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[^ ISA Activity](#)

Private Members Bill on UK consumer emissions

The results from our joint work with the [Centre for Sustainability Accounting \(CenSA\)](#) on UK consumer emissions ([UK-MRIO Defra report](#)) have found their way to the UK Parliament. A Private Members Bill has been put forward in the House of Lords – the Bill seeks to put in place a **consumer emissions** target (the current Climate Change Act which sets an 80% reduction target only deals with production emissions).

Lord Teverson who initiated the bill said: "*The Defra report considered the position in the United Kingdom in 2004 and came to the conclusion-I was surprised by the accuracy with which the figures can be worked out by academics-that the consumption emissions of the United Kingdom economy were some 37 per cent higher than our production emissions.*"

(Ref: <http://www.publications.parliament.uk/pa/ld200910/ldhansrd/text/100115-0005.htm#10011519000410>, 15 Jan 2010 : Column 738)

For more information see here: <http://www.publications.parliament.uk/pa/ld200910/ldbills/013/10013.1-i.html> and here: <http://services.parliament.uk/bills/2009-10/consumeremissionsclimatechange.html>.

The Australian Museum's recent exhibition *Climate change: our future, your choice* has received an award from Museums and Galleries NSW

Incorporating ISA results, last May the Australian Museum launched the exhibition, **Climate Change: Our Future, Our Choice**. The aim was that every visitor to the exhibition would leave feeling that climate change is an issue that involves them, knowing what kind of future is available to them and being empowered to make changes in their own life to move towards that future. These changes could be about what they do and buy, and also in their values, attitudes and understanding.

Professor Manfred Lenzen from ISA has provided the data which measures just how much our everyday choices impact our climate.

Read more about the award [here](#)

[^ Education and Training](#)

ISA Units of Study at the University of Sydney start Semester 1, 2010

ISA Units are available as electives in the Master of Sustainability (MSust) Grad Cert and Grad Dip Sustainability commencing in Semester 1, 2010. For details please see ...

Units of Study can be found by at:

<https://ssa.usyd.edu.au/ssa/handbook/uossearch.jsp>

The Master of Sustainability program can be found at:

http://www.usyd.edu.au/handbooks/science/30_sustainability_degrees.shtml

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

[^ 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 or call us (Wed-Fri) on +61 (0)2 9036 9365 hours 9:00 – 17:00 EST.

[^ BL³ News](#)

ISA Software Update

After more than 18 months of fruitful collaboration, ISA is disappointed to announce that the joint venture with Capiotech to create the next generation ISA software tool has failed to reach agreement. We are developing alternative arrangements for the provision of an ISA software tool as soon as possible. We will provide an update on the arrangements in 3-4 weeks.

[^ Publications](#)

Forest carbon – own-able financial product or global common good?

With the debate linking greenhouse gases and climate change increasingly shifting from the science arena into policy and finance, a number of issues are emerging around carbon trading. Carbon sequestered in forests until recently was un-ownable. But who owns the carbon and who trades in what some are calling a new financial product, or a new form of money, are still highly contested questions. Allocation of ownership rights is hampering the transition of carbon from collectively owned ecosystem input to individually owned commodity. But should forest carbon become a financial product? This paper examines the issue of carbon sequestered in forests and the global mechanisms to exploit it. Some of the consequences of distinguishing the carbon from the tree and building a multi-million dollar enterprise around this distinction are discussed. Consequences include carbon crime and the rebound effect of wealth accumulating to the wealthy and spent on carbon intensive goods; and the possibility of funds flowing back into forest communities. It concludes with the divergent consequences of two alternatives for exploiting the world's forests.

Read the report [here](#)

[^ Conferences](#)

Registration open: 18th International Input-Output Conference Sydney, Australia 20-25 June 2010

The International Input-Output Association and the Integrated Sustainability Analysis Research Group at the University of Sydney announce that **registration is now open** for the 18th International Input-Output Conference held on 20-25 June, 2010 at the University of Sydney, Australia.

Goal of the conference

The goal of the conference is to promote and stimulate the worldwide exchange of ideas among economists between them and government officials, policy makers, engineers, national accountants and managers with interests in input-output analysis and related methods.

Registration is now open; please [visit the official conference website](#) for details.

AN INSTITUTE FOR SUSTAINABLE SOLUTIONS FOCUS ON THE FUTURE LECTURE *Global Warming: How policy can catch up to the science and solve the problem*

Geoscientist Michael Oppenheimer has been involved in the climate change discussion since the late 1980s when he helped precipitate the negotiations that resulted in the United Nations Framework Convention on Climate Change and the Kyoto Protocol. He was the lead author on the Third and Fourth Assessment reports of the Intergovernmental Panel on Climate Change (IPCC). His scientific understanding of global warming is the basis for his proposed framework for developing response policies to mitigate greenhouse gas emissions, and adapt to some level of inevitable warming. In light of the recent popular media controversy over alleged censorship and distortion of scientific results in the IPCC reports, there is no better time to engage with a true expert in this public debate.

Michael Oppenheimer is the Albert G. Milbank Professor of Geosciences and International Affairs in the Woodrow Wilson School and the Department of Geosciences at Princeton University. Originally trained in astrophysics, he spent two decades with the Environmental Defense Fund (EDF), a US non-governmental, environmental organisation, where he served as chief scientist and manager of the Climate and Air Program.

His interests include science and policy of the atmosphere, particularly climate change and its impacts. Much of his research aims to understand the potential for "dangerous" outcomes of increasing levels of greenhouse gases by exploring the effects of global warming on ecosystems such as coral reefs, on the ice sheets and sea level, and on patterns of human migration.

Oppenheimer also studies the role played by nongovernmental organisations in the policy arena, and the role of scientific learning and scientific assessment in decisions on problems of global change.

Visit Sydney Ideas for [registration details](#)

[^ Calculators using ISA Research](#)

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](#)
- * [1 Million Women](#)
- * [Energy Australia's Carbon Emissions and You](#)



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