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

Dear Colleagues and Friends,

Greetings from the Lloyd's Register Foundation Institute for the Public Understanding of Risk (IPUR) at the National University of Singapore. We are a research institute that aims to improve lives by transforming the risk communication landscape and improving the public understanding of risk.

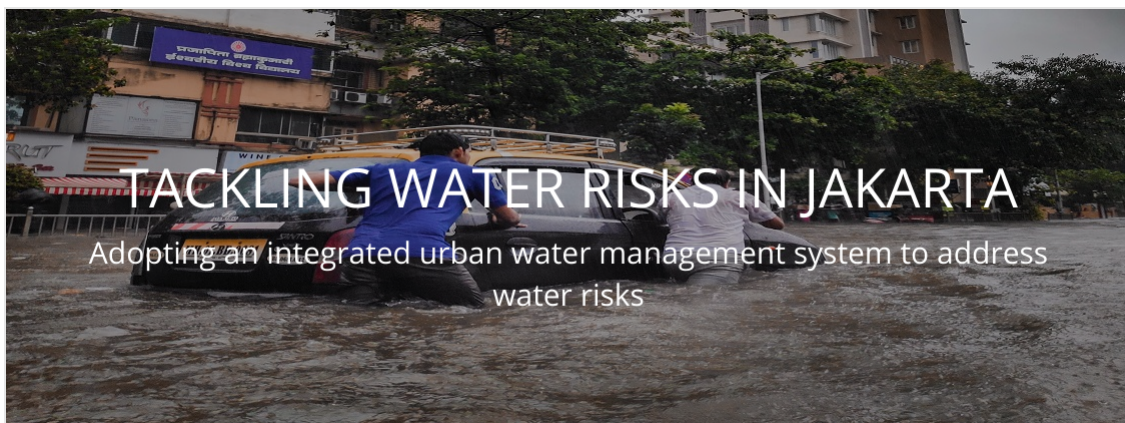
Despite the COVID-19 pandemic, IPUR has had many exciting developments in the last six months. Among other works that have academic and translational value, we have co-organised two virtual conferences (with World Bank and KAIST respectively). In addition, we will be conducting the "Mental Health and Well-Being Workshop for Academics" on 9 April and begin our flagship online course on "Understanding and Communicating Risk" on 27 April. Read on to find out more, and feel free to contact us if you are interested in collaborating.

Wishing you good health.

Koh Chan Ghee

Lloyd's Register Foundation Professor and Director, IPUR

HIGHLIGHTS



An ongoing study suggests that if challenges in the water sector are not addressed, water insecurity could reduce Indonesia's national income in 2045 by more than 7 percent. In partnership with the World Bank Jakarta, IPUR is working on a project to support the adoption of integrated urban water management in Indonesia.

Led by [Dr Olivia Jensen](#), IPUR Lead Scientist for Climate and Environment, the project highlights the need to enhance cooperation across administrative boundaries and has involved a major effort to collaborate with central and local governments to streamline data on the different facets of water security.



[Dr Reuben Ng](#), IPUR Lead Scientist for Data and Technology, launched a study titled “Sense-making Public Perceptions of Falls, Bone Health, and Caregiving”. The study called for better support for caregivers in Singapore, delving into the perceptions around falls, bone health and caregiving for osteoporotic patients.

In collaboration with Amgen and Edelman, a panel discussion was organised on 11 March to raise awareness of the challenges faced by osteoporotic patients and their caregivers. During the session, Dr Ng discussed findings from the study, Ms Kit Chan, Singaporean pop artist, shared her personal experience as a caregiver, and Dr Chionh Siok Bee, President of the Osteoporosis Society (Singapore), provided insights on bone health and the challenges caregivers face from a medical perspective.

UR2020¹⁰

IPUR is proud to have co-organised the Understanding Risk Forum, held virtually from 1-3 December 2020. Over 2,500 people from more than 180 countries attended the event. The full conference report can be found [here](#).

Mr Peter Ho, Chairman of the IPUR International Advisory Board gave a [keynote speech](#) on the role of memory and imagination in understanding and managing risks. IPUR organised a [session](#) titled “Global Risk Narratives and Communications: Strategy, Tools and

Cultural Considerations" which saw the institute launch two white papers on (1) *Global Risk Perception Gap: Comparing Societal Narratives and Individual Perceptions of Risk*; and (2) *Culture and Risk: Influence of Culture on Risk Experience and Perceptions*. The session tapped on data and insights from the 2019 World Risk Poll to guide discussions as well as the creation of an [impact video](#) by IPUR.



