

Circular economy and plastic waste symposium

The Commonwealth Scientific and Industrial Research Organisation (CSIRO), the Australasian Agricultural and Resource Economics Society (AARES), and the Economic Society of Australia (ESA) would like to invite our members and colleagues to attend a symposium on circular economy and plastic waste management. The objective of this symposium is to provide case study examples and explore research pathways in support of a circular economy, examining the social, institutional, and economic levers that could bring forward a reduction in material consumption and waste generation. There will be Networking Drinks after the symposium sponsored by the Centre for International Economics (thecie.com.au). Registration is required for the Networking Drinks.

Date: Monday the 19th of September 2022

Symposium: 3.00-5.00pm

Networking Drinks: 5.00-6.00pm

Venue: CSIRO Discovery Theatre, N Science Rd, Acton ACT 2601

RSVP: By 5pm (ACT Time) Wednesday the 14th of September

Time	Activity
3.00-3.05pm	- Acknowledgement of country - House keeping
3.05-3.15	Welcome speakers: ACT Branch Presidents of ESA and AARES - Welcome/Objective of this symposium
3.15-3.25pm	Speaker 1: Dr Heinz Schandl (Group Leader, CSIRO Land & Water) - Circular Economy initiatives in Australia and India - CSIRO: Circular Economy Roadmap and Plastic Waste Mission - 10 min presentation
3.25-3.45pm	Speaker 2: Dr Sabrina Chakori (Post Doc Fellow, CSIRO Valuing Sustainability) Future Science Platform) - Understanding the drivers of packaged food at micro, meso and macro level. - 15 min presentation/5 min questions
3.45-4.00pm	Speaker 3: Chris Foley (CEO, Australian Packaging Covenant Organisation) - Industry body experience in circular economy - 10 min presentation/5 min questions
4.00-4.15pm	Speaker 4: Dennis McCarthy (Senior Economist, The Centre for International Economics) - The CIE research in Circular Economy - 10 min presentation/5 min questions
4.15-4.30pm	Speaker 5: Dr Sorada Tapsuwan (Senior Research Scientist, CSIRO Land & Water) - Household purchasing and responsible disposal behaviour of plastic waste in India - 10 min presentation/5 min question
4.30-4.55pm	Panel Discussion: Speakers 1-5 + Research partners from India (Development Alternatives Group, The Energy and Resources Institute, CSIR-National Environmental Engineering Research Institute) - How can economic concepts/methods help in CE transformation? - 25min
4.55-5.00pm	Close
5.00-6.00pm	Networking Drinks sponsored by the Centre for International Economics (CIE)



AARES
AUSTRALASIAN AGRICULTURAL &
RESOURCE ECONOMICS SOCIETY



Speakers



Dr Heinz Schandl (Group Leader, CSIRO Land & Water)

With a background in Sociology and Social and Economic Sciences, Dr Heinz Schandl investigates the co-evolution of social and ecological systems and their transition to sustainability. Areas of research expertise include social systems analysis and institutional analysis, co-evolution of social and ecological systems, measuring and modelling of sustainability, integrated analysis and assessment of sustainability, sustainable production and consumption, resource use governance and sustainability transitions.



Dr Sabrina Chakori (Post Doc Fellow, CSIRO Valuing Sustainability)

Sabrina holds a BSc. in Biology (University of Geneva, Switzerland) and a MSc. in Environmental Economics (The University of Queensland, Australia). Her interdisciplinary Ph.D. research (The University of Queensland, Australia) analysed the drivers of packaged food. The results of her work showed the need to implement degrowth strategies in order to improve the sustainability of food systems. Sabrina is a passionate systems modeler (systems thinking, system dynamics, network analysis), she believes that systems approaches are crucial to understanding and tackling current socio-ecological wicked problems.



