



# Integrated Sustainability Analysis Newsletter Issue 10/Q3



[ISA Activity](#)  
[Education and Training](#)  
[Consulting](#)  
[News on ISA Tools ...](#)  
[Publications](#)

[Conferences](#)  
[Calculators using ISA Research](#)  
[Your Feedback](#)

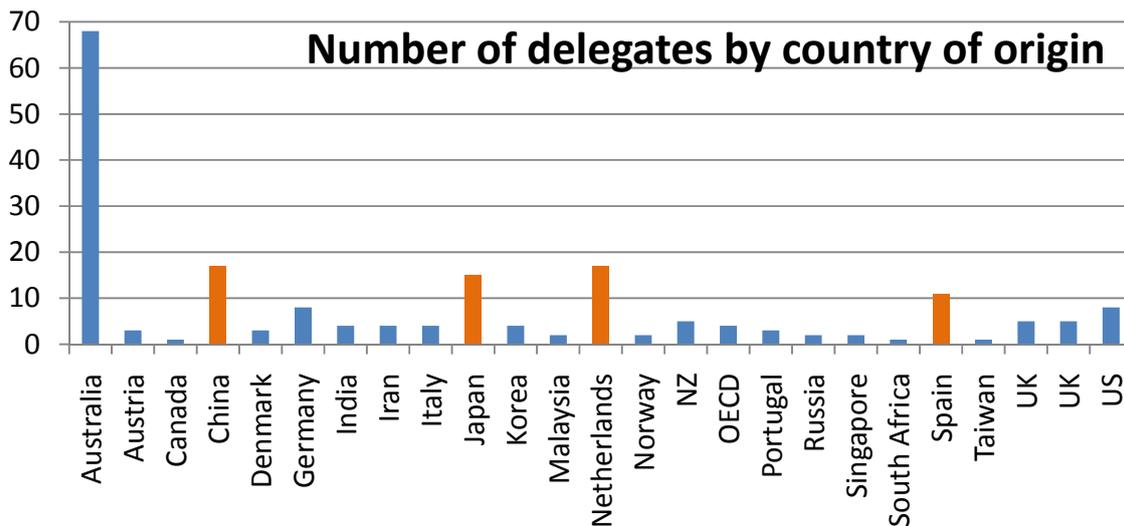
## ^ Latest ISA Activity

### Eureka Awards!

ISA was a finalist in the “Oscars of Australian Science” otherwise known as the Eureka Awards, see <http://eureka.australianmuseum.net.au/40304640-599C-11DF-A6AE005056B06558?DISPLAYENTRY=true>

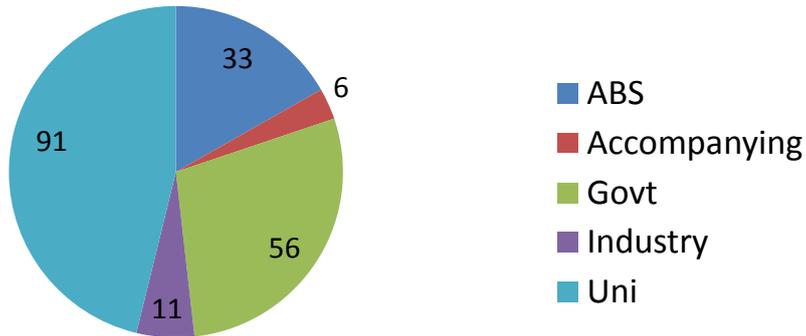
### 18th International Input-Output Conference

The 18th International Conference on Input-Output Economics was hosted by ISA in the School of Physics at the University of Sydney from 20-25th June. There were 197 attendees from 24 countries, including 18 delegates from China and 15 from Japan.



The Australian Bureau of Statistics sent along a group of 33 delegates; 56 came from Australian and overseas government departments; 11 from industry; and 91 delegates came from Universities around the world.

## Delegates by type



The Conference theme was *Re-thinking economic growth towards sustainability and wellbeing*. The theme reflects a major challenge of our time: how to avert dangerous environmental change while being able to ensure the wellbeing of the world's people.

Use of input-output techniques, in particular environmental applications of input-output models, has increased in popularity in recent years. The challenge for the input-output community has been to make these tools available and accessible to non-experts.

The conference addressed this challenge by providing learning opportunities for all participants. The strengths of input-output techniques were demonstrated and conference sessions explored how input-output economics can address some of the seemingly entrenched sustainability analysis problems of our time.

The conference organizers would like to thank the volunteers and sponsors without whom this conference would not have been possible:



For more information see [http://www.isa.org.usyd.edu.au/io\\_2010/index.html](http://www.isa.org.usyd.edu.au/io_2010/index.html)

## [^ Education and Training](#)

### ISA Units of Study at the University of Sydney offered Semester 1, 2011

ISA Units are available as electives in the Master of Sustainability (MSust) Grad Cert and Grad Dip Sustainability which commenced in Semester 1, 2011. For details please see ...

Units of Study can be found by at:

[https://ssa.usyd.edu.au/ssa/handbook/uoslist.jsp?searchtype=S&page=1&academic\\_year=2010&sessionid=none&alpha=PHYS&digit=503&name=none&degreeid=0&facalias=none&rows=100](https://ssa.usyd.edu.au/ssa/handbook/uoslist.jsp?searchtype=S&page=1&academic_year=2010&sessionid=none&alpha=PHYS&digit=503&name=none&degreeid=0&facalias=none&rows=100)

The Master of Sustainability program can be found at:

[http://www.science.usyd.edu.au/fstudent/postgrad/coursework/pgc\\_sustainability.shtml](http://www.science.usyd.edu.au/fstudent/postgrad/coursework/pgc_sustainability.shtml)

If you would like further information please call Joy Murray on +61 (0)2 9351 2627 Wednesdays – Fridays.

