

# Program Day 1

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**Date:** Thursday, 6 February 2025 **Time:** 8:30am – 5:30pm

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**Venue:** University House, Woodward Centre

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**Registration:** Please find the registration table on entrance to the Woodward Centre

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<b>8:30 – 9:00</b>	<b>Registration</b>
9:00 – 9:30	<b>Welcome</b>
9:30 – 10:15	<b>Professor Felicia Wu</b> – Michigan State University Global Food Safety and Security in a Changing Climate: Navigating Uncertainties in Risks and Benefits
<b>10:15– 10:45</b>	<b>Morning Tea</b>
10:45 – 12:15	<b>Session 1</b> – Woodward 1, 2 and Room 0611
<b>12:15 – 1:00</b>	<b>Lunch</b>
1:00 – 2:30	<b>Session 2</b> – Woodward 1, 2 and Room 0611
<b>2:30 – 3:00</b>	<b>Afternoon Tea</b>
3:00 – 3:45	<b>Professor Sarah Bell</b> – The University of Melbourne Navigating Uncertainty and Resilience with Urban Communities
3:45 – 4:40	<b>Session 3</b> – Woodward 1 and 2 (joined) and Room 0611
<b>4:40 – 6:00</b>	<b>Poster Session and Networking Drinks, Woodward Lobby</b>
5:00 – 5:30	<b>Joint Book Launch, Woodward 1 and 2 (joined)</b> <ul style="list-style-type: none"><li>- <b><u>Biosecurity: A Systems Perspective</u></b>, ed. Susan M Hester, Lucie M Bland, Edith Arndt, Sana Bau, James S Camac, Evelyn Mannix, Raphael Trouve, Andrew P Robinson</li><li>- <b><u>Risk Management for Water Professionals: Technical, Psychological and Sociological Underpinnings</u></b>, Anna Kosovac</li></ul>

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**6:00pm Conference Dinner\***, University House Professors Walk

\*Additional ticket required to attend the Conference Dinner

## Program Day 2

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**Date:** Friday, 7 February 2025 **Time:** 9:15am – 5:00pm

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**Venue:** University House, Woodward Centre

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**Registration:** Please find the registration table on entrance to the Woodward Centre

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**9:15 – 9:30** **Welcome – Woodward 1 and 2**

9:30 – 10:15 **Professor Michael Siegrist** – ETH Zurich  
Romantic perception of nature and biased risk perceptions

**10:15– 10:45** **Morning Tea**

10:45 – 12:15 **Session 4** – Woodward 1, 2 and Room 0611

**12:15 – 1:00** **Lunch**

1:00 – 2:30 **Session 5** – Woodward 1, 2 and Room 0611

**2:30 – 3:00** **Afternoon Tea**

3:00 – 4:30 **Session 6** – Woodward 1 and 2 (joined) and Room 0611

**4:30 – 5:00** **Closing Remarks – Woodward 1 and 2**

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All abstracts can be found on our website:

<https://www.sra.org/regional-organizations/australia-new-zealand/annual-meeting/program/>



## Concurrent Sessions | Day 1

Presentation titles and lead authors listed. Abstracts can be found on the SRA ANZ conference webpage  
**Session 1 | 10:45 – 12:15**

