

Day 1: Tuesday, December 14th 2021

Opening Ceremony 08:00-10:00

Session 1: The Role of Environmental Health in the Prevention and Control of Diseases (with Emphasis on COVID-19) 10:15-12:00

Members of session: Prof. Masud Yunesian, Prof. Alireza Mesdaghinia, Prof. Mahmood Alimohammadi, Dr. Amir Hossein Mahvi, Prof. Ali Asghar Najafpoor

		Title
10:15	Dr. Susana Paixão	Keynote speech: The Role of Environmental Health in the Prevention and Control of Emerging and Reemerging Diseases
10:30	Prof. Jörg Spitz	Keynote speech: Environment – One of the Key Factors in Times of Pandemic
10:45	Dr. Mohammad Mehdi Gouya	Keynote speech: The importance of social measures, smart system, and environmental ventilation for control and prevention of COVID-19
11:00	Eng. Alireza Babaei	Article 1: Promoting Preventive Behaviors of COVID-19 Spread in Dormitories and Student Centers: A theory-based educational intervention
11:15	Dr. Samaneh Dehghan	Article 2: Safe methods of water treatment in Covid-19 pandemic conditions in areas without centralized treatment system
11:30	Dr. Fatemeh Yousefian	Article 3: The effect of COVID pandemic on ambient air particulate matter of areas with different socio-economic status: a case study of Tehran
11:45	Q & A	



Session 2: National and Global Environmental Health Challenges 13:30-15:00

Members of session: Prof. Davarkhah Rabbani, Prof. Mohammad Ali Zazouli, Prof. Anoushiravan Mohseni-Bandpei, Prof. Hamed Mohammadi, Prof. Mehdi Ahmadi Moghaddam

		Title
13:30	Prof. Jahangir Abedi Koupai	Keynote speech: Environmental effects of over-exploitation of groundwater resources
13:45	Dr. Abbas Ostadtaghizadeh	Keynote speech: Environmental Actions for Climate Adaptive Cities
14:00	Dr. Hoda Ghasemieh	Article 1: Investigation of groundwater quantitative and qualitative status in Kashan plain aquifer and its on environmental consequences
14:15	Eng. Azadeh Binaee Haghighi	Article 2: Representation comprehensive management components for stray dogs By combining citizenship attitudes and successful world experiences
14:30	Eng. Maryam Seyed Mousavi	Article 3: Challenges of plastic waste management during the COVID-19 pandemic
14:45	Q & A	

Webinar 1: Entrepreneurship and knowledge-based economy in environmental health engineering 17:00-20:30

Day 2: Wednesday, December 15th 2021

Session 1: Biomonitoring of Environmental Pollutants 08:00-09:30

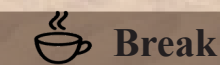
Members of session: Prof. Mohammad Malakoutian, Prof. Kazem Naddafi, Prof. Mohammad Taghi Samadi, Prof. Bijan Bina, Dr. Mohammad Hosseini, Dr. Hamid Reza Ghaffari

		Title
08:00	Dr. Juana Maria Delgado-Saborit	Keynote speech: Biomonitoring of environmental pollutants for risk assessment and management
08:15	Eng. Tahereh Rahmatinia	Article 1: Seasonally varied Proinflammatory effects of urban particulate matter-induced (PM2.5) on human lung epithelial cells (A549) in vitro at the most industrial cities of Iran
08:30	Dr. Zahra Sabeti	Article 2: Short-term exposure to ambient fine particulate air pollution and sex differences in cardiorespiratory biomarker responses of healthy adolescents
08:45	Dr. Amir Zahedi	Article 3: Effects of living in industrial and vehicular traffic areas and increasing blood metal(loids) and allergy pro-inflammatory (IgE and IL-4) biomarkers in children
09:00	Eng. Hosna Darabi	Article 4: Subacute toxic effects of polyvinyl chloride microplastics (PVC-MPs) in juvenile common carp (Cyprinus carpio)
09:15	Q & A	

