

Mini-Symposia 1: Electricity market reform and policy

Time: Wednesday 10:30 till 14:30, Location: L3

Session 1 (10:30am–noon)

Ross Garnaut	University of Melbourne	Policies for reliability in the NEM
Jess Hunt	Australian Energy Market Operator	Reliability and security in a changing power system
Frank Jotzo	Australian National University	Markets for reliability and emissions: Certificates vs contracts
Salim Mazouz	Australian National University	Electricity prices under transition to renewables

Session 2 (12.50pm–2.30pm)

Peter Cramton	University of Cologne and University of Maryland	Renewables and electricity market design
Anne Kallies	RMIT	State policy interactions with the NEM and legal aspects
Tim Nelson	AGL Energy	The future of electricity generation in Australia: A case study of New South Wales
Paul Burke	Australian National University	Local unemployment effects of closing coal power stations in Australia

Chaired by Quentin Grafton (ANU).

This session is convened by Frank Jotzo and Paul Burke. It is organised under the Australian-German Energy Transition Hub, an initiative led by the University of Melbourne and ANU supported by the Commonwealth through the Department of Foreign Affairs and Trade. Sponsorship by ANU via the Energy Transition Hub.

- Ross Garnaut is Professorial Fellow in Economics at the University of Melbourne and President of ZEN Energy.
- Jess Hunt is Group Manager, Future Energy Systems at the Australian Energy Market Operator (AEMO).
- Frank Jotzo is Professor at ANU Crawford School of Public Policy and Co-Director of the Energy Transition Hub.
- Salim Mazouz is a Research Manager for the Energy Transition Hub, and Director of EcoPerspectives.
- Peter Cramton is Professor of Economics at the University of Cologne and the University of Maryland.
- Anne Kallies is Lecturer in Law in RMIT's Graduate School of Business and Law.
- Tim Nelson is Chief Economist at AGL Energy.
- Paul Burke is Fellow at ANU Crawford School of Public Policy and an ARC DECRA Fellow.
- Quentin Grafton is Professor of Economics at ANU Crawford School of Public Policy and UNESCO Chair in Water Economics and Transboundary Water Governance.

Mini-Symposia 2: Farm policy priorities towards 2020

Time: Wednesday 10:30 till 12:00, Room L2

With major changes in US budgets in the works, the US stepping away from TPP and now renegotiating NAFTA, and Brexit playing out its hand, the implications for agriculture (and ultimately global food markets) are potentially profound, or are they? This session will shed light on the prospects of these changing political realities for farm policy in the years ahead.

Presenters' Name	Affiliation	Topic
Philip Pardey	University of Minnesota	Moderator
Vince Smith	Montana State University and American Enterprise Institute	US Farm Bill Policies--A Transactional Perspective (or How to Win Friends and Influence People!)
Jo Swinnen	KU Leuven	European Farm Policy Prospects
Kym Anderson	University of Adelaide	Pivot Points for International Agricultural Trade Policies

Mini-Symposia 3: Exploring rural development innovations (and opportunities) for agriculture, food and tourism

Time: Wednesday 13:00 till 14:30, Room L2

The challenges of rural development continue to persist, but the nature of those concerns vary in developed economies, especially those like the rural Western US and Australia, where there are strong metro economies amongst wide expanses of sparsely populated and economically struggling rural areas. One common aspect of many of those areas is the heritage and economic importance of agriculture in their community's history and culture, so innovations and opportunities that can build off that sector may be more appropriate and aligned with the community's comparative advantage.

In this session, we will explore how multi-disciplinary and multi-method research (regional analysis, case studies, consumer and traveller surveys) can be used to identify creative approaches which address rural development with an emphasis on local agricultural customs and food systems. In this session, we will discuss the community framing, outreach and technical assistance which assures relevant research and appropriate impacts to communities seeking assistance with food system development through food and agricultural tourism. Finally, the panel will address private and public funding and programming that pilots, funds and supports efforts in Australia and the Western US.

