

LLOYD'S REGISTER FOUNDATION INSTITUTE FOR THE PUBLIC UNDERSTANDING OF RISK

Newsletter of the LRF Institute for the Public Understanding of Risk (IPUR) at NUS:

Our latest events and outputs include an ongoing series of disaster-related research briefs, international events in the UK and the US, and a commentary published in CNA on mask-wearing in Singapore. Read on to find out more in this newsletter.

Disasters in Asia – The People's Perspective

Research briefs framing the plight of people in Asia who face disruption from disaster-related events



Millions of people in Asia are affected by multiple disasters every year, ranging from typhoons, severe floods, wildfires to earthquakes and volcanoes. Drawing from the Lloyd's Register Foundation [World Risk Poll](#), IPUR is developing an ongoing set of research briefs to provide a glimpse of the realities of many people in Asia who face disruption from disaster-related events.

IPUR analyses and discusses facets of natural hazards that affect different

populations and call for greater investment in climate change adaptation and resilience. The briefs were presented at a ASEAN disaster management programme for senior managers organised by the Singapore Civil Defence Force. Download the briefs [here](#).



[Prof Heidi Larson](#) discussed some of the key factors that pave the way for rumours and misinformation to spread. In her research seminar on 23 September 2022, she offered some nuggets of takeaways:

1. Do not engage with a piece of information or news that you may think is false.
2. It is okay to not have all the information and admit that you don't.
3. Be mindful of the information you are sharing online and offline.

Watch the full recording [here](#).

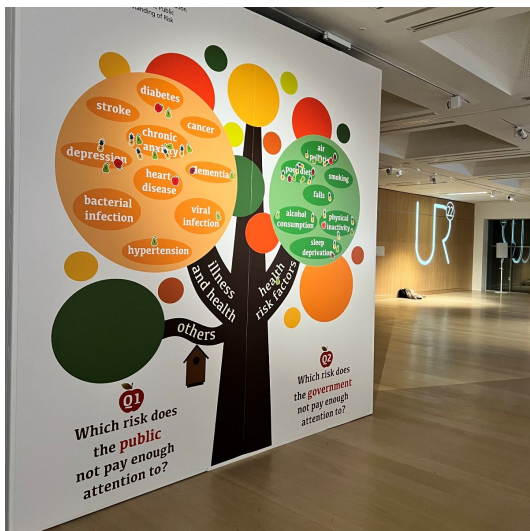




Communicating science and data through art

In collaboration with the Lloyd's Register Foundation and ArtScience Museum, IPUR organised the inaugural Art/Science Symposium bringing together world-leading experts to share their perspectives on creative communications in the sciences and engineering. Held on 16 November 2022, the hybrid event featured themes of science, risk, fragility, beauty and imagination.

One popular highlight of the event was the guided tour "MENTAL: Colours of Wellbeing." The exhibition featured 24 interactive exhibits, art projects and large-scale installations by international artists, makers, scientists and designers that reflect a range of perspectives on mental health and ways of being. Read more [here](#).



Ensuring communities worldwide have access to risk information

As part of the Understanding Risk (UR) Forum 2022, [Prof Leonard Lee](#), IPUR Deputy Director, was in the UK to be part of the UR London Satellite Hub. In his session "Risk

know-how in communities around the world," he joined risk practitioners to discuss experiences as well as challenges and successes in ensuring communities have risk know-how. The panellists also discussed at length how the Risk Know-How [Framework](#) can be used to support and guide the development of more nuanced community conversations around risk.

INSIGHTS

[Commentary: Mask-wearing now goes beyond just protecting against COVID-19](#)

First published in [CNA](#), IPUR wrote a commentary discussing how the different encounters people have with COVID-19 affect their risk perceptions and consequently their behaviours and actions. How people weigh up and feel about all these potential risks and considerations is likely to influence their risk tolerance and mask-wearing habits. Read the full article [here](#).

[Ongoing project to promote more effective diabetes-related care and treatment](#)

[Dr Carolyn Lo](#), IPUR research fellow, is leading a study on the effects of health and non-health beliefs on diabetes-related outcomes. The study aims to understand the beliefs that could negatively impact diabetes-related outcomes among individuals with type-2 diabetes and leverage findings to promote more effective care and treatment. Dr Lo presented preliminary findings of the study at the annual Society for Risk Analysis conference held in Tampa, Florida from 4-8 December 2022. Two seed grants have been secured to support the next phase of the project to develop interventions. Find out more [here](#).

[Introducing a conceptual framework to structure consumer research on health](#)

Prof Leonard Lee, IPUR Deputy Director, recently published a journal paper proposing a new framework to explain holistic drivers underlying consumers' health and medical decisions. Published in the *Journal of Consumer Research*, the framework consists of 5S's (**S**elf, **S**ocial, **S**olution, **S**ervice provider, **S**ocietal/**S**ituational) to help researchers organise and conceptualise consumer research on health. Read the paper [here](#).

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