

Time schedule of oral presentation

The Society for Risk Analysis, Asia Conference 2018 (13-14 March 2018)

Day 1 Morning

Session Title and Chair	Room	Start	End	Title	Author 1	Author 2	Author 3	Author 4	Author 5	Author 6	Author 7	Author 8
Food Safety Chair: Jun Sekizawa	M602 (6F)	920	940	Assessment of instructions on protection against food contaminated with radiocesium in Japan in 2011	Mayumi Seto	Koichiro Uriu	Isao Kawaguchi	Hiroyuki Yokomizo				
		940	1000	Old prejudice, new issues and solutions by way of good risk communication	Jun Sekizawa							
		1000	1020	What will/will not be changed by universal HACCP implementation in Japan	Tetsuma Hirota							
Natural Disaster Risk Chair: Tomofumi Koyama	M706 (7F)	920	940	The application of GNS to evaluate natural disaster risk in Kinki area	Yusuke Mukai	Tomofumi Koyama	Mamoru Kikumoto	Kazuya Itoh				
		940	1000	Regional Disparity of Seismic Risk in Japan and its Pricing with the Pareto distribution	Hiroyuki Ogura							
		1000	1020	A study on Disaster-related deaths associated with the Great East Japan Earthquake in Fukushima Prefecture	Minoru Kubo	Shoji Tsuchida	Taketo Shizuma					
Risk and Resilience in Urban Areas Chair: Yasunobu Maeda	M910 (9F)	920	940	Application of an Integrated Measurement Framework for City Resilience through the Consideration of Multiple Risks	Maiko Ebisudani	Akihiro Tokai						
		940	1000	Health Risk Assessment of Volatile Organic Compounds in Urban Areas	Seung-Han Hong	Dong-Chun Shin	Yong-Jin Lee	Young-Wook Lim				
		1000	1020	Risk communication on the safe use of chemicals in Taiwan	Wen-Lian Lee							

Day 1 Afternoon

Session Title and Chair	Room	Start	End	Title	Author 1	Author 2	Author 3	Author 4	Author 5	Author 6	Author 7	Author 8		
Organized session 1: Risk communication for disaster prevention policy of public infrastructure - from engineering viewpoint -	M602 (6F)	1600	1740	Development of method to evaluate seismic risk on facilities of nuclear power plant caused by slope collapse	Susumu Nakamura	Ikumasa Yoshida	Masuhiko Beppu							
				Risk Governance for advanced seismic design concept for resilience	Riki Honda									
				Performance of desaturated sand: tests and numerical analysis	Yumin Chen	Hanlong Liu	Ping Li	Senkai He	Zhi Fang					
				Rescue Time index for Emergency Response in Mandalay City, Myanmar	Yu Nandar Hlaing	Koji Ichii	Kyaw Zaya Htun							
				Monitoring of landslide disaster in Taiwan	Shih-Kai Wei									
Organized Session 2: Risk Governance for Chemical Risk Management Chair : Akihiro Tokai Naoya Kojima	M706 (7F)	1600	1750	Prototype model of chemical risk governance based on case studies in Japan	Akihiro Tokai	Naoya Kojima	Mianqiang Xue	Liang Zhou	Leticia Sarmiento dos	Takashi Machimura	Daisuke Sugino			
				Estimation of flows, stocks and emissions of Di(2-ethylhexyl) phthalate (DEHP) in Japan	Leticia Sarmiento dos Muchangos	Mianqiang Xue	Liang Zhou	Naoya Kojima	Takashi Machimura	Akihiro Tokai				
				Comprehensive assessment of chemicals in home appliances	Mianqiang Xue	Naoya Kojima	Liang Zhou	Leticia Sarmiento dos	Takashi Machimura	Akihiro Tokai				
				Probabilistic ecological risk assessment of AE and LAS in household detergents in Japan from 1960 to 2030	Liang Zhou	Mianqiang Xue	Naoya Kojima	Takashi Machimura	Akihiro Tokai					
				Risk trade-off analysis of adhesives replacement for laminated wood for housing between reducing indoor air contamination in use stage and increasing GHG emission in product stage	Naoya Kojima	Mianqiang Xue	Takashi Machimura	Liang Zhou	Leticia Sarmiento dos Muchangos	Akihiro Tokai				
Information and Behavior on Radiation Risk after NPP Accident Chairs: Kazuko Uno, Aiichiro Fujinaga	M804 (8F)	1600	1620	Return Migration after Catastrophic Disasters: A case of Fukushima Nuclear Power Plant Accident	Shingo Nagamatsu	Adam Rose	Jonathan Eyer							
				1620	1640	Time-line analysis of twitter opinions to broadcasted events concerning radiation risk after Fukushima nuclear accident	Hiroyuki A. Torii	Masaharu Tsubokura	Yosuke Onoue	Hitoshi Fujimiya	Kazuko Uno			
						Twitter analysis of public response to radiation exposure after the Fukushima Daiichi Nuclear accident	Kazuko Uno	Masaharu Tsubokura	Yosuke Onoue	Hitoshi Fujimiya	Hiroyuki A. Torii			
						How did the residents understand the information about the Fukushima accident and how did they act? : Group interviews to residents in Fukushima and voluntary evacuees	Aiichiro Fujinaga	Rumiko Murayama	Hiroki Kishikawa	Iwao Uchiyama				
						Japanese behavior toward radiological risk information after the Great East Japan Earthquake	Hiroki Kishikawa	Rumiko Murayama	Aiichiro Fujinaga	Iwao Uchiyama				
Crisis Management Chair: Sulfikar Amir	M910 (9F)	1600	1620	Agent-Based Modeling of Sociotechnical Resilience: A Case Study of Singapore Mass Rapid Transit	Fredy Tantri									
				1620	1640	Effects of Intraorganisational Interdependencies and Organisational Components on Crisis Response: A Case Study of Security Services Organisation	Justyna Tasic							
						1640	1700	Hidden Vulnerability and the Fukushima Nuclear Meltdown	Sulfikar Amir					
								1700	1720	Validation of agent-based simulation crowd control as a risk reduction measure	Tomoichi Takahashi	Katsuki Ichinose		

