

35th Annual Conference of International Society for Environmental Epidemiology
17-21 September 2023, Kaohsiung, Taiwan

SCIENTIFIC PROGRAM

SEPTEMBER 17, SUNDAY

START	END	HALL 301 A	HALL 301 B	HALL 304 A	HALL 304 B	HALL 302 A	HALL 302 B	HALL 303 A	HALL 302 E	HALL 303 E	HALL 303 D	HALL 303 C	
10:00	13:00						WORKSHOP 2 (FULL DAY) Bayesian spatiotemporal modelling for environmental data with NIMBLE	WORKSHOP 3 Environmental Epidemiology, Genomics, Microbiomics, and AI: Advancements and Opportunities for Disease Prevention using Medical Big Data					
13:00	14:00						LUNCH BREAK						
14:00	17:00						WORKSHOP 2 (continued)	WORKSHOP 4 Defining fundamental capacity and capability needs for Environmental Public Health Services: East meets West experiences					
17:30	18:30	NEW MEMBERS NETWORKING EVENT (at the Welcome Reception venue)											
18:30	19:30	ISEE WELCOME RECEPTION											

SEPTEMBER 18, MONDAY

START	END	HALL 301 A	HALL 301 B	HALL 304 A	HALL 304 B	HALL 302 A	HALL 302 B	HALL 303 A	HALL 302 E	HALL 303 E	HALL 303 D	HALL 303 C	DISCUSSION AREA
Sessions in Halls 301 A, 301 B, 304 A and 304 B will be streamed in hybrid platform													
09:00	09:30	OPENING CEREMONY											
09:30	10:15	KEYNOTE LECTURE 1 Epidemiology to Inform Public Policy Decisions Chien-Jen Chen, Taiwan											
10:15	11:00	KEYNOTE LECTURE 2 Addressing Multi-Risks: Innovative Approaches Are Probably Required Yun-Chul Hong, Republic of Korea											
11:00	11:30	COFFEE BREAK & POSTER VIEWING											
11:30	13:00	SYMPOSIUM 01 Housing for health in a rapidly changing climate	SYMPOSIUM 02 Built Environment and Urban Health in East-West Contexts	SYMPOSIUM 03 Environmental Justice: reducing the gap between environmental movements and research.	SYMPOSIUM SESSION 04 Arsenic Epidemiology from East to West and Past to Present	ORAL PRESENTATIONS 1 Planetary Health (1)	ORAL PRESENTATIONS 2 Air Pollution Measurement and Modelling (1)	ORAL PRESENTATIONS 3 One Health (1)	ORAL PRESENTATIONS 4 Air Pollution and Mortality	ORAL PRESENTATIONS 5 Heat Exposure and Health (3)	ORAL PRESENTATIONS 6 Environmental Factors and Child Health (1)	VIRTUAL ONLY AMERICAS (1)	
13:00	14:30	LUNCH BREAK / CHAPTER & COMMITTEE FAIR											
14:30	16:00	SYMPOSIUM 5 Statistical approaches to evaluate health effects of chemical mixtures: how do novel methods compare?	SYMPOSIUM 6 Environmental exposures and pregnancy outcomes in Korea: results from Korean Children's Environmental Health Study(KO-CHENS)	SYMPOSIUM 7 Can climate change reduce the health benefits of physical activity? – How climate change mitigation measures (such as cleaner, greener, quieter cities) may bring physical activity co-benefits for health and well-being	SYMPOSIUM 8 QUALYs, lifetime medical costs, and productivity potentially saved by prevention: Estimation methods & examples	ORAL PRESENTATIONS 7 Temperature, Air Pollution, and Health (1)	ORAL PRESENTATIONS 8 Air Pollution and Birth Outcomes (1)	ORAL PRESENTATIONS 9 Machine Learning and Predictive Models (1)	ORAL PRESENTATIONS 10 Air Pollution and Cardiovascular Health (1)	ORAL PRESENTATIONS 11 Green Spaces and Health (2)	ORAL PRESENTATIONS 12 Chemical Exposures and Birth Outcomes (1)	VIRTUAL ONLY ASIA PACIFIC (1)	POSTER DISCUSSION 1-2-3
16:00	17:00	COFFEE BREAK & POSTER VIEWING											
17:00	18:30	SYMPOSIUM 9 Kawasaki disease and Environmental Stressors	SYMPOSIUM 10 Joint Environmental Exposures and Psychosocial Stressors: Risk to Cognition and Mental Health	SYMPOSIUM 11 Assessing Air Pollutants and Health Impacts with Sensors	SYMPOSIUM 12 Health and mental health are associated with threats and humiliation at the workplace	PECHA KUCHA SESSION 1 Meteorological Impacts and Health	PECHA KUCHA SESSION 2 Air Pollution and Health	ORAL PRESENTATIONS 13 Mental Health and Environmental Factors (2)	ORAL PRESENTATIONS 14 Child and Adolescent Health and Environmental Exposures (1)	ORAL PRESENTATIONS 15 Temperature, Air Pollution, and Health (2)	ORAL PRESENTATIONS 16 Endocrine Disruptors and Reproductive Health (1)	VIRTUAL ONLY EUROPE / AFRICA (1)	
18:30	19:30	GENERAL MEMBERSHIP MEETING											