Woodward 1		Woodward 2		Law School Room 0611	
<b>1A: Climate Adaptation and Uncertainty</b>		<b>1B: Risk Assessment and Planning</b>		<b>1C: Music and Risk</b>	
How can we improve climate adaptation planning?	<b>Ivan Villaverde Canosa</b>	Spatial Risk Analysis Integration in Climate Risk Assessments: A Global Review of Methodologies and Practices	<b>Mitchell Anderson</b>	The perceived risks of a basic income pilot for the arts from the Australian contemporary music sector	<b>Olivia Hally</b>
The World Will Not Achieve Net Zero by 2050: The Challenge of Meeting Emissions Reductions Targets in a Global Energy and Trade Model	<b>Tom Kompas</b>	A multidisciplinary approach to biofouling risk management	<b>Susie Hester</b>	Evaluating the Impact of Music on Hurricane Preparedness in the Caribbean	<b>Emiliano Rodriguez Nuesch</b>
Scenarios: using our capabilities for counterfactual thinking to reduce uncertainty	<b>Lynette Smith</b>	The rhetoric and reality of adaptation planning to climate risk: A case study of Buller District	<b>Alyssa Ryan</b>	Singing Death: Butcher Choirs and Voices of Resistance among Meatworkers in Australia	<b>Evelyn Lambeth</b>
Addressing Uncertainty in Climate Change Adaptation: Challenges and Solutions	<b>Tom Logan</b>	Navigating Choppy Waters - why are we always arguing about risk and uncertainty in marine multi-use environments and what can we do about it?	<b>Paula Blackett</b>		

## Session 2 | 1:00 – 2:30

Woodward 1		Woodward 2		Law School Room 0611	
<b>2A: Risk Perception and Psychology</b>		<b>2B: Artificial Intelligence</b>		<b>2C: Governance, Policy and Economics</b>	
Take the money and run: understanding the decision to cash out of a risky bet	<b>Daniel Bennett</b>	Risk elicitation to identify research and policy gaps at the intersection of climate change and cyber-physical systems	<b>David Johnson</b>	"Air pollution as a 'black swan': The comparative analysis of children's particulate air pollution (PAP) protection governance between Indonesia and Nepal." From the lab to the industrial park: lessons for the energy transition from past technology policy failures	<b>Erwin Nugraha</b>
Measuring individuals' understanding of risk: From risk literacy to risk know-how	<b>Olivia Jensen</b>	Quantifying AI Risk: Adapting cyber risk methodologies to AI security	<b>Harriet Farlow</b>		<b>Jan Hayes</b>
Integrating behavioral heterogeneity into models of climate risk and resilience	<b>Robyn Wilson</b>	Likelihood of AI Security Risks: Analysing public AI security incidents.	<b>Tania Sadhani</b>	Physical and Mental Health Conditions among 51 Deceased Leaders of Nuclear Weapon States	<b>Nick Wilson</b>
Climate Risk Perceptions and Speculative Fiction	<b>Anna Kosovac</b>	Operationalising AI Governance in Practice	<b>Michal Chorev</b>	Avoiding Disaster: Safe Returns on Investments in Biosecurity Measures	<b>Tom Kompas</b>

## Session 3 | 4:00 – 5:15

Woodward 1		Woodward 2		Law School Room 0611	
<b>3A: The Pacific and Risk</b>			<b>3B: Food and Risk</b>		
<b>Chair:</b>					
Sociocultural impacts of climate-induced relocation in Fiji: Vunidogoloa case study and its broader implications	<i>Lisa Neamati</i>			Island Risk and Resilience: New Zealand and the Unthinkable Consequences of Nuclear Conflict	<i>Matt Boyd</i>
Exploring climate migration in Pacific Small Island Developing States through a victimological lens	<i>Astrid Vachette</i>			Enhancing Global Resilience to Catastrophic Risks: Local Biofuel Production and Convertible Food Oil Facilities for Essential Services – An Aotearoa New Zealand Case Study	<i>Mike Hodgkinson</i>
Assessing public valuation of coastal protection solution for floods: an experimental study	<i>Tra Thi Trinh</i>			Biosecurity risk calculator: Tracking biosecurity risk of export fruit along the cold supply chain	<i>Himali Ratnayake</i>

## Concurrent Sessions | Day 2

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### Session 4 | 10:45 – 12:15

