



Transdisciplinary research to battle global sustainability problems

Welcome

This conference is an opportunity to collaborate and showcase innovative research ideas to tackle global sustainability challenges. It serves as an inclusive space for fostering research collaboration and driving action among eGrad School partners, researchers, external organisations, and valued participants in achieving the United Nations (UN) Sustainable Development Goals (SDGs) and creating a more sustainable future. The conference will facilitate future-focus and case-oriented discussions on building sustainable future.

Join us and listen online to sustainable researchers from Europe, South Pacific, New Zealand, South Africa and Australia.

Tuesday 28th November

Opening session – [access here](#)

Welcome	
2:00 pm	<p>Introduction: Conference chair Prof Esa Jaatinen QUT Acknowledgement of Country 2023 Welcome by Professor Stephen Blanksby, Pro Vice-Chancellor Research Infrastructure at QUT</p>
2:20 pm	<p>Keynote presentation: Dr Matthew Rimmer Professor of Intellectual Property and Innovation Law, Faculty of Business and Law, Queensland University of Technology, Australia</p> <p>Title: The Elgar Companion to Intellectual Property and the Sustainable Development Goals</p>
2:40 pm	<p>Keynote Q&A</p>

Conference Presentations

	Meeting room 1 (click to access)	Meeting room 2 (click to access)	Meeting room 3 (click to access)
2:50 pm	<p>Ray O'Brien - University of Otago, Sustainability Office, New Zealand, Dunedin</p> <p>Sustainable transformation of universities and innovative research focus (Case Study Approach)</p> <p>Title: Leadership by learning design: Active decolonisation</p>	<p>Rachel Spronken-Smith - University of Otago, New Zealand, Dunedin</p> <p>Sustainable transformation of universities and innovative research focus (Case Study Approach)</p> <p>Title: Preparing doctoral graduates to be global citizens</p>	<p>Vikashni Prasad - Fiji National University, Fiji</p> <p>The role of transdisciplinary science in addressing research gaps in sustainable development</p> <p>Title: The effects of climate change on taro production</p>

	Meeting room 1 (click to access)	Meeting room 2 (click to access)	Meeting room 3 (click to access)
3:10 pm	<p>Wati Mocevakaca - Fiji National University and Australian Centre for International Agricultural Research, Fiji</p> <p>Best practice examples of transdisciplinary research tackling global challenges</p> <p>Title: Dairy Production Dynamics and Antibiotics Sensitivity Patterns of Bacteria Isolated from Calf Diarrhea in Fiji</p> <p>Co-authors: Walter Okello, Anthony Keyburn, Royford Magiri</p>	<p>Iwan Suhardjo - University of Canterbury, New Zealand</p> <p>Transdisciplinary teams: How science can contribute to a sustainable future</p> <p>Title: The Role of Digitalization in ESG Performance Communication to External Stakeholders</p>	<p>Yuanita Safitri - University of Canterbury, Media and Communication, New Zealand</p> <p>Best practice examples of transdisciplinary research tackling global challenges</p> <p>Title: Communicating Sustainability and Climate Change: Case Study on CASE Project</p>
3:30 pm	<p>Manu Thundathil - University of Canterbury, School of Product Design, New Zealand</p> <p>The role of transdisciplinary science in addressing research gaps in sustainable development</p> <p>Title: Perception-Based Design Approach for Sustainable Materials</p>	<p>Katie Woolaston - Queensland University of Technology, Australia</p> <p>Best practice examples of transdisciplinary research tackling global challenges</p> <p>Title: An argument for pandemic risk management using a multidisciplinary One Health approach to governance: an Australian case study.</p>	<p>Tessa Rixon - Queensland University of Technology, Australia</p> <p>Sustainable transformation of universities and innovative research focus (Case Study Approach)</p> <p>Title: Designing through climate change: Embedding an ecoscenographic framework into tertiary performance design pedagogy</p>
3:50 pm	<p>Zoe Mellick - Queensland University of Technology, Australia</p> <p>Transdisciplinary teams: How science can contribute to a sustainable future</p> <p>Title: Communicating Sustainable Value in the Global Cotton Supply Chain: Certifications, Storytelling, and Interdisciplinary Insights</p>	<p>Rumintha Wickramasekera - Queensland University of Technology, Australia</p> <p>Best practice examples of transdisciplinary research tackling global challenges</p> <p>Title: Case studies of understanding sustainability and market success of Japanese Firms: Living beyond the 3rd generation.</p> <p>Co-author: Makoto Kanda</p>	<p>Judy Matthews - Queensland University of Technology, Australia</p> <p>Transdisciplinary teams: How science can contribute to a sustainable future</p> <p>Title: Modern Methods of Construction Shape Sustainable Futures</p>
4:10 pm	<p>Crighton Nichols - Queensland University of Technology, Australia</p> <p>Transdisciplinary teams: How science can contribute to a sustainable future</p> <p>Title: Connected Leadership for Transdisciplinarity Research</p>	<p>Susan Schlinker - Queensland University of Technology, Australia</p> <p>Best practice examples of transdisciplinary research tackling global challenges</p> <p>Title: Sustainability with Yoga</p> <p>Co-author: Utsav Gupta</p>	<p>Lanxi (Daisy) Li - Queensland University of Technology, Australia</p> <p>Best practice examples of transdisciplinary research tackling global challenges</p> <p>Title: Combining Machine Learning and Satellite Spectral Indices to Map Floods</p>
4:30 pm	<p>Sentha Govin-Vel - Queensland University of Technology, Australia</p> <p>Best practice examples of transdisciplinary research tackling global challenges</p> <p>Title: Perspectives on Overparenting Behaviours - Sustainable Mental Health</p>	<p>Matthew Readette - Queensland University of Technology, Australia</p> <p>The role of transdisciplinary science in addressing research gaps in sustainable development</p> <p>Title: Transdisciplinary Approaches for Achieving UNSDGs: The RCT Model and Lessons from a Design Sprint</p> <p>Co-authors: Bahar Shafiei and Kaiwen Xue</p>	<p>Yousef Alzahrani - Queensland University of Technology, Australia</p> <p>Best practice examples of transdisciplinary research tackling global challenges</p> <p>Title: Developing a Framework for Risk Management of the Food Supply Chain in Queensland During a Natural Disaster Event:</p>
4:50 pm	<p>Jovanna Nathalie Cervantes Guzman - Queensland University of Technology, Australia</p> <p>Sustainable transformation of universities and innovative research focus (Case Study Approach)</p> <p>Title: Comparing women's entrepreneurship in two areas: STEM and Bio&MedTech</p> <p>Co-authors: Distinguished Professor Dietmar W Hutmacher, Associate Professor Shane Mathews</p>	<p>John Lyons - Queensland University of Technology, Australia</p> <p>Sustainable transformation of universities and innovative research focus (Case Study Approach)</p> <p>Title: Using a statistical framework to detect ecological regime shifts in Antarctica.</p>	<p>Manuela Benavides - Queensland University of Technology, Australia</p> <p>Transdisciplinary teams: How science can contribute to a sustainable future</p> <p>Title: Polyterra: Dystopian world building and systems thinking for a Circular Plastics Economy</p>