Day 2 Morning

Session Title and Chair	Room	Start	End	Title	Author 1	Author 2	Author 3	Author 4	Author 5	Author 6	Author 7	Author 8		
Organized session 3: Progress of Health Risk Assessment in Taiwan Chairs: Charlene Wu, Akihiro Tokai	M602 (6F)	900	1020	Taking risk assessment into consideration for setting up Chinese National Standards (CNS): take formaldehyde release from pressed wood products for example	I-Lun Hsiao	Yu-Chuan Chuang								
				Applying the National Food Consumption Database in assessing the stochastic risks from Japanese foods: A probabilistic health risk assessment	Charlene Wu	Kuo-Wei Chen	Yang-Ru Chen	Kuen-Yuh Wu						
				Development of cloud-based Food Safety Assessment System from Post-Market Surveillance with Bayesian inference via Markov Chain Monte Carlo technique	Yu-Chuan Chuang	Kuen-Yuh Wu								
				Incorporating Health Risk Assessment into Workplace Design	Shao Zu Huang	Yu-Chuan Chuang	Kuen-Yuh Wu							
Risk Perception and Risk Communication for NPP Accident Chair: Midori Aoyagi	M706 (7F)	900	920	Perception level of technical terms about the radiation effect on the human body by residents of Japan	Yoshitoku Yoshida									
				920	940	Structural Models of Public Risk Perception regarding Radioactive Substances in Food: A Comparison of Japan, South Korea and France	Yayoi Kito	Yoko Niiyama						
				940	1000	Risk Images and Their Origins of Health Effects from Radioactive Substances in Food: The Case Study in France in Comparative Perspective with Japan	Yoko Niiyama	Jean-Pierre Poulain	Haruka Ueda	Mathilde Labeaut	Laurence Tibère	Yayoi Kito		
				1000	1020	Importance of risk perception factors for the development of effective risk communication in existing exposure situations	Yuliya Lyamzina							
Mercury Risk Chair: Ling-Chu Chien	M804 (8F)	900	920	Public Awareness Evaluation for Proper Recovery of Fluorescent Lamps Waste and Mercury Emission Reduction	Kyosuke Kitaichi	Atsuko Hanashima	Akihiro Tokai	Naoya Kojima						
				920	940	Exposure to mercury may increase the levels of oxidative stress and the incidence of hyperglycemia	Hui-Tsung Hsu	Ai-Ling Han	Der-Yang Chou	Dong-Zong Hung	Chih-De Ho	Shu-Wen Lin	Hao-Han Ku	Yu-ChenDing
				940	1000	Health risk assessment of consuming fish caught in a priority clean-up river in Taiwan	Ching-Yi Horng	Yin-Shan Tsai	Shu-Juan Chen					
				1000	1020	Bioaccessibility and Health Risk Assessment of Mercury in Contaminated Soils in Taiwan	Ying-Lin Wang	Li-Chi Lai	Ming-Chien Tsou	Ling-Chu Chien	Hsing-Cheng His			
Environmental Risk Assessment and Management Chair: Susumu Ohnuma	M910 (9F)	900	920	Effects of trust and procedural fairness of public acceptance in multiple stakeholders: A case study of siting of wind power plants in Ishikari harbor area	Susumu Ohnuma	Miki Yokoyama	Mari Iino							
				920	940	Current situation and issues on municipalities' responses for accidents in chemical factories	Atsushi Imanaka	Takehiko Murayama	Shigeo Nishikizawa	Atsushi Nagaoka				
				940	1000	Stepwise decision making and procedural fairness on the long-term management of the designated waste facilities	Miki Yokoyama	Susumu Ohnuma						
				1000	1020	Developments of official transport safety investigation and management institution in Japan, its past, present and challenge	Hideo Osuga							

