



JRACR: Call for Papers Special Issue “Response to COVID-19”



Guest Editor:

Name: Dr Vincent Ho

Affiliation: Hong Kong Association of Risk Management and Safety

Email: vsho.hkarms@gmail.com

Name: Prof Enrico Zio

Affiliation: Mines ParisTech and Politecnico di Milano

Email: enrico.zio@mines-paristech.fr, enrico.zio@polimi.it

Aims and Scope

The World is suffering from the Coronavirus pandemic, confirming that our society is vulnerable to global risk and that science and politics are challenged by the associated high uncertainties. This makes a number of old, foundational questions on risk and its management re-emerge. The pandemic has led to the implementation of different forms of social isolation as measures of mitigation. As a result, many industrial, social and cultural systems have suspended or significantly reduced their production, activities and services, with future effects still to be seen. With respect to this, a major issue for risk analysts and managers is how to deal with hazards and threats with a potential for extreme consequences and large uncertainties. In these cases, accurate predictions of what is coming cannot be made and the science-based decision making is difficult to design. The present special issue addresses the above, motivated by the pandemic outbreak that the whole World is experiencing and the consequences that it is suffering because of the Coronavirus, COVID-19. The main aim is to provide new reflections and knowledge on the proper assessment and handling of this type of risk, reviewing current perspectives, approaches and applications, and pointing to areas with the potential for enhancements, so that we can better confront global, highly uncertain and large consequence threats like the Coronavirus in the future.

Main topics and quality control

Pandemic predictive modelling

Pandemic crisis management

Pandemic and risk management

Pandemic and risk perception

Pandemic and risk acceptance

Ethics of resilience in pandemic crisis

Mental health in response to pandemic

OSH practitioners' perspective to the pandemic

Infectious disease response and business continuity plan



JRACR: Call for Papers Special Issue “Response to COVID-19”



Important Dates

Submission of papers:	15 Dec 2020
Notification of review results:	31 January 2021
Submission of revised papers:	1 March 2021
Notification of final review results:	15 April 2021

Submit your paper

Please inform the Guest Editor if you are interested to submit a paper for this special issue.

All papers have to be submitted via the Editorial Manager online submission and peer review system. Instructions will be provided on screen and you will be stepwise guided through the process of uploading all the relevant article details and files associated with your submission. All manuscripts must be in the English language.

To access the online submission site for the journal, please visit <https://www.editorialmanager.com/jracr/default.aspx>. Note that if this is the first time that you submit to the Journal of Risk Analysis and Crisis Response, you need to register as a user of the system first.

NOTE : Before submitting your paper, please make sure to review the journal's [Author Guidelines](https://www.atlantis-press.com/journals/jracr/author-guidelines) <https://www.atlantis-press.com/journals/jracr/author-guidelines> first.

Introduction of the guest editor(s)

Dr. Vincent Ho is a career risk management and safety professional with over 35 years of experience in transportation, nuclear, and defense industries. Dr. Ho holds BS, MS, PhD, and MBA from the University of California, Los Angeles. He is an Adjunct Professor at the University of Hong Kong, and the City University of Hong Kong. He also teaches at the Hong Kong University of Science and Technology on risk management related subjects.

Dr. Ho actively promotes the applications of risk management in enhancing safety. He is the 52nd President of Institutional of Occupational Safety and Health (IOSH), the world's largest health and safety professional membership organisation with over 48,000 members worldwide. Being a charity organisation, IOSH has a clear vision: a safe, healthy and sustainable world of work. Dr. Ho is the Founding Chairman of Hong Kong Association of Risk Management and Safety. He had served as the President of International Association of Probabilistic Safety Assessment and Management, and the President of Southern California Society for Risk Analysis.



JRACR: Call for Papers Special Issue “Response to COVID-19”



Prof Enrico Zio received the MSc degree in nuclear engineering from Politecnico di Milano in 1991 and in mechanical engineering from UCLA in 1995, and the Ph.D. degree in nuclear engineering from Politecnico di Milano and in probabilistic risk assessment at MIT in 1996 and 1998, respectively. He is full professor at the Centre for research on Risk and Crises (CRC) of Ecole de Mines, ParisTech, PSL University, France, full professor and President of the Alumni Association at Politecnico di Milano, Italy, eminent scholar at Kyung Hee University, Republic of Korea, distinguished guest professor at Tsinghua University, Beijing, China, adjunct professor at City University of Hong Kong, Beihang University and Wuhan University, China and Co-Director of the Center for REliability and Safety of Critical Infrastructures (CRESCI) and the sino-french laboratory of Risk Science and Engineering (RISE), at Beihang University, Beijing, China.

In 2020, he has been awarded the prestigious Humboldt Research Award, in recognition of being a World leading scientist in Risk and Resilience Assessment, Safety Analysis and Reliability Engineering of complex systems and infrastructures.

His research focuses on the modeling of the failure-repair-maintenance behavior of components and complex systems, for the analysis of their reliability, maintainability, prognostics, safety, vulnerability, resilience and security characteristics, and on the development and use of Monte Carlo simulation methods, artificial intelligence techniques and optimization heuristics.