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# ISIE News



## *ISIE and IE News*



*Attendees at the 2010 Gordon Research Conference on Industrial Ecology, held at Colby Sawyer College in New Hampshire, USA*

### **2010 Gordon Research Conference on Industrial Ecology** *The Biggest Yet!*

**Reid Lifset** ([reid\\_lifset@yale.edu](mailto:reid_lifset@yale.edu))

The 2010 Gordon Research Conference (GRC) on Industrial Ecology drew more participants than any of the previous IE GRCs with 155 people from 6 continents in attendance for the 11-16 July meeting. The theme was “Industrial Ecology: From Analysis to Design” and the sessions examined environmental challenges and remedies at various scales through the lens of design. Industrial ecology includes an interest in design both as a route to environmental improvement and as a vehicle to realize opportunities arising from technological innovation.

*GRC continued on p 4*

### Two New Subject Sections Being Formed

**Roland Clift** (R.Clift@surrey.ac.uk)

ISIE already has Subject Sections to promote the interests of members in Industrial Symbiosis, Material Flow Accounting and Environmentally Extended Input/Output Analysis – see the March 2010 Newsletter.

Two new Subject Sections are now being set up:

#### *Organising Sustainable Consumption and Production – managing product chains:*

This is a section for those interested in exploring the challenges of achieving sustainability for product chains. Sustainability research concerning consumption and production is dispersed over several knowledge communities. This Section will aim to provide a platform for systematic and interdisciplinary treatment of the management issues of product chains. We expect discussions to draw upon contributions from supply chain management, life cycle management, environmental management and strategy, product design and service systems, environmental sociology and governance, among others. Furthermore, the development of methodologies that combine environmental study with study of organisation and management in various ways will be of special interest for the Section.

Henrikke Baumann, Chalmers, Sweden (henrikke.baumann@chalmers.se) and Frank Boons, Erasmus University, the Netherlands (boons@fsw.eur.nl) will act as chairs and liaison points whilst the Section is being established.

#### *Sustainable Urban Systems:*

The Sustainable Urban Systems section of the ISIE is concerned with applying methods of industrial ecology towards the sustainable development of cities, their supporting hinterlands, and the networked infrastructure that connects them. This is an applied, cross-cutting section in which various IE methods, such as LCA, MFA, EIO, complex systems theory and thermodynamics, are applied at the urban scale. Issues addressed include developing urban infrastructure for low carbon cities; urban waste management and material recycling; urban transportation; green buildings; sustainable water and nutrient management; urban energy systems; resilient cities; adapting cities to climate change, and provision of infrastructure for the urban poor. Practical solutions to these issues are informed through study of urban ecology, urban metabolism and the dynamics of city growth. Membership of the section is intended to be broad ranging, including urban planners, architects, geographers, engineers, scientists and economists.

In the interim, this Section will be chaired by John Fernandez of MIT (fernande@exchange.mit.edu) and Paulo Ferrão of IST, Lisbon (ferrao@ist.utl.pt).

Both sections intend to hold workshops or focussed technical sessions at the ISIE conference at UC Berkeley in June 2011. Members interested in these Subject Sections should contact the interim Chairs.

### Communication Committee News

**Kristan Cockerill** (cockerillkm@appstate.edu)

The ISIE Communication Committee met on 1 September to discuss internal communication, including social networking sites, the ISIE newsletter and website, as well as to consider ideas for external communication about the Society.

The group acknowledged that there is significant interaction on social networking sites (e.g. Facebook, LinkedIn) that is relevant to ISIE. Melanie and her student workers will track those sites for information to include in the newsletter and/or post on the ISIE website.

There were several ideas put forth for increasing member input to the newsletter and the website, including adding a “people’s page” to feature highlights about members’ lives and work, such as noting a marriage or job promotion. The group also agreed to invigorate the existing web Forum to offer space for posting questions, serious or silly, concerning industrial ecology so that other members can respond. Additionally, the Forum has been made available as a “read only” page to the general public on a trial basis.

