

The Future of the Human Landscape



Research Enrichment Program Outlook Conference

9.00 am to 5.00 pm, 24-25 July 2018

Incubator Building & Y3A, 8 and 10 Hadenfield Avenue, Macquarie University

We live on a planet that is dominated by human activity. Every organism, every place, and every function is influenced by humans. Under this influence, the world is changing rapidly, and it is increasingly unlikely that the Earth can be conserved in its historical state.

We are, however, the greatest ecosystem engineers that have ever existed on this planet. We have a unique opportunity to imagine the kind of planet we would like to live on, and make it happen. But this opportunity will not last. The time to imagine, and plan, is now.

The Outlook Conference will bring together leading thinkers in diverse disciplines, spanning molecules to landscapes, and from scientific, historical and social viewpoints. The objective is to immerse participants in the frontiers of adjacent, and more distant disciplines. Speakers will present their vision for humanity's future. These talks will not recount personal research findings, but will be future-scoping exercises. Our goal is to identify promising areas for high level trans-disciplinary collaboration, for novel applications, and to expose postgraduate students and early career researchers to different ways of thinking.

The two day meeting will consist of seminars by invited speakers, followed by afternoon discussions and brain-storming sessions. A key feature of the conference is the opportunity to meet and interact with research leaders across the breadth of human enquiry.

This conference is free and is open to all.

Registration: <https://www.cvent.com/c/express/2374e315-aac0-488b-bdbc-024ac5173be0>



Research Enrichment Program - Outlook Conference

Day One 24th July

9.00 **Assembly, Meeting, Checking Talks, and Coffee**

9.30 **Welcome and Introduction:** Professor Michael Gillings, Biological Sciences, Macquarie University, michael.gillings@mq.edu.au

9.45 **Thinking about Potential Outcomes from this Meeting:** Dr Alexandra Carthey, Biological Sciences Macquarie University, alexandra.carthey@mq.edu.au

9:50 **The Future of Children in Cities:** Professor Karen Malone, Centre for Education Research, Western Sydney University, K.Malone@westernsydney.edu.au

10.30 **Coffee break**

10:50 **The Future of Education:** Dr Yvonne Breyer, Programme Director, Faculty of Business and Economics, Macquarie University, yvonne.breyer@mq.edu.au

11.30 **The Future of Human Evolution:** Dr Paul Mason (presenter), Lecturer in Anthropology, School of Social Sciences, Monash University paul.mason@monash.edu, and Professor Greg Downey, Department of Anthropology, Macquarie University greg.downey@mq.edu.au

12:10 **The Future of Human Mate Choice:** Professor Robert Brooks, School of Biological, Earth and Environmental Sciences, University of NSW, rob.brooks@unsw.edu.au

12:50 **Lunch Break (Incubator Building)**

13:50 **The Future of Drugs:** Dr Alex Wodak, Director of the Alcohol and Drug Service, St Vincent's Hospital, alex.wodak@gmail.com

14:30 **The Future of Human Population:** Professor Tim Flannery, Climate Council, Author and Environmentalist, Tim.Flannery@textpublishing.com.au

15.15 **Coffee Break**

15:45 **Panel Discussion**

16:45 **Close Day One**



Research Enrichment Program - Outlook Conference

Day Two 25th July

9:00 **Welcome and Recap**

9:10 ***The Future of Environmental Psychology***: Dr Louise Metcalf, Director, Australian Research Institute for Environment and Sustainability, louise.metcalf@mq.edu.au

9:45 ***The Future of Urban Spaces***: Dr Donna Houston, Department of Geography and Planning, Macquarie University, donna.houston@mq.edu.au

10:20 **Coffee Break**

10:50 ***The Future of Urban Wildlife***: Dr Lizzy Lowe, Department of Biological Sciences, Macquarie University, lizzy.lowe@mq.edu.au

11:25 ***The Future of Oceans***: Associate Professor Melanie Bishop, Department of Biological Sciences, Macquarie University, melanie.bishop@mq.edu.au

12:00 ***The Future of Conservation***: Associate Professor Peter Davies, Department of Environmental Sciences, Macquarie University, peter.davies@mq.edu.au

12:35 **Lunch Break (Incubator Building)**

13:35 ***The Future of Ecosystems***: Professor Angela Moles, School of Biological, Earth and Environmental Sciences, University of NSW, a.moles@unsw.edu.au

14:10 ***The Future of the Internet of Things***: Eshrat E Alahi, School of Engineering, Macquarie University, ealahi@mq.edu.au

14:45 ***The Future of Innovation***: Dr Jonathan Symons, Dept. of Modern History, Politics and International Relations, Macquarie University, jonathan.symons@mq.edu.au

15:20 **Coffee break**

15:50 **Breakout Sessions and Networking**

17:00 **Wrap up, Thanks, and Close**