Convenor: Wendy Umberger

Presenters' Name	Affiliation	Topic
Dawn Thilmany McFadden	Professor and Outreach Coordinator Extension, Colorado State University	Changing economics of food systems and implications for regional development
Kynda Curtis	Professor and Extension Agriculture & Food Marketing Specialist Utah State University	Food and agricultural tourism for regional development
Mel Bright	Economic Development Officer, Strategy & Development, Adelaide Hills Council	Regional Branding – find your connection
Jo Ann Warner	Associate Director, Western Extension Risk Management Education Center (Western Center) Washington State University Extension	Funding models for research to encourage regional branding and development

Mini-Symposia 4: History of agricultural development in the periphery

Time: Wednesday 15:00 till 16:30, Room L2

Agriculture's role in the economic development of growing economies is often seen as no more than as a provider of labour for industrialization. A new multi-authored comparative history book revisits this topic with a focus on 'periphery' countries, i.e. outside Western Europe and North America. This session draws out lessons from the book as a whole by co-editor Vicente Pinilla, and also two of its case studies in countries where mining also has been crucial: Kym Anderson on Australia and Nick Vink on South Africa. The Opening Discussant, Jo Swinnen, will add an additional perspective as he is an expert on agricultural development in Eastern Europe, Russia and Central Asia. This session can be considered also as a launch of this significant book, due to be published soon after the conference: **Agricultural Development in the World Periphery: A Global Economic History Approach**, edited by V. Pinilla and H. Willebald, London and New York: Palgrave Macmillan (forthcoming 2018).

Convenor: Kym Anderson

Presenters' Name	Affiliation	Topic
Vicente Pinilla	Uni of Zaragoza	Agricultural Development in the Periphery: Lessons from History
Kym Anderson	Uni of Adelaide & ANU	Agricultural Development in Australia in the Face of Occasional Mining Booms: 1845 to 2015
Nick Vink	Uni of Stellenbosch	Maize and Gold: South African agriculture's transition from suppression to support, 1886 to 1948
Jo Swinnen	KU of Leuven	Opening Discussant

Mini-Symposia 5: Issues on the frontier of domestic emissions pricing

Time: Wednesday 15:00 till 16:30, Room L3

Emission pricing (in the form of emissions trading or taxes) is taking off globally but we are still learning about how to make it work effectively in the real world. This mini-symposium takes advantage of the presence in Australia of three of the key authors of the World Bank/ICAP *Emissions Trading in Practice* Handbook on design and implementation. The session will involve three presentations on key unresolved issues of concern for emissions pricing: the price level to choose in an uncertain world; protection against competitiveness concerns and emissions leakage; and metrics for comparison among different greenhouse gases. The presenters and two or three other experts will then form a panel to discuss recent developments in ETS and needs for future research as well as to answer audience questions about ETS.

Presenters' Name	Affiliation	Topic
Emily Harvey (or Suzi Kerr)	Market Economics, New Zealand	How fast should we go with deep uncertainty?
Juan Pablo Montero	Professor of Economics, Pontificia Universidad Católica, Santiago, Chile	Output-based allocations in pollution markets with uncertainty and self-selection
Ruben Lubowski	Chief Natural Resource Economist, Environmental Défense Fund, New York	Establishing Fungibility across Short and Long-Lived Climate Pollutants in Market-Based Climate Policies
Suzi Kerr	Senior Fellow, Motu Economic and Public Policy Research	Panellist
Frank Jotzo	Professor; Director, Centre for Climate Economics and Policy, ANU	Panellist

Mini-Symposia 6: Moving with the climate: Climate change impacts and migration

Time: Thursday 8:30 till 10:00, Room L1

Why this topic: This mini-symposium addresses an under-researched area of critical importance for understanding local demands for resources. Migration in response to climate change is an issue of great significance for interactions among NZ, Australia and the Pacific so well suited to AARES new Australasian scope. Climate change impacts and implications is an area of resource economics that is likely to expand significantly in coming years and is an area of research where funding is increasingly available. The topic brings a new audience into AAREs and links to wider fields within economics (particularly macroeconomics, migration and conflict issues).

Why this format/set of speakers: We have two strong presentations by experienced researchers as well as offering a capacity building experience for a couple of promising students. The speakers come from very different backgrounds within economics so will offer quite diverse ideas – and different perspectives to the mainstream AAREs community. We hope this discussion will help to develop a research agenda and start to build a community of researchers.

Presenters' Name	Affiliation	Topic
Dennis Wesselbaum	University of Otago	Gone with the Wind: International Migration
Belinda Storey	Victoria University of Wellington	Valuing arable land as agriculture moves south with drought hazards
Ana Maria Ibanez	University of the Andes, Colombia	The Legacies of War: How Does Conflict Shape Migration Decisions (after extreme weather events)?
Ilan Noy	Victoria University of Wellington	Panellist
Suzi Kerr	Motu, Victoria University, Te Punaha Matatini and Deep South National Science Challenge	Panellist
Diana de Alwis	Victoria University of Wellington	Panellist
Australian - TBC		

