Invited Special Talk

"Transformative Disaster Solutions - Can We Stop Cyclones Before They Start?"

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Educations:

Ph.D. University of New South Wales Canberra



- 1. Tropical cyclone modelling
- 2. Cloud physics

Professional Career

Broadcast meteorologist and science communicator in television industry

Research Output

- <u>TL Tran</u>, EA Ritchie, SE Perkins-Kirkpatrick, H Bui, TM Luong. "Variations in rainfall structure of western North Pacific landfalling tropical cyclones in the warming climates". *Earth's Future*, 12 (2024): e2024EF004808.
- <u>TL Tran</u>, J Fan, D Rosenfeld, Y Zhang, R Prinsley, H Cleugh. "Investigation of the Sensitivity of Tropical Cyclones to Aerosol Intervention during Their Early Development Stage". AGU Fall Meeting Abstracts. **2023**.2611 (2023): A31P-2611.
- J Miller, A Tang, <u>TL Tran</u>, R Prinsley, M Howden. "The Feasibility and Governance of Cyclone Interventions". *Climate Risk Management.* **41** (2023): 100535.
- <u>TL Tran</u>, EA Ritchie, SE Perkins-Kirkpatrick, H Bui, TM Luong. "Future Changes in Tropical Cyclone Exposure and Impacts in Southeast Asia From CMIP6 Pseudo-Global Warming Simulations". *Earth's Future*. 10.12 (2022): e2022EF003118.
- <u>TL Tran</u>, EA Ritchie, SE Perkins-Kirkpatrick. "A 50-Year Tropical Cyclone Exposure Climatology in Southeast Asia". *Journal of Geophysical Research: Atmospheres*. **127.4** (2022): e2021JD036301.

