

# Escaping Silos - SSEE 2011 International Conference

24 - 26 October 2011, Brisbane Convention and Exhibition Centre, Brisbane, Australia



http://www.ssee2011conference.com/

## DAY 1 - MONDAY 24 OCTOBER 2011

7:00	OPENING CEREMONY BREAKFAST (M4) <i>Sponsored by Origin</i>			
9:00	KEYNOTE SPEAKER (M3) <u>Annie Leonard, Author of <i>The Story of Stuff</i>, United States</u>			
10:15	Conference Sustainability, Lara Harland, SSEE Conference Committee (M3)			
10:45	Morning Tea (Mezzanine Foyer)			
	<b>Integrated Solutions (M3) - Sponsored by GHD</b>	<b>Socio-Economic Context (M1)</b>	<b>Education (M2)</b>	<b>Overcoming Resistance (M4)</b>
11:05	31 <a href="#">Do YOUR Boots Getting Muddy?</a> Mr Glenn A Hedges, Thiess Pty Ltd	45 <a href="#">Embedding sustainability targets in public transport construction</a> Mr Fil Cerone	27 <a href="#">Sustainable Engineering and Curriculum Design in Undergraduate Engineering Education</a> Mr Simon W Cavenett, Deakin University	75 Workshop: <b>Awaking the Dreamer</b> Mr Deane Belfield, ECO2Sys
11:30	35 <a href="#">Measuring Sustainable Communities</a> Mr David K Fox, AECOM	23 <a href="#">Sustainability in the Construction Industry: Waste management in regional areas</a> Ms Pamela Tummers, Bechtel Australia	21 <a href="#">Implementation of industry sustainability metrics in a final year undergraduate design project</a> A/Prof Margaret C Jollands, RMIT University	
11:55	76 <a href="#">Breaking down silos: Sustainable greenfields development</a> Mr Michael Kane, ULDA	4 <a href="#">Understanding and Modelling Sustainable Behaviour in Office Environments: A Case Study on Corporate Express</a> Ms Ezgi Erdogan Yilmaz, University of New South Wales	13 <a href="#">Engineering Professional Performance to meet Community Expectations</a> Mr Ian Dart, Warren Centre for Advanced Engineering	
12:20	Lunch and Poster Viewing (Mezzanine Foyer) SSEE AGM			
13:20	PLENARY SPEAKER (M3) <u>Carol Boyle, Director, International Centre for Sustainability Engineering and Research, University of Auckland</u>			
	<b>Integrated Solutions (M3)</b>	<b>Socio-Economic Context (M1)</b>	<b>Education (M2)</b>	<b>Overcoming Resistance (M4)</b>
13:50	14 <a href="#">Improving Sustainable Outcomes In Major Projects</a> Mr Casey de Pereira, KBR	37 <a href="#">Beyond tree-planting: Corporate Social Responsibility in Rural and Regional Australia</a> Mr William J Fraser, Aquafocus	61 <a href="#">Environmental Engineering at Monash University: History, Status and Sustainability in Engineering Education</a> Dr Gavin Mudd, Monash University	<a href="#">Workshop: Code Red - A call to action</a> <u>Mr Steve Posselt</u>
14: 15	41 <a href="#">Collaboration between designer and technologist</a> Mr Ian G Jones, FIEAust	33 <a href="#">Finite fossil fuel resources as an upper constraint to global warming impacts</a> Dr James D Ward, SA Water Centre for Water Management and Reuse / School of Natural and Built Environments, University of South	18 <a href="#">Emerging Environmental Innovations in Infrastructure</a> Mr Glenn A Hedges, Thiess	
14: 40	77 <a href="#">Benefits of an Integrated design and approvals approach</a> Mr David Gamble, GHD		24 <a href="#">Environmental Sustainability Education – towards a minimum</a> Dr Ian Craig, University of Southern Queensland	
15:05	Afternoon Tea (Mezzanine Foyer)			
15:25	<u>Day 1 Question and Answer Panel Discussion (M3)</u> <i>Silos! What silos?</i>			
16:55	Close of Day One Proceedings			
19:00	Pre-Dinner Drinks (M4 Foyer)			
19:30	CONFERENCE GALA DINNER (M4) <u>Ms Amanda McKenzie, Australian Youth Climate Coalition</u> <i>Entertainment provided by My Cerulean Heart</i>			

# DAY 2 - TUESDAY 25 OCTOBER 2011

## KEYNOTE SPEAKER (M3)

[Paul Gilding, Author of \*The Great Disruption\*, Australia](#)