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5:10 pm	<p>Abdulrazzaq Shaamala - Queensland University of Technology, Australia</p> <p>Transdisciplinary teams: How science can contribute to a sustainable future</p> <p>Title: Artificial Intelligence for Green Infrastructure Optimisation to Tackle Climate Change</p>	<p>Bahar Shafiei - Queensland University of Technology, Australia</p> <p>Best practice examples of transdisciplinary research tackling global challenges</p> <p>Title: Design Sprints for Sustainable Solutions: A reflection of a transdisciplinary and international collaboration</p> <p>Co-authors: Kaiwen Xue, Sagar Jadhav and Matthew Readette</p>	<p>Sarah Kirkham - Queensland University of Technology, Australia</p> <p>The role of transdisciplinary science in addressing research gaps in sustainable development</p> <p>Title: Dance and the Future: Exploring Sustainability and Dance in an Education Context</p>
5:30 pm	<p>Fei Li - Queensland University of Technology, Australia</p> <p>The role of transdisciplinary science in addressing research gaps in sustainable development</p> <p>Rising urban heat vulnerability</p>	<p>Tanya Dodgen - Queensland University of Technology, Australia</p> <p>The role of transdisciplinary science in addressing research gaps in sustainable development</p> <p>Title: Leveraging collaboration: How non-academic partnerships can build bridges between scientists and the public</p>	<p>Hetti Liyanage Himanshi Chamalka Wijesingha - Queensland University of Technology, Australia</p> <p>Best practice examples of transdisciplinary research tackling global challenges</p> <p>Title: A Carbon-neutral, Ecologically Sustainable Pathway for Ammonia Synthesis</p>
5:50 pm	<p>Ritesh Jain - Queensland University of Technology, Australia</p> <p>Transdisciplinary teams: How science can contribute to a sustainable future</p> <p>Title: Real influence of fictional beings: Spokes characters as environmental communicators</p>	<p>Ella Dewilde - Queensland University of Technology, Australia</p> <p>The role of transdisciplinary science in addressing research gaps in sustainable development</p> <p>Title: Fit for use? Assessing the quality of available data used for agricultural sustainability metrics.</p>	<p>Nawodi Samarasiri - Queensland University of Technology, Australia</p> <p>The role of transdisciplinary science in addressing research gaps in sustainable development</p> <p>Title: Fostering sustainable international destination attachment by firms in an emerging market</p> <p>Co-authors: R. Wickramasekara, A. Tan</p>
6:10 pm	<p>Kapil Khanna - Queensland University of Technology, Australia</p> <p>Transdisciplinary teams: How science can contribute to a sustainable future</p> <p>Title: Adopting Circular Economy Strategies for SMEs: Exploring Opportunities for Competitive Advantage</p> <p>Co-authors: Swee Kuik and Joowon Ban</p>	<p>Andrew Reeves - De Montfort University, UK</p> <p>Sustainable transformation of universities and innovative research focus (Case Study Approach)</p> <p>Title: Mainstreaming sustainability across a UK university: principles and practices for civic engagement and Education for Sustainable Development</p>	<p>Isabel Fletcher - University of Edinburgh, UK</p> <p>Best practice examples of transdisciplinary research tackling global challenges</p> <p>Title: The SHAPE-ID toolkit</p>
6:30 pm	<p>Tomohiko Sakao - Linköping University, Sweden</p> <p>Best practice examples of transdisciplinary research tackling global challenges</p> <p>Title: Transdisciplinarity research experience and need of global perspectives</p>	<p>Alicia Minnerup - University of Mannheim, Germany</p> <p>The role of transdisciplinary science in addressing research gaps in sustainable development</p> <p>Title: A Quantitative Analysis of the Influence of CEO Characteristics on Company Sustainability in Family vs. Non-Family Firms</p> <p>Co-author: Jan-Philipp Ahrens</p>	<p>Biandri Joubert - The University of Witwatersrand, School of Law, South Africa</p> <p>The role of transdisciplinary science in addressing research gaps in sustainable development</p> <p>Title: The Potential of Transdisciplinary Research in Removing Barriers to the International Trade of Agricultural Goods</p>
6:50 pm	<p>Conference wrap-up and our future collaboration – Tasha Kitano</p> <p>Access here</p>		