



# WORLD RESOURCES FORUM ASIA PACIFIC

1-3 JUNE 2015 SYDNEY AUSTRALIA

International Sustainability Symposium  
UNSW Australia

World Resources Forum  
Asia-Pacific  
University of Technology  
Sydney

**MONDAY 1 JUNE 2015 — RESOURCE PRODUCTIVITY IN THE ASIA-PACIFIC @ UTS AERIAL FUNCTION CENTRE** LEVEL 7 BUILDING 10, 235 JONES ST ULTIMO

**Registration** 8.15am–8.45am

**Welcome Remarks** 8.45am–9.15am

Co-chairs: A/Prof Damien Giurco, Institute for Sustainable Futures, UTS and Prof. Veena Sahajwalla, Director, SMaRT@UNSW

- Prof Attila Brungs, Vice-Chancellor and President UTS ; Aunty Joan Tranter, UTS Elder in Residence, Acknowledgement of Country
- Bas de Leeuw, Managing Director, World Resources Forum, Switzerland
- Prof Mary O’Kane, NSW Chief Scientist and Engineer

**Keynote Session: The Resource Revolution** 9.15am–10.15am

1. Dr Alex Wonhas Executive Director Energy and Resources CSIRO
2. Prof Masamichi Yoshimura, Toyota Technological Institute, Japan

Morning Tea 10.15am–10.45am

**Keynote Session: Trends in Australia and the Asia-Pacific** 10.45am–12.00pm

3. Janet Salem, UNEP Regional Office for Asia and the Pacific
4. Panel discussion followed by overview of Interactive Workshops and Presentations: Chair of Scientific Committee, Dr Heinz Schandl, CSIRO

Lunch 12.00pm–12.45pm

WATTLE ROOM	THOMAS ROOM	BROADWAY ROOM	JONES ROOM
<p><b>Dimensions of Resource Productivity</b> Dr Ruth Lane, Monash University Dr Glen Corder, University of Queensland Mathias Schluep, World Resources Forum, Switzerland A/Prof Akbar Rhamdhani, Swinburne University of Technology Mark Jackson, A.Prince Consulting Nyoman Puspa, WR. Supratman University, Indonesia</p>	<p><b>Industrial Symbiosis in the Asia-Pacific</b> <i>Workshop in partnership with CSIRO and the Australasian Industry Ecology Network</i>  Chair: Sarah King, CSIRO Manufacturing Flagship • Robin Branson, Director, Qubator • Colin Barker, Australasian Industrial Ecology Network • Dick van Beers, Sustainability Engineer, Germany</p>	<p><b>Zero Waste and Community Benefits</b> <i>Workshop in partnership with Zero Waste International Alliance</i>  Chair: Gerry Gillespie, Resource Recovery Australia • Rick Anthony, Zero Waste International Alliance, USA • Colleen Foster, City of Oceanside, California • Dale Selvam, Alguita</p>	<p><b>Business Models for a Circular World</b> <i>Workshop in partnership with UTS business and Industry leaders</i>  Chair: Melissa Edwards, UTS Business School • James Moody, CEO Sendle • Jason Graham-Nye, g-Diapers • Monique Retamal, Australian National University • Dr Sam Sharpe, Institute for Sustainable Futures • Candice Quartermain, Circular Economy Aus.</p>

Afternoon Tea 2.15pm–2.45pm

<p><b>Transition Pathways (I)</b> Dr Longlong Tang, NIES Japan A/Prof Kazuyo Matsubae, Tohoku University Japan Dr Thon Weinbruch Ruhr-University Bochum Germany Dr Xuan Zhu, Monash University Tim Werner, Monash University Simon Wright, Institute for Sustainable Futures, UTS</p>	<p><b>What does the goal of ‘regenerative’ development mean for building materials?</b> <i>Workshop in partnership with Institute for Sustainable Futures</i> Chairs: Caitlin McGee and Kerryn Wilmot, Institute for Sustainable Futures, UTS • Andy Marlow, Enviroecture • Steve Morris, Close the Loop • David Baggs, Global Green Tag • Redmond Lloyd, Boral Concrete • Scott Clarkson, CSR Innovation</p>	<p><b>Resourcing Future Generations: What will surprise us?</b> <i>Workshop in partnership CSIRO</i>  Chair: Anna Littleboy, CSIRO • Saleem Ali, Director, University of Queensland • Ben McLellan, Kyoto University • John Finnigan, CSIRO • Stephen Hatfield Dodds, CSIRO</p>	<p><b>Is Australia ready for the circular economy?</b> <i>Workshop in partnership with Sustainable Business Australia</i> Chair: Andrew Petersen, SBA • Ralph Jorissen, Tarkett Australasia • Kari Herlvei, SITRA Finnish Innovation Fund • Rhys Huett, Fuji Xerox • Rob Pascoe, Closed Loop • David Singh, ReGroup • Alice Cahill, NSW OEH • Suzanne Benn, UTS Business School</p>
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Walk to Darling Harbour to board Vivid Lights Harbour Cruise 4.15pm Set said and enjoy the views of Sydney Harbour illuminated by the Vivid Festival of Lights 5.00pm sharp  
Forum Dinner at Luna Park **Dinner Speaker: Dr James Moody, Founder and CEO of TuShare and Sendle** 6.30pm