Day 2 Afternoon (1)

Session Title and Chair	Room	Start	End	Title	Author 1	Author 2	Author 3	Author 4	Author 5	Author 6	Author 7	Author 8
Organized Session 4: Risk Computing: Enabling Risk Analysis with Big Data and Data Science Chair: Ming-Che Hu	M602 (6F)	1300	1450	Urban risk dynamics: analyzing disaster risk through urban metabolic computing	Tailin Huang							
				Issues on environmental data analysis and risk assessment	Hwa-Lung Yu							
				A geo-computational algorithm for tracking epidemic progression in time and space	Tzai-Hung Wen	Wei-Chien-Benny Chin	Ming-Che Hu					
				Characterizing diffusion dynamics of disease clustering: A modified space-time DBSCAN (MST-DBSCAN) algorithm	Fei-Ying Kuo	Tzai-Hung Wen	Clive Eric Sabel					
				Detecting urban water bodies in Synthetic Aperture Radar (SAR) images: A modeling framework for estimating radar double-bounce effects	Hao-Yu Liao	Tzai-Hung Wen						
Organized Session 5: Regulatory science in risk assessment and management – its framework and application- Chair: Kyoko Ono	M706 (7F)	1300	1440	Risk Research and Regulatory Perspective	Kyoko Ono							
				Solution-Focused Regulatory Science and related Risk Assessment frameworks	Kenkichi Fujii							
				Decommissioning as a challenge to risk governance – safety, security and safeguards in the decommissioning of a nuclear reactor	Marja Ylonen							
Risk Communication Strategy Chair: Yusuke Toyoda	M804 (8F)	1300	1320	Contributing Factors to Intention to Participate in Disaster Sport Festivals and Events	Yusuke Toyoda							
		1320	1340	Analysis of Long Term Effects on Education for Disaster Risk Reduction: A Case Study of Kuroshio-town, Kochi-prefecture	Takashi Sugiyama	Katsuya Yamori						
		1340	1400	Development of risk communication strategy using psychological difference between public and expert perception	Yong Jin Lee	Seung Han Hong	Bo Ra Wi	Young Wook Lim	Dong Chun Shin			
Economic and Insurance Perspectives Chair: Atsuo Kishimoto	M910 (9F)	1300	1320	Moral Hazard in Loss Reduction and State Dependent Utility	Jimin Hong	S. Hun Seog						
		1320	1340	Risk aversion, ambiguity aversion and individuals' characteristics	Tomoko Yotsuzuka							
		1340	1400	Business continuity and organization culture: analysis of long-lived companies in Thailand and Japan	Saruta Ekataksin	Yasunobu Maeda						
		1400	1420	New business development aiming to save women living in Bangladesh poor rural area, and qualification of its effectiveness and happiness: Approaching by Japan-Bangla collaboration with traditional handicraft "Nakshikantha"	Tomoe Mikawa							
		1420	1440	Research on climate change risk assessment and risk information financial disclosure based on TCFD recommendations in private companies	Koji Hasegawa							

Day 2 Afternoon (2)