Chris Foley (CEO, Australian Packaging Covenant Organisation)

Chris is an experienced executive who creates value and positive impact for large, complex businesses and organisations by improving the sustainability of their operations, products, and supply chain and managing brand and corporate reputation. He is a recognised leader in climate change, product stewardship, sustainable packaging, circular economy and sustainable plastic use. He has a strong track record of success driving change in organisation practice, retail buying/sourcing, store operations and global supply chains; delivering improved outcomes for shareholders, stakeholders the environment and public health.



Dennis McCarthy (Senior Economist, The Centre for International Economics)

Dennis is a Senior Economist with the Centre for International Economics. The CIE have been part of key emerging policy debates around container deposit schemes, waste exports, the kerbside recycling system, and new technologies to process hard-to-recycle materials. Dennis is an experienced economic modeller, with expertise in cost-benefit analysis, choice modelling to estimate willingness to pay, and building user-friendly modelling tools.



Dr Sorada Tapsuwan (Senior Research Scientist, CSIRO Land & Water)

Sorada is an expert in non-market valuation and has valued environmental assets using a variety of techniques, including contingent valuation, choice modelling, travel cost and hedonic property price (HPP) methods, across a wide area of research domains, such as marine park management, urban water demand and supply management, rural and irrigation water management, transportation, land use management, technology adoption, biosecurity management and climate change. She has worked on understanding household behaviour in relation to purchasing of recycled packaging and responsible disposal behaviour of packaging waste.



AARES
AUSTRALASIAN AGRICULTURAL &
RESOURCE ECONOMICS SOCIETY



Indian Research Partners and Panel Members

Dr Rita Dhodapkar (Science Secretary, Council of Scientific & Industrial Research – National Environmental Engineering, CSIR-NEERI, Nagpur)



Rita Dhodapkar is the Science Secretary of CSIR-NEERI and Principal Technical Officer in Director's Research cell of CSIR-NEERI. She is working in the research areas of environmental monitoring, water and wastewater management, waste management with respect to urban and rural scenarios, monitoring and mitigation of contaminants of emerging concern, contaminated soil monitoring and remediation. Rita is also a member of the Environment Protection Committee, Bureau of Standards. She is the lead Coordinator for Horizon 2020 and Department of Science and Technology sponsored Research on Water and Wastewater Technologies. Her international collaborations are with 19 European Universities and CSIRO, Australia.

Ms Zeenat Niazi (Vice-President, Development Alternatives, New Delhi)



Ms Niazi oversees policy studies and development action initiatives at the Development Alternatives Group. Her work addresses resilience building in human settlements through Sustainable Consumption and Production (SCP) strategies, especially green and inclusive circular economy models. She also contributes to the Global Green Growth Platform. Her programmatic responsibilities include guiding sustainability research focused on local and national strategies and action for sustainable development and climate change response. She leads the policy alliances and partnerships initiatives of the Development Alternative Group.

Mr Souvik Bhattacharjya, Senior Fellow and Associate Director, The Energy and Resources Institute, TERI, New Delhi)



Mr Bhattacharjya is a Senior Fellow and Associate Director at Integrated Policy Analysis Division of TERI. He has more than 16 years of experience in the field of energy and environmental research and management consulting. He has undertaken and led various consultancy and research assignments for ministries, bilateral and multilateral organisations and multinational corporations. His areas of work include resource efficiency and circular economy, developing policies and strategies along product and service value chains for promoting 6Rs, industrial ecology, material demand/supply assessments, material flow analysis, life cycle analysis, life cycle cost analysis, impact assessments of industrial/infrastructure projects, price build up for environmental goods and services, trade in environment and resources, etc.



AARES
AUSTRALASIAN AGRICULTURAL &
RESOURCE ECONOMICS SOCIETY



Our sponsor



The Centre for International Economics (CIE) is a boutique economic consultancy that provides independent, quantitative, evidence-based advice to support practical decision-making. The CIE's mission is to apply the insights of economic analysis in a practical and timely manner to assist clients to formulate solutions to a wide range of problems and challenges.



AARES
AUSTRALASIAN AGRICULTURAL &
RESOURCE ECONOMICS SOCIETY