Melanie reported that the website receives 200-300 hits a day, which is quite good. This bodes well for attempts to increase our external communication efforts. One idea presented for this includes conducting interviews with popular scholars/journalists who publish on industrial ecology and publicizing those interviews widely. The committee also agreed to post papers published by ISIE members in Japanese or Chinese with English translation abstracts and to publicize the availability of these articles. Additionally, the committee wants to encourage members to be sure that they include industrial ecology and the ISIE in press releases from their institutions concerning their work or awards. The Society will also pursue broader press about the awards it gives.

One concluding thought from the meeting is that the key to improved communication hinges on member involvement. Watch your email and the website for calls on how you can contribute to your Society.

### Meetings to Note:

**ISIE Asia-Pacific Meeting—*Strengthening Industrial Ecology for the Asia-Pacific Region***  
**ISIE MFA-ConAccount Meeting—*Material Flow Analysis (MFA) for the Future***  
**7-9 November 2010, Tokyo**

For more information about these meetings go to  
<http://www.isieapmfa.info/page/scope.html>

*GRC continued*

The conference explored the relationship between the field's well-developed capabilities for environmental assessment and the opportunities and constraints arising from a design orientation. Speakers presented ideas on assessment and design at multiple scales and in various realms — ranging from products to IT to cities to large-scale systems. Because everything is off the record at a GRC meeting, the content of the talks cannot be described here, but a list of speakers and talk titles can be found at

<http://www.grc.org/programs.aspx?year=2010&program=industeco>.

Reid Lifset from Yale University (UAS) served as chair and Sangwon Suh of the Bren School at the University of California, Santa Barbara (USA) served as vice chair.

Also, for the first time, a Gordon-Kenan Research Seminar (GKRS) was organized for the industrial ecology community and held on the Saturday and Sunday preceding the GRC. The GKRSs are meetings specifically intended for early career researchers, especially graduate students and post-doctoral fellows. More than 60 people attended this initial GKRS on industrial ecology. Dexin Luo of Georgia Institute of Technology (US) and Venkatesh Govindarajan of NTNU (Norway) served as chair and co-chair.

GRCs are unusual scientific meetings. They were established in the 1920s by an American chemist concerned about the lack of opportunity for discussing cutting edge science. From that modest start, the GRCs have grown to encompass approximately 200 conferences per year on subjects in

biology, chemistry, physics, engineering and since 1998, industrial ecology. They have become the premier venue for presenting frontier research in science and technology. More information on the history and structure of the Gordon Conferences can be found at <http://www.grc.org/about.aspx>.

A Gordon Conference has unique features:

- All sessions are in plenary.
- Participants must apply to attend and be accepted by the conference chair.
- All presentations and discussions are off-the-record to encourage open discussion of cutting edge work—no photography or tape recording of sessions or publication of conference proceedings.
- Conference sessions occur in the morning and evening,
- Afternoons are deliberately left unscheduled to provide opportunities for discussion and interaction.
- Attendance is limited to ~ 170.
- The conference is 4½ days in order to provide adequate time for presentation and discussions.

The next GRC on industrial ecology will be held in 2012. Sangwon Suh will serve as the chair and Helga Weisz of the Potsdam Institute for Climate Impact Research (Germany) was elected to serve as the vice chair. (She will be the chair of the 2014 meeting.) The participants voiced overwhelming support for efforts to hold the 2012 meeting at a GRC site in northern Italy. Support for a second GKRS was also strong.



### New Subject Area Editor

Chris Kennedy, professor of civil engineering at the University of Toronto, Canada, joins the Journal of Industrial Ecology as subject-area editor for urban metabolism. Interest in this topic is growing as shown by the new ISIE section, Sustainable Urban Systems and by a growing number of submissions to the JIE.



### New Web Platform

**Reid Lifset** ([reid.lifset@yale.edu](mailto:reid.lifset@yale.edu))

Wiley Online Library went live on 8 August and is the new web home for the Journal of Industrial Ecology. Wiley Online Library completely replaces the publisher's previous platform, Wiley InterScience and all content has been transferred to the new site.