SEPTEMBER 19, TUESDAY

Sessions in Halls 301 A, 301 B, 304 A and 304 B will be streamed in hybrid platform													
START	END	HALL 301 A	HALL 301 B	HALL 304 A	HALL 304 B	HALL 302 A	HALL 302 B	HALL 303 A	HALL 302 E	HALL 303 E	HALL 303 D	HALL 303 C	DISCUSSION AREA
07:30	08:30					EARLY MORNING SESSION 1 Effective Involvement of ISEE members in United Nations' International climate policy		EARLY MORNING SESSION 3 Enhancing the quality and generalizability of clinical trials through environmental epidemiology: opportunities and challenges	EARLY MORNING SESSION 4 Environmental health literacy perspectives on air pollution: instrument development, community survey, and educational intervention	EARLY MORNING SESSION 5 Health effects of new and emergent environmental pollution	EARLY MORNING SESSION 6 Climate adaptation research around the globe	EARLY MORNING SESSION 7 Transitioning from PhD to Postdoc	
08:30	09:15	KEYNOTE LECTURE 3 Future of Environmental Epidemiology Zorana Jovanovic Andersen, Denmark											
09:15	10:00	KEYNOTE LECTURE 4 Environmental Health in Latin America: Challenges, evidences and actions Nelson Gouveia, Brazil											
10:00	10:30	COFFEE BREAK & FREE POSTER VIEWING											
10:30	12:00	SYMPOSIUM 13 Navigating Climate Challenges from East to West: Quantifying Impacts, Exploring Opportunities, and Building Resilient Systems.	SYMPOSIUM 14 Aircraft noise and health research—origins, recent developments and future directions	SYMPOSIUM 15 Environmental chemicals as endocrine disrupting chemicals: Current evidence from the Birth Cohorts of Asia	SYMPOSIUM 16 Uncovering the Hidden Burden of Tropical Cyclones on Public Health Globally	ORAL PRESENTATIONS 17 Green Spaces and Health (1)	ORAL PRESENTATIONS 18 Air Pollution Measurement and Modelling (2)	ORAL PRESENTATIONS 19 Heat Exposure and Health (2)	ORAL PRESENTATIONS 20 COVID-19 and Environmental Factors (1)	ORAL PRESENTATIONS 21 Heavy Metals, Chemical Compounds and Health Outcomes (3)	ORAL PRESENTATIONS 22 Environmental Inequalities and Health Risks (1)		VIRTUAL ONLY AMERICAS (2)
12:00	13:30	LUNCH BREAK											
13:30	15:00	SYMPOSIUM 17 Early Warning Systems for Enhancing Community Resilience Against Climate Change Driven Diarrheal Disease Burden in the Asia Pacific Region.	SYMPOSIUM 18 The Hot Topic: Navigating Urban Heat and Health Equity In and Outside the Home	SYMPOSIUM 19 Environmental factors and COVID-19	SYMPOSIUM 20 Indoor portable air purifiers: Lessons and findings from research and clinical trials	ORAL PRESENTATIONS 23 Public Health and Disease Management (1)	ORAL PRESENTATIONS 24 Air Pollution and Birth Outcomes (2)	ORAL PRESENTATIONS 25 Sensor Technology (1)	ORAL PRESENTATIONS 26 Air Pollution and Cardiovascular Health (3)	ORAL PRESENTATIONS 27 Occupational Health Risks (1)	ORAL PRESENTATIONS 28 Chemical Exposure and Birth Outcomes (2)		VIRTUAL ONLY EUROPE / AFRICA (2)
15:00	16:00	COFFEE BREAK & FREE POSTER VIEWING											
16:00	17:30	ORAL PRESENTATIONS 29 Temperature, Air Pollution, and Health (3)	ORAL PRESENTATIONS 30 Air Pollution and Mortality (2)	ORAL PRESENTATIONS 31 Mental Health and Environmental Factors (1)	ORAL PRESENTATIONS 32 Environmental Factors and Child Health (2)	PECHA KUCHA SESSION 3 Environmental Impacts and Health	PECHA KUCHA SESSION 4 Environmental Epidemiology	ORAL PRESENTATIONS 33 Lifestyle Factors and Health Outcomes (1)	ORAL PRESENTATIONS 34 Air Pollution and Child Health (1)	ORAL PRESENTATIONS 35 PFAS and Health Outcomes (1)	ORAL PRESENTATIONS 36 Air Pollution and Respiratory Health (1)		VIRTUAL ONLY EUROPE / AFRICA (3)
17:40	21:40	SNRN EVENT											

