00 – 18:30	<u>Registration and Pre-event Drinks</u>		
18:30 – 20:30	<u>Kick-off and Reception</u>		
	Opening Remarks	Prof Alexander J.B. Zehnder	Member, Board of Trustees, Nanyang Technological University
	Welcome Address	Prof Bertil Andersson	President, Nanyang Technological University
	GOH Speech	Dr Vivian Balakrishnan	Minister for the Environment and Water Resources

Date: 9th January 2014, Thursday

Venue: Stamford Ballroom

TIME	EVENT	SPEAKER / CHAIR	AFFILIATIONS
08:00 – 08:30	<u>Morning Coffee</u>		
08:30 – 09:30	<u>Setting the Scene</u>	Choi Shing Kwok Kerry Sieh	Permanent Secretary (MEWR) Nanyang Technological University
09:30 – 10:00	<u>Coffee Break</u>		
10:00 – 12:30	<u>Block One: Innovation and Technology</u>	Chair: David Runnalls	Centre for International Governance Innovation
	Creating Livable and Sustainable Cities	Liu Thai Ker	Centre for Liveable Cities
	The 2000-Watt Society	Alexander J.B. Zehnder	Nanyang Technological University
	Urban Water Planning and Infrastructure	Tan Gee Paw	Public Utilities Board of Singapore
	Energy-Food-Water-Climate Nexus	Arunabha Ghosh	Council on Energy, Environment and Water, India
	Commercialisation and Technologies, Challenges and Opportunities	Subodh Mhaisalkar	Nanyang Technological University
12:30 – 14:00	<u>Lunch</u>		
14:00 – 16:30	<u>Block Two: Economics and Financial Incentives</u>	Chair: Donald Low How Tian	LKY School of Public Policy
	Subsidy Reform	Simon Upton	OECD Environment Directorate
	Banking, Finance and Sustainable Investing	Reto Ringger	Globalance Bank
	The Convergence of Environment and Finance: Air and Water as 21st Century Commodities	Richard Sandor	Environmental Financial Products
	Developing a Green Financial System	Simon Zadek	Global Green Growth Institute
	International Trade, Innovation and Opportunities	Ricardo Meléndez-Ortiz	International Centre for Trade and Sustainable Development
	Sustaining Economic Growth and the Environment	Euston Quah	Nanyang Technological University
17:30 – 18:30	<u>Pre-dinner Drinks</u>		

Venue: Atrium Ballroom

TIME	EVENT	DRESS CODE	
18:30 – 21:00	Symposium Dinner	Smart Casual	Symposium Participants only

Date: 10th January 2014, Friday

Venue: Stamford Ballroom

TIME	EVENT	SPEAKER / CHAIR	AFFILIATIONS
08:00 – 09:00	<u>Morning coffee</u>		
09:00 – 11:00	<u>Block Three: The Role of the Private Sector in Governing Sustainability</u>	Chair: Ann Florini	Singapore Management University
	Using the Future to Create the Present	Jonathon Porritt	Forum for the Future
	Sustainability and the Challenge for Place Management	Christer Asplund	Place Consulting
	International Cooperation	Pamela Mar	Fung Global Institute
11:00 – 11:30	<u>Coffee break</u>		
11:30 – 13:30	<u>Block Four: Sustainable Cities, Governance and Planning</u>	Chair: Khoo Teng Chye	Centre for Liveable Cities
	Complexity Science and Urban Scaling	Geoffrey West	Santa Fe Institute
	Economic Cooperation Driving Sustainability in India	Isher Judge Ahluwalia	Indian Council for Research on International Economic Cooperation (ICRIER)
	Governance and Ecosystem Services, Challenges and Opportunities with Asian Urbanisation	Thomas Elmqvist	Stockholm Resilience Centre
13:30 – 14:30	<u>Lunch</u>		
14:30 – 15:00	<u>Wrap-Up and Breakout Sessions</u>	David Runnalls	Centre for International Governance Innovation
15:00 – 16:30	<u>Block Five: Breakout Discussion</u>	SAB/SEO to facilitate	
16:30 – 17:00	<u>Coffee Break</u>		
17:00 – 17:45	<u>Concluding Remarks and Moving Forward</u>	Claude Martin	International University in Geneva
17:45 – 18:00	<u>Closing by Organising Chair</u>	Alexander J.B. Zehnder	Nanyang Technological University

Venue: Orchard Room

TIME	EVENT	DRESS CODE
18:00 – 19:30	<u>Networking & Cocktails</u>	

Scientific Advisory Board:

Alexander J.B. Zehnder (NTU, Board of Trustees, Chair Sustainable Earth Office)
Ann Florini (SMU, Professor of Public Policy; The Brookings Institution, Senior Fellow)
Claude Martin (International University in Geneva, Chancellor)
David Runnalls (Centre for International Governance Innovation, Ontario, Distinguished Fellow)
Geoffrey West (Santa Fe Institute, Science Board, Science Steering Committee)
Khoo Teng Chye (Centre for Liveable Cities, Singapore, Executive Director)
Shinan (石楠) (Urban Planning Society of China, Secretary General)
Simon Upton (OECD, Director of the Environment Directorate)

Local Organising Committee:

Alexander J.B. Zehnder (NTU, Board of Trustees; Chair, Sustainable Earth Office)
Joy Chua (NTU, Programme Director, Sustainable Earth Office)
William Henry Clune (NTU, Assistant Director, Sustainable Earth Office)

Organised and Sponsored by:

Nanyang Technological University

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Website: www.sustainapore.sg/events/s3.html

Registration Page: http://wis.ntu.edu.sg/pls/webexe/REGISTER_NTU.REGISTER?EVENT_ID=OA13081217312939