Mini-Symposia 7: Designing conservation auctions for low participation rates and landholder uncertainty

Time: Thursday 8:30 till 12:00, Room L2

Conservation tenders and similar forms of procurement auctions are increasingly being used as a policy mechanism to achieve changes in land, water and biodiversity management that deliver environmental benefits, often by contracting farmers and other landholders to change management practices so as to deliver environmental benefits or reserve areas for conservation. Interest in these mechanisms has grown because of their efficiency advantages over fixed payment schemes and other approaches. However, a major limitation of conservation tenders are low participation rates of potential bidders, particularly for schemes targeting farmers and rural landholders, with implications on both efficiency and effectiveness dimensions. Landholder uncertainty over their own costs of management changes, and the potential for winners curse if management costs and/or production losses are higher than expected, may limit participation or cause other bid responses.

These issues have major policy implications. Economists typically recommend conservation tenders and other auction mechanisms because of efficient benefits from competition processes, yet in practice participation, and therefore competition tends to be very low. In a similar vein, economists assume that landholders submitting bids know their own costs with certainty, yet in reality this may not be the case. More appropriate approaches to auction design should take account of the realities that landholders may not know their own costs of practice change very well, and that participation rates may be low.

Presenters' Name	Affiliation	Topic
Stuart Whitten	CSIRO	Conservation Tenders: Status and Challenges
John Rolfe	CQUniversity	Identifying causes of low participation rates on conservation auctions
Patrick O'Connor	University of Adelaide	Absentee and group landowners - important participants in conservation auctions?
Megan Star	CQUniversity	Using choice experiments to assess certainty effects in auction design
Morning Tea		
Sayed Iftekhar	University of Western Australia	Theoretical investigation of the effects of uncertainty
Steven Schilizzi	University of Western Australia	Measuring the effects of cost uncertainty in auctions with laboratory experiments - A
Toto Olita	University of Western Australia	Can insurance mechanisms enhance the attractiveness of conservation auctions?
Discussion and feedback		

Mini-Symposia 8: Beeronomics

Time: Thursday 10:30 till 12:00, Room L3

Session to be chaired by Julian Alston

With a global production estimated in nearly two billion hectolitres in 2014, beer represents without doubt 'the' alcoholic beverage of the masses and for the masses, but it has been relatively understudied by economists. The Beeronomics Society started its activities in January 2009 to provide a clear focus for researchers interested in the economics of beer and brewing and social implications associated with the global brewing industry. This session, co-organized by the Beeronomics Society, includes papers on diverse questions related to some of the industrial organization, human health, and evolving market issues related to beer and brewing that capture the attention of Beeronomists around the world. Program participants are drawn from Australia, Belgium, and the United States.

Presenters' Name	Affiliation	Topic
Jo Swinnen	KU Leuven	Going Big or Small ? Global or Local? The Restructuring of Global Brewing"
Mike McCullough	Cal Poly	Can Beer Consumption Be Part of a Healthy Diet?"
Andre Sammartino	Univ of Melbourne	What's driven the slow rise of independent brewing in Australia?"
Jarrett Hart	UC Davis	Scraping the Bottom of the Beer Barrel: Consumer Preferences for Localness and Responses to Brewery Acquisitions
Panel Discussion on <i>'The Future of Beer'</i>		

Mini-Symposia 9: Sustainable forests: Positive and negative incentives & leakage

Time: Thursday 10:30 till 12:00, Room L1

This session will consider conservation and restoration of forests with three distinct methodologies taking advantage of three international visitors who are forest experts. The session will evaluate the effectiveness of private sector actions and public policies and begin to explore future opportunities for research and reforestation. The session will combine insights from economics but also geography, earth sciences and forest science as well as complementary research on experiences from Indonesia, Brazil, Korea and New Zealand.

Presenters' Name	Affiliation	Topic
Robert Heilmayr	Assistant Professor, Bren School, UC Santa Barbara	Empirical measurements of market leakage from an eco-certification program
Ruben Lubowski	Chief Natural Resource Economist, Environmental Defense Fund, New York	Modelling the Opportunity Costs of Reducing Legal Deforestation and the Implications for Forest Policy in Mato Grosso, Brazil
Seong-il Kim	Professor, Department of Forest Sciences, Seoul National University	Prospects for Reforestation in North Korea
Zack Dorner	Lecturer, Waikato University	Panellist
David Fleming	Fellow, Motu	Panellist
Sandra Cortes-Acosta	PhD Student, Victoria University	Panellist
Suzi Kerr	Senior Fellow, Motu	Panellist

Mini-Symposia 10: Women in economics (WEN)

'The changing role of women in resource-based industries'

Time: Friday 10:30 till 12:00, Room Hall M

Women are underrepresented in most resource-based industries. This is common across mining and energy, agriculture, forestry and fisheries, to name a few. In addition, sectors like water are also frequently cited as 'blokey' in nature, regardless of the need for a broad set of skills to manage this scarce resource.