SEPTEMBER 20, WEDNESDAY

Sessions in Halls 301 A, 301 B, 304 A and 304 B will be streamed in hybrid platform													
START	END	HALL 301 A	HALL 301 B	HALL 304 A	HALL 304 B	HALL 302 A	HALL 302 B	HALL 303 A	HALL 302 E	HALL 303 E	HALL 303 D	HALL 303 C	DISCUSSION AREA
07:30	08:15					EARLY MORNING SESSION 8 Study of Developmental Origins of Health and Disease (DOHaD): Using examples of endocrine-disrupting chemicals and neurodevelopment in children in Asian countries	EARLY MORNING SESSION 9 Overview and comparison of mental health problems among adolescents living in different environmental conditions in Indonesia	EARLY MORNING SESSION 10 Health effects of persistent low-level exposure to environmental trace elements: evidence across the globe	EARLY MORNING SESSION 13 Beyond Academia: Environmental health priorities, new data sources and research to practice efforts addressing heterogeneous populations – perspectives from the US Centers for Disease Control and Prevention				
08:15	08:45	AWARD CEREMONY											
08:45	09:30	KEYNOTE LECTURE 5 Environment, Health, and Justice: The Power of Communities and Interdisciplinary Science Ana Novas-Aceles, USA											
09:30	10:15	KEYNOTE LECTURE 6 Racial disparities in personal care products and environmental endocrine disrupting chemicals Tamara James-Todd, USA											
10:15	10:45	COFFEE BREAK & FREE POSTER VIEWING											
10:45	12:15	SYMPOSIUM 21 Air Pollution in Africa: Assessing Risk, Implementing Interventions and Protecting Health on the Continent	SYMPOSIUM 22 Climate change and Urban health in East Asia	SYMPOSIUM 23 The emerging chemicals – biotoxines, exposure/health risk assessment and management	SYMPOSIUM 24 Earth Observation for Environmental Epidemiology	ORAL PRESENTATIONS 37 Infectious Diseases and Environmental Factors (1)	ORAL PRESENTATIONS 38 Air Pollution Measurement and Modelling (3)	ORAL PRESENTATIONS 39 Quantitative Methods in Environmental Health Research (1)	ORAL PRESENTATIONS 40 Environmental Policies and Impact Assessment (1)	ORAL PRESENTATIONS 41 Quality of Place (1)	ORAL PRESENTATIONS 42 Extreme Weather Events and Health (1)		VIRTUAL ONLY AMERICAS (3)
12:15	13:45	LUNCH BREAK											