Session Title and Chair	Room	Start	End	Title	Author 1	Author 2	Author 3	Author 4	Author 5	Author 6	Author 7	Author 8
Kansai University Special Seminar	Muse Hall (5F)	1500	1640	Special Seminar	Kansai University							
Chemical Risk Assessment and Management Chair: Takehiko Murayama	M706 (7F)	1500	1520	A Risk Assessment on Human Health Impacts Induced by Illegal Dumping of Hazardous Wastes in West Java, Indonesia	Nugraha Sharif Husein	Takehiko Murayama	Shigeo Nishikizawa					
		1520	1540	The skin irritation risk of concurrent exposed to linalool and salicylic acid: using an in-vitro modeling estimation	Yi-Ting Nien	Yi-Ling Luo	Geng-Li Zhu	Yao-Hong Wang	Jing-Fang Hsu	Tzu-Chieh Chou		
		1540	1600	Risk assessment by Using Biological Samples of DEHP: Risk Assessment of DEHP	Geonwoo Lee	Young-Wook Lim	Ji-Yeon Yang	Yong-Jin Lee	Dong-Chun Shin			
		1600	1620	How do expert groups judge data sufficiency to set occupational exposure limits?	Linda Schenk	Gunnar Johanson						
Industrial and Worker's Risk Management Chair: Kiyotaka Tsunemi	M804 (8F)	1500	1520	Development of the failure mode analysis method using deviation analyses of design specification with stress-strength model for functional materials in conceptual design stages	Tomoyuki Okabe	Yuichi Otsuka						
		1520	1540	Screening Risk Assessment of Energy Carrier of Hydrogen in a Hydrogen Refueling Station	Kiyotaka Tsunemi	Etsuko Kato	Akemi Kawamoto	Takehiro Kihara	Kikuo Yoshida	Madoka Yoshida	Kyoko Ono	
		1540	1600	The concept of public safety for technological systems: A case study of a hydrogen fueling station	Jo Nakayama	Atsumi Miyake						
		1600	1620	Ergonomic Interventions in WMSDs Prevention – A case study using 3D twist insoles to reduce the body pain for nurses in a hospital	Hsin Hua Tu	Wen-Lian Lee						
Home and Society Risk, Ethics Chair: David Good	M910 (9F)	1500	1520	Uncertainty of consumer exposure by various sample sizes for exposure factors of consumer products	Kiyoung Lee	Hyunkyung Ban						
		1520	1540	Understanding Acceptable Risk Reductions for Autonomous Vehicles	David Good	Yingying Miao						
		1540	1600	What Makes People React to Tragic Loss at Overseas Factory? The Differing impact of Consumers' Moral Foundations on Boycott in the US and Malaysia	KyuJin Shim							
		1600	1620	A Framework for Describing Risk Information in Living Spaces	Kun Zhang	Yoshiki Mikami						

Day 2 Afternoon (3)

Session Title and Chair	Room	Start	End	Title	Author 1	Author 2	Author 3	Author 4	Author 5	Author 6	Author 7	Author 8	
Greenhouse Gas Emission and Risk Governance Chair: Akihiro Tokai	M706 (7F)	1640	1700	Input-output linear programming model to assess climate policy on greenhouse gas emission mitigation in Vietnam	Hoa Thi Nguyen								
		1700	1720	The Status of Expert Agreement in the IPCC's Uncertainty Framework	Hiroyuki Kano								
		1720	1740	Evaluation and future scenarios for sustainable energy metabolic system in Sri Lanka	Konara Mudiyansele Gayani Kaushalya Konara	Akihiro Tokai	Naoya Kojima						
Risk Perception and Risk Communication Chair: Naoko Kato-Nitta	M804 (8F)	1640	1700	The framing effects of compensation on acceptance of NIMBY facility: A scenario experiment of High level radioactive waste geological repository	Mari Iino	Susumu Ohnuma	Yukio Hirose	Hideaki Osawa	Shoji Ohtomo				
		1700	1720	Media representation of HPV Vaccine Controversy in a Hybrid Media Environment in Japan	Naiwen Hong	Mikihito Tanaka							
		1720	1740	Different genomic technologies applied for plant breeding influence differently on people's risk perceptions	Naoko Kato-Nitta	Tadahiko Maeda	Masashi Tachikawa						
Health Risk Management and Communication Chair: Rosnah Ismail	M910 (9F)	1640	1700	Production Analysis of Health Promotion Video through Mobile Learning	Faiz Daud	Rosnah Ismail	Sazman Wahab	Nabilah Othman	Natrah Abd Rani				
		1700	1720	Risk analysis in deciding chemoprophylaxis prerequisite against zoonoses among dog handlers: What is new?	Rosnah Ismail	Mohd Rafee Baharudin	Noor Hassim Ismail	Seng Fong Lau	Kuan Hua Khor	Soon Heng Goh	Faiz Daud		