### ISA TBL Refresher 26<sup>th</sup> October 2010

**There will be a free afternoon catch-up and demonstration session on Tuesday 26<sup>th</sup> October for all who have previously attended an ISA TBL workshop and would like to learn about the current ISA tools. Booking is essential, please call +61 (0)2 9351 2627 or email [joy.murray@sydney.edu.au](mailto:joy.murray@sydney.edu.au)**

### ISA TBL Workshops 12<sup>th</sup> & 19<sup>th</sup> November 2010

ISA's TBL workshops will resume in November 2010, with the first two-day course taking place on Friday 12<sup>th</sup> and Friday 19<sup>th</sup> November. These workshops focus on the team's full supply chain TBL and Footprint accounting methodology. They also provide an introduction to Environmentally Extended Input Output Analysis (EEIOA) and show how IOA fits together with LCA.

For details about our workshops please visit: [Course Details](#).

Alternatively, ISA offers on-site and/or customised courses. For more information please contact Joy Murray on +61 2 9351 2627

For more information please contact Joy Murray by email at [joy.murray@sydney.edu.au](mailto:joy.murray@sydney.edu.au)

## [^ Consulting](#)

Our aim is to continuously develop and improve in a multi- and inter-disciplinary way scientifically rigorous, quantitative, consistent and comprehensive approaches for Integrated Sustainability Analysis.

If you would like to know more about our consultancy services please contact us via email [isa@physics.usyd.edu.au](mailto:isa@physics.usyd.edu.au) or call Chris Dey (Tues-Fri) on +61 (0)2 9351 5979 hours 9:00 – 17:00 EST.

## [^ ISA Software Update](#)

ISA has developed a new Excel-based software tool that will be available as an interim replacement for BL<sup>3</sup>. We are offering an afternoon catch-up session for anyone who has previously undertaken BL<sup>3</sup> training and would like to know more (see Education and Training above).

## [^ Publications](#)

### **Book Launch: *The Sustainability Practitioner's Guide to Input-Output Analysis***

As part of ISA's contribution to the building of input-output expertise throughout the wider community, a new book aimed for the general reader was launched at the Input-Output Conference in Sydney on 25<sup>th</sup> June.

*The Sustainability Practitioner's Guide to Input-Output Analysis*, published by Common Ground, includes chapters written by experts from Japan, New Zealand, UK, Europe and USA as well as Australia. It provides an introduction to input-output analysis, case studies of its use around the world and a collection of tools that are available to help the practitioner. It is designed for those with knowledge about the sustainability dilemmas we face but who are unsure about the *how* of measuring our impacts, tracking our progress and informing the decisions for a sustainable future.

The book was on sale at the IO conference with a 25% discount. A few conference copies remain and can be purchased from ISA for \$27.50 (excluding postage and packaging) **call** 9351 2627 or email [joy.murray@sydney.edu.au](mailto:joy.murray@sydney.edu.au)

For more information see publisher's website at <http://onsustainability.com/books/bookstore/>

### **New ISA Information Sheet (collaboration with CenSA UK):**

Calculating Scope 3 GHG Emissions Using Optimum Hybrid Analysis (OHA). See [http://www.isa.org.usyd.edu.au/research/InformationSheets/ISATBLInfo20\\_new.pdf](http://www.isa.org.usyd.edu.au/research/InformationSheets/ISATBLInfo20_new.pdf)

### **Other recent publications include:**

Baboulet, O. & Lenzen, M. (2010). Evaluating the environmental performance of a university. *Journal of Cleaner Production*, **18**, 1134-1141.

Lenzen, M. & Murray, J. (2010). Accounting for Carbon Flows: Comparing the principles of UNFCCC and the SEEA. *Society and Natural Resources* (in press)

Lenzen M and Peters G. (2010). How city dwellers affect their resource hinterland – a spatial impact study of Australian households, *Journal of Industrial Ecology*, **14**(1), 73-90.

ISA Report: *Forest Carbon – ownable financial product or global common good?*  
<http://www.isa.org.usyd.edu.au/publications/reports.shtml>

## [^ Who's using ISA research?](#)

ISA models and results underpin many environmental calculators, website content, reports and other research:

- \* [ACF Consumption Atlas](#)
- \* [ACF Green Home](#)
- \* [ninemsn eco-footprint calculator](http://greengeneration.ninemsn.com.au/green/measure/footprint/) <http://greengeneration.ninemsn.com.au/green/measure/footprint/>
- \* [Energy Australia's Carbon Emissions and You](#)



[^](#) This email newsletter is produced by the Integrated Sustainability Analysis Group at the University of Sydney, Australia. You have received this copy because you have expressed an interest in our services or because your work is in a similar area. Please feel free to forward this email to anyone who might be interested. ☺ To [SUBSCRIBE](#) to the e-newsletter send a message to the address below with SUBSCRIBE in the subject to the email address below (see our [privacy policy](#)). To [UNSUBSCRIBE](#) email with UNSUBSCRIBE in the subject. Please email [isa@physics.usyd.edu.au](mailto:isa@physics.usyd.edu.au) with any feedback you may have.