13:45	15:15	ORAL PRESENTATIONS 43 Green Spaces and Health (3)	ORAL PRESENTATIONS 44 Air Pollution and Mortality (3)	ORAL PRESENTATIONS 45 Heavy Metals, Chemical Compounds and Health Outcomes (1)	ORAL PRESENTATIONS 46 Environmental Factors and Child Health (3)	ORAL PRESENTATIONS 47 Heat Exposure and Health (1)	ORAL PRESENTATIONS 48 Air Pollution and Cardiovascular Health (4)	ORAL PRESENTATIONS 49 Genetic and Epigenetic Studies (1) / Epidemiological Studies (1)	ORAL PRESENTATIONS 50 Air Pollution and Child Health (2)	ORAL PRESENTATIONS 51 Pesticides and Health Risks (1)	ORAL PRESENTATIONS 52 Air Pollution and Health Effects (1)		VIRTUAL ONLY AMERICAS (4)
15:15	16:15	COFFEE BREAK & FREE POSTER VIEWING											
16:15	17:45	SYMPOSIUM SESSION 25 Environmental health data and research: Ethical challenges and opportunities in the technology age	SYMPOSIUM SESSION 26 Impact of the Climate Change Crises on Child Health	SYMPOSIUM SESSION 28 Current practice and challenges in integrating biomarkers and PBPA/PD for chemical risk assessment		ORAL PRESENTATIONS 53 Wildfire Exposure and Health (1)	ORAL PRESENTATIONS 54 Air Pollution and Respiratory Health (2)	ORAL PRESENTATIONS 55 Respiratory Health and Environmental Exposure (1)	ORAL PRESENTATIONS 56 Air Pollution and Maternal/Child Health (1)	ORAL PRESENTATIONS 57 Occupational Health Risks (3)	ORAL PRESENTATIONS 58 Air Quality Monitoring (1)		VIRTUAL ONLY EUROPE / AFRICA (4)
18:30	21:30	CONFERENCE DINNER											

SEPTEMBER 21, THURSDAY

Sessions in Halls 301 A, 301 B, 304 A and 304 B will be streamed in hybrid platform

START	END	HALL 301 A	HALL 301 B	HALL 304 A	HALL 304 B	HALL 302 A	HALL 302 B	HALL 303 A	HALL 302 E	HALL 303 E	HALL 303 D	HALL 303 C	DISCUSSION SPACE
08:30	09:15	ISEE JOHN GOLDSMITH AWARD LECTURE Francine Laden, USA											
09:15	10:00	KEYNOTE LECTURE 7 Progress on Protecting Maternal and Child Health from Environmental Contaminants Jun Jim Zhang, China											
10:00	10:30	COFFEE BREAK & FREE POSTER VIEWING											
10:30	12:00	ORAL PRESENTATIONS 59 Heavy Metals, Chemical Compounds and Health Outcomes (2)	ORAL PRESENTATIONS 60 Air Pollution and Mortality (4)	ORAL PRESENTATIONS 61 Indoor Air Quality (1)	ORAL PRESENTATIONS 62 Air Pollution and Health Effects (2)	ORAL PRESENTATIONS 63 Mental Health and Environmental Factors (3)	ORAL PRESENTATIONS 64 Chemical Exposure and Child Health (1)	ORAL PRESENTATIONS 65 Occupational Health Risks (2)				VIRTUAL ONLY AMERICAS (5)	
12:00	12:30	SNBN AWARDS CEREMONY & CLOSING											