The new platform has a redesigned and more intuitive user interface and offers more functionality. The JIE's new home page is

<http://www.wileyonlinelibrary.com/journal/jie>,

but "redirects" are in place for those using the older web address. If you have a Wiley InterScience login, your details have been transferred and any alerts to which you are subscribed (e.g. Table of Contents, EarlyView, Accepted Article Alerts) have all been migrated. Alas, saved searches have not been migrated.

Online tutorials (<http://olabout.wiley.com/WileyCDA/Section/id-397512.html>) and user guides (<http://olabout.wiley.com/WileyCDA/Section/id-398088.html>) for the new site are available in a variety of languages.

Keep in mind that a great deal of content has been migrated, including 1,500+ journals and 9,000+ online books, so there are inevitably going to be details that are incorrect or missing. If you find mistakes (e.g., missing files, misspelling of names, etc.), please let us know so that we can correct them.

Happy Browsing!

**Do you receive the JIE table of contents alerts?**

**If not, be sure to sign up to receive these emails or RSS feeds so that you always have the latest in industrial ecology research.**

## Conference Reports



*Keynote speakers at the Business Innovation and Technology Management Conference on Sustainability*

### **Asia Pacific Business Innovation and Technology Management Conference on Sustainability**

**Anthony Chiu** (anthonysfchiu@yahoo.com)

ISIE member, Anthony SF Chiu, presided over the Asia Pacific Business Innovation and Technology Management (APBITM) International Conference held in Beijing on 26-28 July. This meeting featured keynote speakers from the United Nations Industrial Development Organization, a Danish Ministerial Adviser, and China's national leadership. APBITM targeted business school researchers to focus on business modeling of sustainable development. Three keynote messages dealing with productivity and quality, resource efficiency and cleaner production, and renewable energy were conveyed at the plenary session. Some 120 technical papers from 22 countries were showcased in the 3-day conference covering research work as far as Iran in the Western border of Asia Pacific. In cooperation with the China National Cleaner Production Center and Beihang University, APBITM also introduced the Cross Strait Technical Session on Green Business Strategy. Future conferences will also focus on sub-regional needs.

## Your input needed....

**What did you learn at the last conference you attended? Send us your thoughts, comments, complaints, concerns regarding any IE relevant gathering.**

## *more Conference Reports*

### **9th Asia Pacific Roundtable for Sustainable Consumption and Production**

**Anthony Chiu** (anthonysfchiu@yahoo.com)

More than 250 professionals, academics and industrialists from 32 countries converged in Colombo 10-12 June as Sri Lanka played host to the 9th Asia Pacific Roundtable for Sustainable Consumption and Production (APRSCP).

The APRSCP is the regional network comprising industrialists, professionals and academics who have banded together to promote sustainable consumption and production in the region. In its Board of Trustees are members from the Philippines, Australia, US, Thailand, Malaysia, India, China, Vietnam, Korea, Indonesia and Sri Lanka. The theme of the Roundtable was: Sustainable Consumption and Production: A Strategy to Meet Global Challenges in Business and Industry.

The Roundtable was comprised of nine keynote presentations (including one from the United Nations Industrial Development Organization), five mini-roundtables, and three topical workshops. The mini-roundtables offered participants an opportunity to freely deliberate and debate issues relevant to sustainable consumption and production (SCP), including, Water and Sanitation, Energy, Sound Chemical Management, Eco-Cities and Sustainable Building, New Marketing Strategies and Tools for SCP.

ISIE Member and Chairman of the APRSCP Anthony SF Chiu said that this Roundtable pro-

vided a much needed forum for participants to parley and understand the change required. In a television interview at Colombo, "As done in the past, this 9th Roundtable will undoubtedly act as the 'Change Agent' by bringing together people from diverse backgrounds around the world, and in turn, offer practical solutions which can be converted into action."

Inaugurated in Thailand in 1997 to foster dialog and partnerships among industry, governments, academia and non-governmental organizations in the region, eight successful roundtables have already been held in Australia, Philippines, Thailand, Malaysia and Vietnam. The 2011 Roundtable will be in Indonesia.