This session considers the changing role of women in Australia through the lens of the resource sectors. The session is designed to draw on the experiences of women who have played an important part in these sectors and/or had an opportunity to reflect on how society conceptualises the role of women in different resource contexts.

The session comprises contributions from three outstanding professionals:

- Michelle Groves, Chief Executive Officer, Office of the Australian Energy Regulator
- Professor Jane Doolan, Commissioner, Productivity Commission
- Fleur McDonald, Rural Literature Author

Speakers will address their theme for about twenty minutes. At the conclusion of the three presentations a moderated panel discussion will ensure, where the audience will be invited to ask additional questions or express views.

Presenters' Name	Affiliation	Topic
Bethany Cooper	Uni of SA	Chair
Michelle Groves	Chief Executive Officer, Office of the Australian Energy Regulator	Michelle will reflect on her time in the energy sector and how gender and regulation interact.
Professor Jane Doolan	Commissioner, Productivity Commission	Jane will draw on her experiences in dealing with governments at different levels and the expectations of working in a sector where men have had a dominating influence for many decades.
Fleur McDonald	Rural Literature Author	Fleur will address the stereotypes applied to women in agriculture and explain how literature can be used to challenge these.
Wendy Umberger	Executive Director Centre for Global Food & Resources, University of Adelaide	Discussant

Mini-Symposia 11: Informing Basin Plan Implementation – the role for further social and economic analysis’

Time: Friday 13:00 till 14:30, Room Hall M

The Mini-Symposia is designed to explore and discuss the social and economic challenges in implementation the Murray-Darling Basin Plan. The talks are designed to discuss the data/methods of analysis that could be used to combat these challenges.

The session will include a 15-minute talk by Colin Mues presenting the MDBA perspectives. Then the other three presenters provide a 5-minute talk on their area of expertise before the discussion is opened up to the audience

Please join us for what will prove to be an interesting and wide ranging discussion.

Presenters' Name	Affiliation	Topic
Colin Mues	MDBA	The implementation tasks from the Authority's perspective
Quentin Grafton	Australian National University	Approaches to water recovery
Chris Olszak	Aither	Water market considerations (in particular, what is the temporary water market behaviour telling us)
David Adamson–	The University of Adelaide	Incorporating the potential effects of climate change into Basin Plan implementation

Mini-Symposia 12: Application of benefit transfer tools in policy decisions in Australia

Time: Friday 13:00 till 14:30, Room L1

Benefit: Cost Analysis (BCA) is a commonly used tool to support decision making in public policy. BCA is often a requirement for legislative processes, such as Regulatory Impact Statements. (Commonwealth of Australia, 2014).

Some of the benefits or costs that should be considered in BCA are unpriced or non-market values. It is possible to collect these values using primary non-market valuation studies. However, conducting original valuation studies is not always possible for agencies given the limitations of budget, time and expertise. This gave rise to strong interest by public authorities to explore, develop and apply benefit transfer tools for non-market values. These tools provide a collection of non-market values from related empirical research with some guidance to adjust these values to real policy context.

In this session, we have brought together presentations on a diverse set of topics on real applications of benefit transfer in Australia, from species conservation and disaster management to investing in innovative water designs in urban settings. The presentations will cover examples of tools developed in different sectors, process of development and challenges and limitations in applying them to different policy contexts. Further, three experienced panellists will discuss the presentations, relating them to current issues in applying benefit transfer, gaps in literature and identifying directions of future research.

In addition, due to the highly applied nature and policy relevance of the theme, we will use our network of end user organizations (such as CRC for Water Sensitive Cities, Bushfire and Natural Hazards CRC and National Environmental Science Program) to promote the session. Thus, we hope to give a broad picture of the issues related to benefit transfer in policy applications to achieve synergy by combining academic and industry experiences in answering questions about how to use these tools efficiently with minimized error.

Presenters' Name	Affiliation	Topic
Asha Gunawardena	UWA	Application of benefit transfer in water related projects
Fiona Gibson	UWA	Including the intangible benefits of natural hazard mitigation in economic analyses: a 'value tool' for informed decision making.
Prof John Rolfe	CQU	Application of benefit transfer: International experience