

# UNSW Workshop on Risk & Actuarial Frontiers

## SUMMARY

The “UNSW Workshop on Risk and Actuarial Frontier: Climate Risk and Insurance” will bring together UNSW experts and industry thought leaders to discuss the role of insurance and actuarial science in addressing climate risks. The workshop is hosted by the [School of Risk and Actuarial Studies](#) at UNSW, in collaboration with the UNSW [Innovations in Risk, Insurance and Superannuation \(IRIS\) Knowledge Hub](#) and the UNSW [Institute for Climate Risk & Response](#). The workshop will address key issues such as climate risk projections, impact analysis, risk mitigation, insurance pricing, and insurance affordability.

The workshop will feature short industry and research presentations, discussions, and networking opportunities for the participants. Registration is free, but spaces are limited. We invite academics, research students and selected industry partners.

## DATE

Friday, 22 September 2023, 9.30 – 4:30 PM

(Registration and coffee on arrival from 8.45am)

## VENUE

Colombo Theatre C, Colombo House Theatres (entry through Gate Five, High Street) <https://goo.gl/maps/YhAn8adQPfxhcUgL6>

## CONTACT

School of Risk & Actuarial Studies, UNSW Sydney

- Maree Withers, [m.withers@unsw.edu.au](mailto:m.withers@unsw.edu.au)
- A/Prof Katja Hanewald, [k.hanewald@unsw.edu.au](mailto:k.hanewald@unsw.edu.au)
- A/Prof JK Woo, [j.k.woo@unsw.edu.au](mailto:j.k.woo@unsw.edu.au)

8:45 – 9:30	<p><b>Registration and Coffee on Arrival</b></p> <p>(Coffee pick up from <a href="#">Maze Café</a>, Gate 2 High Street)</p>
9:30 – 9:45	<p><b>Welcome</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Chris Styles</a>, Dean, UNSW Business School</li> <li>• <a href="#">Bernard Wong</a>, Head of School, UNSW School of Risk and Actuarial Studies (UNSW RAS)</li> </ul>
9:45 – 11:15	<p><b>Session 1: Understanding climate risk</b></p> <p>Moderator: <a href="#">Katja Hanewald</a>, UNSW RAS</p> <p>Speakers:</p> <ul style="list-style-type: none"> <li>• <a href="#">Ben Newell</a> (UNSW ICRR), “Climate endgame? (how) do people understand projections about future climate change?”</li> <li>• <a href="#">Alex Pui</a> (Commonwealth Bank), “Financial Risks of Climate Change: Piranhas or Red Herrings?”</li> <li>• <a href="#">Tim Neal</a> (UNSW ICRR), “The Importance of External Weather Effects in Projecting the Economic Impacts of Climate Change”</li> <li>• <a href="#">Qihe Tang</a> + <a href="#">Eugenia Fang</a> (UNSW RAS), “Understanding compound weather and climate events through the lens of systemic financial crises”</li> <li>• <a href="#">James Basman</a> (Allianz), “Climate change implications for financial risk management / scenario analysis and APRA's CPG 229”</li> </ul>
11:15 – 11:35	<p><b>Morning Tea at Rm LG02 Colombo Theatre</b></p>
11:35 – 1:00 PM	<p><b>Session 2: Insurance affordability</b></p> <p>Moderator: <a href="#">JK Woo</a>, UNSW RAS</p> <ul style="list-style-type: none"> <li>• <a href="#">Jeremy Moss</a> (UNSW Political Philosophy), “Justice and disaster insurance”</li> <li>• <a href="#">Sharanjit Paddam</a> (Finity) “Home insurance affordability”</li> <li>• <a href="#">Alison Drill</a> (Swiss Re), “Natural disaster risk and insurance affordability”</li> <li>• <a href="#">Elaine Collins</a> (UNSW RAS), “Cyclone reinsurance pool”</li> <li>• <a href="#">Fei Huang</a> (UNSW RAS), “Fairness-welfare analysis: A framework for ethical decision-making”</li> </ul>
1:00 – 2:30 PM	<p><b>Lunch at Rm LG02 Colombo Theatre</b></p>
2:30 – 3:55 PM	<p><b>Session 3: Pricing for climate risk in financial institutions</b></p> <p>Moderator: <a href="#">JK Woo</a>, UNSW RAS</p> <ul style="list-style-type: none"> <li>• <a href="#">Lisa Ye</a> (Suncorp), “Pricing for natural perils in general insurance”</li> <li>• <a href="#">Peiman Asadi</a> (IAG), “Pricing hailstorms in general insurance”</li> <li>• <a href="#">Matteo Malavasi</a> (UNSW RAS), “Real option approach to flood risk management”</li> <li>• <a href="#">Patrick Laub</a> (UNSW RAS), “Dependence modelling for natural catastrophes”</li> <li>• <a href="#">Ramona Meyricke</a> (IFM), “Pricing and modelling transition risk”</li> <li>• <a href="#">Yuhao Liu</a> (UNSW RAS), “Green bond pricing”</li> <li>• <a href="#">Katja Ignatieva</a> (UNSW RAS), “Challenges in electricity price modelling due to climate change”</li> </ul>
3:55 – 4:00 PM	<p><b>Workshop Wrap Up</b></p>
4:00 – 4:30 PM	<p><b>Afternoon Tea at Rm LG02 Colombo Theatre</b></p>