Speaker: Dr Enayat Moallemi is a Principal Research Scientist with CSIRO Agriculture and Food and is based in Melbourne. Enayat uses modelling tools and knowledge co-production methods to design and evaluate decisions for sustainability transitions in an uncertain future. He approaches research questions with a systemic view of interactions and multi-sector dynamics between food/agriculture and other societal (e.g., equity) and environmental (e.g., energy) priorities. He also designs his research methodology using a range of knowledge sources and methods often from Decision-Making Under Deep Uncertainty, Multi-Sector Dynamics, System Dynamics, and Integrated Assessment Modelling.

Navigating agri-food system transitions

Like other industrialised economies around the world, Australia has greatly benefited from a multi-decadal focus on economic efficiency since the competition policy reforms of the 1990s. However, Australian communities and industries are under pressure to transition from a near-exclusive focus on production and economic efficiency goals, to include sustainability and social inclusion goals.

But what does the journey towards agri-food system transitions look like? And how can we bridge the gap between knowing *what* needs to change and understanding *how* to make it happen?

We have worked with a range of stakeholders and decision-makers across Australia and internationally to investigate agri-food system transitions and their intersections with energy, environment, and international development. These works have resulted in a series of reviews, frameworks, and analyses, exploring distinctive ways of building change-making capacity and supporting transitions toward more sustainable, healthy, nutritional, and equitable agri-food systems. This seminar will provide an overview of these contributions and reflect on key lessons from our recent work.