Woodward 1		Woodward 2		Law School Room 0611	
<b>4A: Biosecurity</b>		<b>4B: Misinformation and Risk</b>		<b>4C: Fire</b>	
Modelling biosecurity risk at the Tasmanian border via interception data and expert elicitation	<i>Nicholas P Moran</i>	(In)civility, disinformation and risk	<i>Darrin Durant</i>	Amplifying Wildfire Risk Preparedness in Southeast Australia: A Creative, Community-based Approach	<i>Emiliano Rodriguez Nuesch</i>
The methodology of biosecurity system evaluation – the New Zealand case study	<i>Julia Polak</i>	Future risky: misinformation and the challenge to temporal order	<i>Philip Pond</i>	Wildfire Risk Communication Website	<i>Hamish Clarke</i>
Integrating resilience thinking into biosecurity risk management	<i>Edith Arndt</i>	Bubbles, Silos, and Echo Chambers	<i>Mark Colyvan</i>	Reframing the concept of shared responsibility: identifying expectations for action to build more efficient dialogues	<i>Lucas Hovart</i>
Damages to environmental and ecosystem services: The large missing piece in the economics of biosecurity	<i>Lu-Yi Wang</i>	Strengthening the management of systemic risks during geopolitical rivalries	<i>Ivan Villaverde Canosa</i>	Bushfires and Road Safety Risk	<i>Tom Beer</i>

## Session 5 | 1:00 – 2:30

Woodward 1		Woodward 2		Law School Room 0611	
<b>5A: Sociological and Cultural Understandings</b>		<b>5B: Risk Perception</b>		<b>5C: Flooding</b>	
Who fears what and why? Cultural worldviews and the perception of natural hazard risk in Australia	<i>Melissa Parsons</i>	Incentivized personal carbon scores lower the carbon intensity of urban mobility and spill over to pro-science climate attitudes		Towards Open Science for Climate Risk: Identifying Combined Heat and Flood Exposure	<i>Carolynne Hultquist</i>
The Butterfly Effect: Identifying pathways for sustainability transformation through social processes of disaster resilience	<i>Belinda Davis</i>	Weather hazard risk perception, outdoor activities, and decision-making under uncertainty	<i>Victoria J. Heinrich</i>	A Monte Carlo Approach to Representing Flood Risk Uncertainty for Decision-Making	<i>Clevon Ash</i>
Risk and Innovativeness Perception of Emerging Technologies: Cross-cultural Differences in Evaluating Improvement Potential	<i>Jasper Teow</i>	Risk Perceptions of Climate Buffer Infrastructures	<i>Sandra Seno Alday</i>	A comprehensive framework for the multi-scale modelling of flood hazards in Aotearoa New Zealand	<i>Joe Pelmard</i>
Beyond the Hero Narrative: Exploring Women's Roles and Resilience in Disasters	<i>Loriana Bethune</i>	Government response to global catastrophic risks: What do the New Zealand public think?	<i>John Kerr</i>	Modelling urban development scenarios for assessment of future flood risk	<i>Katherine Booker</i>

## Session 6 | 3:00 – 4:30

Woodward 1		Woodward 2		Law School Room 0611	
<b>6A: Disaster Planning</b>		<b>6B: Risk Communication in Action</b>			
Predicting road blockages caused by rainfall- and earthquake-induced landslides in New Zealand	<i>Amelia Lin</i>			Community Risk Perception and Adaptive Strategies for Climate Change and Natural Hazards: A Case Study of Henderson-Massey, Auckland	<i>Iresh Jayawardena</i>
Evaluating the Resilience of Emergency Medical Services Following an Earthquake	<i>Chi-Hao Lin</i>			Exploring Inter-Professional Communication in Climate Adaptation: Challenges and Opportunities in Aotearoa New Zealand	<i>Nohah Forde</i>
Primary care access in the face of climate change	<i>Darcy Glenn</i>			Meeting people where they are: Four phenotypes for risk communication	<i>Olivia Jensen</i>
Predicting Emergency Medical Service Capacity and Distribution in Urban Areas During Seismic Disasters	<i>Xing-Yi Huang</i>			Co-Designing Disaster Preparedness: Tools of Engagement	<i>Brandy Alger</i>