**Keynote Session: Transition Pathways** 8.30am–10.30am

1. Reinhard Kaiser, Head of Ecological Resource Efficiency, Soil Conservation at German Federal Ministry for the Environment
2. Christine Gibbs Stewart, Chief Executive Officer, Austmine
3. Prof Markus Reuter, Chief Technologist, Outotec, Finland
4. Pauline Gregg, General Manager – Environment, Telstra
5. Damien Giurco, Research Director, Institute for Sustainable Futures UTS – Launch of an Action Agenda for the Circular Economy

**Panel Discussion** including presenters and Stan Krpan, CEO Sustainability Victoria and Geoff Brooks, Pro-Vice Chancellor (Future Manufacturing) Swinburne University of Technology

Morning Tea **10.30am–11.00am**

WATTLE ROOM	THOMAS ROOM	BROADWAY ROOM	JONES ROOM
<p><b>Transition Pathways (II)</b>                      Prof Yasushi Kondo, <i>Waseda University, Japan</i>                      A/Prof Eiji Yamasue, <i>Kyoto University Japan</i>                      Dr Keisuke Nansai, <i>NIES Japan</i>                      Dr Kenichi Nakajima, <i>NIES Japan</i>                      A/Prof Ben McLellan, <i>Kyoto University Japan</i>                      Ric Anthony, <i>ZWIA, USA</i></p>	<p><b>Investment Decision Making for an Energy Productive Australia</b>  <i>Workshop in partnership with the Australian Alliance to Save Energy</i></p> <p>Chair: Tony Westmore</p> <ul style="list-style-type: none"> <li>• Graham Bryant, National Env Manager, Simplot</li> <li>• Mary Stewart, General Manager, Energetics</li> <li>• Mike Smith, Research Fellow, ANU</li> <li>• Dick van Beers, Sustainability Engineer, Germany</li> <li>• Anita Stadler, A2SE</li> </ul>	<p><b>De-growth</b>  <i>Workshop in partnership with Centre for the Advancement of the Steady State Economy</i></p> <p>Chair: Anna Schlunke, CASSE</p> <ul style="list-style-type: none"> <li>• Robert Perey, UTS Business</li> <li>• Haydn Washington, Institute for Environmental Studies UNSW</li> </ul>	<p><b>Wealth from Waste: Transition Pathways for unlocking the Value of Urban Ores</b>  <i>Workshop in partnership with the Wealth from Waste Cluster</i></p> <p>Chair: Mel Jackson, ISF</p> <ul style="list-style-type: none"> <li>• Anna Littleboy, CSIRO</li> <li>• Damien Giurco / Samantha Sharpe, UTS</li> <li>• Ruth Lane, Monash University</li> <li>• Akbar Rhamdhani, Swinburne University of Tech.</li> <li>• Glen Corder, University of Queensland</li> </ul>

Lunch **12.30pm–1.30pm**

<p><b>Radical Innovations</b>                      Dr Zhongguang Ji, <i>Chinese Academy of Sciences, China</i>                      Eleonore Lebre, <i>University of Queensland</i>                      Sazzad Ahmad, <i>Swinburne University of Technology</i>                      Muhamad Firdaus, <i>Swinburne University of Technology</i>                      Hossaini Shuva, <i>Swinburne University of Technology</i>                      Amy Quinton, <i>University of Queensland</i></p>	<p><b>Future Metals</b>  <i>Workshop in partnership with WWF</i></p> <p>Chair: Toby Gray, WWF</p> <ul style="list-style-type: none"> <li>• Ross Davies, Steel Stewardship Forum &amp; Bluescope Steel</li> <li>• Fiona Solomon CEO, Aluminium Stewardship Initiative</li> <li>• Mark Cooksey, CSIRO</li> </ul>	<p><b>Transition Pathways for Carbon-Based Energy and Materials</b>  <i>Workshop in partnership with The University of Sydney</i></p> <p>Chairs: Nick Florin, Institute for Sustainable Futures, Ali Abbas, University of Sydney</p> <ul style="list-style-type: none"> <li>• James Goodman, UTS (The Coal Rush and Beyond)</li> <li>• Geoff Bell, Microbiogen</li> <li>• Mark Glover, Eco Waste &amp; Renewed Carbon</li> <li>• Andrew Lawson, MBD Energy</li> </ul>	<p><b>The Case for Material Efficiency</b>  <i>Workshop in partnership with Sustainability Victoria and NSW OEH</i></p> <p>Chair: Yolanda Sztarr Sustainability Victoria,</p> <ul style="list-style-type: none"> <li>• Gary Foster, Associate Director Edge Environment</li> <li>• Rod Clare, NSW Office of Environment and Heritage</li> </ul>
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Afternoon Tea **3.00pm–3.30pm**