8:30

	Integrated Solutions (M3)	Leadership (M1)	Education (M2)	
9:00	56 <a href="#">Environmental advantages of a planning led alliance</a> Ms Tanya Reedman	47 <a href="#">Are We Meeting Our Moral Obligations?</a> Mr Errol K George, LinkWater	66 <a href="#">Dealing with a time imperative and uncertainty, in going beyond 'business as usual'</a> Dr Cheryl Desha, Queensland University of Technology	
9:25	43 <a href="#">Integrated Reporting - emerging global best practice in TBL reporting</a> Mr Hugh F Grant, Net Balance	36 <a href="#">Collaborative change in the property industry</a> Dr Anne L Kovachevich, Cundall	78 <a href="#">What is co-knowledge and why should engineers be interested?</a> Dr Helen Fairweather, University of Sunshine Coast	
9:50	1 <a href="#">A Safety and Mission Critical Systems Approach to Global Sustainability</a> Mr Andrew Wilford, Bond University	54 How change will happen: a short history of human sustainability for engineers Mr Richard Cassels	6 <a href="#">The impact of professional silos on sustainable housing outcomes</a> Ms Wendy F Miller, Queensland University of Technology	

10:15

Morning Tea (Mezzanine Foyer)

	Integrated Solutions (M3)	Overcoming Resistance (M1)	Integrated Solutions (M2)	Leadership (M4)
10:35	12 <a href="#">Is it safe to cross the road? Roads Connecting Queensland...and its Habitat</a> Miss Susan N Scott, Department of Transport and Main Roads	26 <a href="#">Experience with AGIC Quick Check – first steps in applying sustainability rating to Australian infrastructure</a> Mr Scott P Losee, AECOM Australia Pty Ltd	46 <a href="#">Facilitating Sustainable Planning Decisions in an Alliance Environment</a> Mr Kirby Morrison, Hunter Water Corporation	9 <a href="#">Workshop: Creating Change that Sticks! - Sustainable Change</a> <a href="#">Ms Alexandra L Meldrum, AGSM / UNSW</a>
11:00	28 <a href="#">Solar thermal energy alternatives and their application to water heating and air cooling in the meat processing industry</a> Mr Steven C Goh, and Dr Ian Craig, University of Southern Queensland	44 <a href="#">Models and metaphors in overcoming resistance to Climate Change science</a> Dr Karey L Harrison, University of Southern Queensland	67 A national Sustainability rating system for Business. Mr Deane Belfield, ECO2Sys	
11:25	50 <a href="#">Solutions that Integrate: re-invigorating the potential of silos</a> Ms Jenni Goricanec	79 <a href="#">Effective countering of climate misinformation</a> Mr John Cook, University of Queensland Global Change Institute	80 <a href="#">Engineering and management barriers to implementing sustainability / water management in the mining industry</a> Ms Nadja Kunz, Centre for Water in the Minerals Industry	

11:50

Lunch and Poster Viewing (Mezzanine Foyer)

12:50

## Plenary Speaker (M3)

[Krista Milne, Manager of Sustainability, City of Melbourne, Australia](#)

	Integrated Solutions (M3)		Integrated Solutions (M2)	Leadership (M4)
13:20	16 <a href="#">Springvale Road Rail Alliance Sustainability Reporting</a> Mr Ross Wissing, and Ms Melissa Griffith, Kellogg Brown and Root Pty Ltd		25 <a href="#">Sustainable Roads – an Achievable Goal?</a> Dr David S Thorpe, University of Southern Queensland	42 <a href="#">Workshop: Global Green Energy Hub</a> <a href="#">Mr Colman Ridge, Director Greenfest and Director Colman Ridge Presents, Australia</a>
13:45	19 <a href="#">A Sustainable Decision Framework for Maintaining Engagement Between Corporations and Community</a> Mr Fadi Kotob, Working 4 A Sustainable Future		68 <a href="#">Rapid estimation of rainwater yield throughout Australia and review of Queensland rainwater harvesting operating policy</a> SSEE 2010 National Student Award Winner Benjamin Taylor, University of Southern Queensland	
14:10	20 <a href="#">A Numerical Methodology based on the Triple Bottom Line Approach (the power of measurement)</a> Miss Jessica L A Holz, Multitech Solutions Pty Ltd		81 <a href="#">Evaluating the Factors Affecting Corrosion in Drinking Water Distribution Systems</a> Jonathan Ham, James Cook University 2011 SSEE National Student Award Winner	

14:35

Afternoon Tea (Mezzanine Foyer)

14:55

## Day 2 Question and Answer Panel Discussion (M3)

*Which way out?*

16:25

## Closing Ceremony - The voice of Our Future Generation (M3)

17:00

Close of Day Two and Conference

# DAY 3 - POST CONFERENCE WORKSHOPS - WEDNESDAY 26 OCTOBER 2011

9:00	<a href="#">AGIC WORKSHOP</a> Facilitators: David Hood, Rick walters & Tony Stapledon	<a href="#">SSEE Sustainability Assessment Training</a> Facilitator: Vikki Uhlumann	<b>Corporate Sustainability WORKSHOP</b> Facilitator to be confirmed
12:30	Lunch		
13:30	<b>AGIC WORKSHOP</b> (continued)	<b>SSEE Sustainability Assessment Training</b> (continued)	<b>Carbon Markets WORKSHOP</b> Facilitator to be confirmed

Close of Post-Conference Workshops