Congratulations to Dr Olivia Jensen for her work in Kathmandu being recognised in the [Lloyd's Register Foundation's Impact Review](#).

INSIGHTS AND PUBLICATIONS

[AI and the technology paradox: Learning from Japan's COVID-19 response](#)

How do we adopt advanced technologies such as AI and yet ensure that no one is left behind? Professor Heng Yee Kuang reviews Japan's experience in combating COVID-19 and highlights the importance of culturally-appropriate communications in inducing desired individual behavioural responses to better reduce risks.

[Digital inequality a risk to digital literacy](#)

Remote working and virtual collaboration tools are now norms in this "new normal" many of us face. There are however disadvantaged groups in society who lack access to these tools. Dr Carol Soon opines that such digital inequalities have far-reaching impact on people's well-being and digital literacy.

[Tips and tricks on communicating data effectively](#)

Dr Pablo Suarez, IPUR Artist-in-Residence, provides some tips and tricks on how best to work with data and use the results to tell stories that not just inform, but also intrigue and fascinate. He shares how data visualisers and professionals can improve the way they communicate information in engaging and insightful ways.

[Communicating risk amidst misinformation](#)

The volume and speed with which we receive and share information via social media makes fact-checking near impossible. IPUR organised a panel discussion titled "Communicating risk amidst misinformation" in the global event UR2020 to discuss the impact of misinformation on how people perceive and manage risks, and the options for risk communicators to counter fake news and its harmful effects.

Latest publications by the IPUR team

1. 40-Year Projections of Disability and Social Isolation of Older Adults for Long-Range Policy Planning in Singapore. [DOI:10.3390/ijerph17144950](https://doi.org/10.3390/ijerph17144950)
 2. Climate Policy and Industry Elite Perceptions of Risk and Uncertainty: A Cross-National Study. [DOI: 10.1080/08941920.2020.1797966](https://doi.org/10.1080/08941920.2020.1797966)
 3. Self-Acceptance and Interdependence Promote Longevity: Evidence From a 20-year Prospective Cohort Study. [DOI: 10.3390/ijerph17165980](https://doi.org/10.3390/ijerph17165980)
 4. Marketing Agility: The Concept, Antecedents, and a Research Agenda. [DOI: 10.1177/0022242920952760](https://doi.org/10.1177/0022242920952760)
 5. Ageism linked to culture, not demographics: Evidence from an 8-billion-word corpus across 20 countries. [DOI: 10.1093/geronb/gbaa181](https://doi.org/10.1093/geronb/gbaa181)
 6. Temporality and systemic risk: the case of green bonds. [DOI: 10.1080/13669877.2020.1843067](https://doi.org/10.1080/13669877.2020.1843067)
 7. Climate Change and Energy Futures - Theoretical Frameworks, Epistemological Issues, and Methodological Perspectives. [DOI: 10.1080/08941920.2020.1830456](https://doi.org/10.1080/08941920.2020.1830456)
 8. Cities seen through a relational lens. [DOI: 10.25162/gz-2019-0020](https://doi.org/10.25162/gz-2019-0020)
 9. City-states in relational urbanization: the case of Luxembourg and Singapore. [DOI: 10.1080/02723638.2021.1878331](https://doi.org/10.1080/02723638.2021.1878331)
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EVENTS



A 6-WEEK ONLINE COURSE ON EDX

UNDERSTANDING AND COMMUNICATING RISK

COURSE STARTS **27 April 2021** | **FREE TO ENROL (ADD A VERIFIED CERTIFICATE FOR US\$149)**

IPUR is proud to announce the launch of a Massive Open Online Course on Understanding and Communicating Risk. The aim of the introductory course is to help individuals get a taste of how to perceive and understand risks and to master the tools to communicate risk information effectively.

The course is designed to help different groups of people – professionals, government agencies, regulators and the media, and scientists and students – learn methods to improve their risk communication skills and apply them to practical interactions and situations in their daily life. Click [here](#) for more information and to register.

MENTAL HEALTH AND WELL-BEING WORKSHOP FOR ACADEMICS (9 APRIL 2021)

The mental health and well-being of academics is becoming an increasingly important issue. Long-running shifts in the university sector have created greater uncertainty for early-career researchers. With more women entering academia, the high demands of family and workplace expectations also present unique challenges. In partnership with the International Sociological Association, IPUR will conduct an interactive online workshop to address the practical aspects of academic mental health and well-being. Involving discussions with guest experts, the workshop is targeted at, but not limited to, early-career researchers and PhD students.



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