*Distinguished guests at the Roundtable for Sustainable Consumption and Production*

## *more Conference Reports*

### **5th Annual Circular Economy and Industrial Ecology Conference**

**Anthony Chiu** (anthonysfchiu@yahoo.com)

In July, nearly 100 delegates participated in the 5th Annual Circular Economy and Industrial Ecology annual event in China. This year's theme was Circular, Green, Low Carbon and Eco-industrial Development and the meeting was held near the new Eco Center of China's first Eco-industrial Park TEDA. As the circular economy is emphasized in China, government and industry leaders presented information on policy, plans, technology, and current low carbon programs. The majority of the conference presenters were from academia and represented many regions within this second biggest global economy. There were 20 technical papers and 16 plenary speeches delivered during this 2-day event.

ISIE members Anthony Chiu, Shi Lei, Shi Han, and Wang Tao delivered plenary talks to the assembly. The 2011 conference will be held in Taiyuan, Shan Xi Province.



*Attendees at the Circular Economy and Industrial Ecology Conference*



## Conference/Exhibition Listings

Sustainable Landfilling  
23-25 September 2010, Vienna, Austria

Sustainability in Design: LeNS Conference  
29 September - 1 October 2010, Bangalore, India

Scottish Waste & Resources Conference  
5-7 October 2010, Glasgow, Scotland

CRC Remanufacturing Seminar  
14 October 2010, London, UK

ECANUSA  
14-16 October 2010, New Brunswick, Canada

European Roundtable on Sustainable  
Consumption and Production  
25-28 October 2010, Delft, The Netherlands

Sustainability 2.0 - From Green to Blue  
26-28 October 2010, Stuttgart, Germany

Eco-Expo Asia  
3-6 November 2010, Hong Kong

11th Global Conference on Environmental  
Taxation Issues  
3-5 November 2010, Bangkok, Thailand

7th Industrial Symbiosis Research Symposium  
5-6 November 2010, Kawasaki, Japan

CARE Innovation 2010  
8-11 November 2010, Vienna, Austria

### **ISIE Asia-Pacific and ISIE MFA ConAccount 7-9 November 2010, Tokyo, Japan**

3rd International Symposium on Energy from  
Biomass and Waste  
8-11 November 2010, Venice, Italy

TBLI Conference Europe  
11-12 November 2010, London, UK

5th World Recycling Forum  
15-18 November 2010, Hong Kong

Ester Boserup Conference 2010  
15-17 November 2010, Vienna, Austria

CUTE Final Conference  
17-18 November 2010, Hamburg, Germany

Between Waste Framework Directive and New  
Spanish Law  
17-19 November 2010, Valladolid, Spain

Linnaeus Eco-Tech '10  
22-24 November 2010, Kalmar, Sweden

**Remember...**

**ISIE 2011  
7-10 June 2011**

**University of California, Berkeley**



**Call for Papers now available: <http://isie2011.berkeley.edu/>  
Deadline 1 December 2010**

Postdoctoral Position, ETH, Switzerland

Associate in Life-Cycle Assessment and Materials Management, ICF International, US  
Program Officer, UNEP

Postdoctoral Researcher in Sustainable Lifestyles/Lifestyles, Values and the Environment, University of Surrey, UK

Postdoctoral Researcher in Climate Change Communication, George Mason University, US

Faculty, Yale University School of Forestry, US

For details on these positions and additional positions, see the Job Posting section of the ISIE website: <http://www.is4ie.org>

## International Society for Industrial Ecology

The International Society of Industrial Ecology (ISIE) promotes industrial ecology as a way of finding innovative solutions to complicated environmental problems and facilitates communication among scientists, engineers, policy makers, managers and others who are interested in how environmental concerns and economic activities can be better integrated.

### Officers

President—Roland Clift

President-Elect—Greg Keoleian

Treasurer—Chris Kennedy

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### ISIE News Schedule

Publication Date	Submission Deadline
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Dec 2010 v10n4	12 Nov 2010
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Send submissions to the appropriate editor.

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