<p><b>High impact student ideas</b></p> <p>Come along to hear rapid-fire insights from the latest thinking on resource innovation by tomorrow's research leaders                      Organised by Simon Wright, ISF</p>	<p><b>Resource Governance, Geopolitics &amp; Social Responsibility: the case of Phosphorus</b>  <i>Workshop in partnership with the Institute for Sustainable Futures</i></p> <p>Chair: Prof Stuart White, ISF</p> <ul style="list-style-type: none"> <li>• Richard Boele, Banarra and UN Global Compact Network Australia</li> <li>• Jemima Garrett, ABC Radio Australia</li> <li>• Dana Cordell, ISF</li> </ul>	<p><b>New Business Models in Waste with the Rise of Social Enterprise</b>  <i>Workshop in partnership with Resource Recovery Australia</i></p> <p>Chair: John Weate, Resource Recovery Australia and CEO of Great Lakes Community Resources</p> <ul style="list-style-type: none"> <li>• Jess Moore, Manager, Green Connect</li> <li>• Bill Dibley, NSW Operations Manager, Soft Landing</li> <li>• Ruth Lane, Monash University</li> </ul>	<p><b>Circular Thinking</b>  <i>Workshop in partnership with NSW OEH</i></p> <p>Chair: Jo Cooper, Sustainability Advantage</p> <ul style="list-style-type: none"> <li>• Richard Wilson, Sustainability Manager, IKEA</li> <li>• Justin Merrell, Group Env. Manager, Qantas</li> <li>• Derek Lath, Inst. Affairs Director, Ferrero</li> <li>• Nick Palousis, Founder &amp; CEO, 2XE</li> <li>• Dylan Gower, CleanCowra</li> </ul>
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**5.00pm Informal Networking Drinks at Penny Lane, UTS (enter via laneway with green wall between Building 10 and Building 11)**

**WEDNESDAY 3 JUNE 2015 — INTERNATIONAL SUSTAINABILITY SYMPOSIUM @ AUSTRALIAN NATIONAL MARITIME MUSEUM** 2 MURRAY STREET, SYDNEY

Arrival Coffee from 8.30am

**International Sustainability Symposium Keynotes** 9.00am–10.15am

**Session Chairs:** Angelos Frangopoulos, CEO Sky News; Stephen Beaman, Director Resource Recovery Branch, EPA NSW; and Professor Veena Sahajwalla, Director, SMaRT@UNSW

1. Dr. Fiona Cameron, Executive Director, Australian Research Council
2. Steve Mouzakis, National Energy & Sustainability Manager, Brickworks
3. John Barbagallo, Chief Executive of Arrium Mining Consumables

Morning Tea 10.20pm–11.00pm

**Session Chairs:** Steve Mouzakis, Brickworks and John Barbagallo, Arrium Mining Consumables 10.45am–1.00pm

- Keynote: Johan Eriksson, Swerea Mefos AB, Sweden
  - Dr James Tickner, CSIRO, Australia
  - Paul O’Kane, OneSteel, Australia
  - Dr Ivan Cole, CSIRO, Australia
  - Dr S.C. Roy, Indian Institute of Technology Madras, India
  - Russ Martin, CEO Global Product Stewardship Council
- Questions & Discussion

Lunch 1.15pm–2.15pm

**Session Chairs:** Prof Paul Munroe, Head, School of MSE, UNSW and Daniel Miles, OneSteel 2.00pm–4.15pm

- Dr Yuta Nishina, Okayama University, Japan
- Dr Gemma Rius, Nagoya Institute of Technology, Japan
- Professor K.P. Singh, GB Pant University, India
- Dr Hewitt Park, South Korea
- Dr Rian Dippenaar, University of Wollongong
- Dr Aditya Rawal, UNSW and Mark Wainwright, Analytical Centre

Afternoon Tea 4.30pm–4.50pm

**Building momentum through collaboration: where to from here?** 4.50pm–5.30pm

**Session Chairs:** Professor Veena Sahajwalla and Associate Professor Damien Giurco

• **Panel Discussion**

*Bas de Leeuw, World Resources Forum; Daniel Miles, OneSteel; Anna Littleboy, CSIRO; Grant Musgrove ACOR; Tristram Travers, AusIndustry; Stephen Beaman, NSW EPA*

**5.30pm Conference Close and Networking Drinks at Australian National Maritime Museum**