Session 2: Environmental Burden of Disease 10:00-11:45

Members of session: Dr. Mohammad Sadegh Hassanvand, Prof. Neamatollah Jaafarzadeh, Prof. Mohammad Hassan Ehsanipour, Prof. Ramin Nabizadeh, Prof. Zabihollah Yousefi

		Title
10:00	Dr. Bruce Spittle	Keynote speech: The fluoride burden of disease.
10:15	Eng. Shamim Mosalaei	Article 1: Risk assessment of polycyclic aromatic hydrocarbons (PAHs) from household dust of Shiraz, Iran
10:30	Prof. Michal Krzyzonowski	Keynote speech: Environmental burden of disease – global, regional and national perspectives
10:45	Dr. Amir Mohammadi	Article 2: Spatial Trend and Health Risk of Heavy Metals from Settled Dust in NW, Iran
11:00	Eng. Hamed Soleimani	Article 3: Deterministic and probabilistic procedures to evaluation of human health risk due to heavy metals in groundwater resources; Sensitivity Analysis, and Geographic information system
11:15	Eng. Zohreh Kamari	Article 4: A comparative analysis of high and low risk areas for gastric cancer in Iran in relation to the chemical quality of water resources
11:30	Q & A	



Session 3: Environmental Pollution Control Technologies
13:30-15:25

Members of session: Prof. Sina Dobaradaran
Prof. Ahmadreza Yazdanbakhsh, Prof. Alireza Rahmani,
Prof. Roshanak Rezaei Kalantary, Dr. Hassam Izanloo,
Dr. Mohsen Heidari

🕒	👤	Title
13:30	Prof. Helder Teixeira Gomes	Keynote speech: Removal of contaminants of emerging concern by advanced oxidation technologies using carbon nanotubes
13:45	Prof. Torsten C. Schmidt	Keynote speech: Is Catalytic Ozonation a suitable Approach to Treat Wastewater?
14:10	Dr. Alireza Nisiri	Article 1: Metronidazole photodegradation by a new nano-biomagnetic photocatalyst ZnFe ₂ O ₄ @Methylcellulose
14:25	Eng. Sepideh Tousizadeh	Article 2: Evaluation of plastic biodegradation with three strains of Bacillus subtilis 6051 ATCC, Bacillus cereus 11778 ATCC, Staphylococcus ATCC 25923 Aureus
14:40	Eng. Sahar Moradi	Article 3: Identification of beta-lactam-resistant coding genes in wastewater treatment plant by activated sludge method
14:55	Eng. Ebrahim Fazeliyan	Article 4: Decolorization mechanism, identification of an FMN-dependent NADH-azoreductase from a moderately halotolerant Staphylococcus sp. MEH038S, and toxicity assessment of biotransformed metabolites in biological degradation process of Reactive Black-5
15:10	Q & A	

Environmental Health Festival 15:45- 16:45

Webinar 2: Operation and maintenance of water and wastewater facilities 17:00-20:30

Day 3: Thursday, December 16th 2021

Session 1: Creating Wealth, Policy making and Environmental Health Management 08:00-09:45

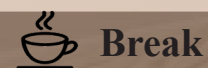
Members of session: Prof. Ahmad Jonidi Jafari
Prof. Kamyar Yaghmaeian, Prof. Mohammad Mehdi Amin,
Prof. Mahnaz Nikaeen, Eng. Mohsen Farhadi

🕒	👤	Title
08:00	Dr. Amirhossein Takian	Keynote speech: Good governance for sustainable policymaking in environmental health
08:15	Prof. Kazem Naddafi	Keynote speech: Social accountability promotion in department of environmental health, school of public health
08:30	Prof. Hamidreza Safavi	Keynote speech: Requirements and structure of Integrated Water Resources Management (IWRM) in Zayandehrud River Basin
08:45	Prof. André Nieman	Keynote speech: Promoting a policy based green economy for sustainable water management – European perspectives and challenges
09:00	Dr. Ali Fakhri	Article 1: Health Impact Assessment from the perspective of international expert
09:15	Dr. Samira Yousefzadeh	Article 2: Electronic waste: from traditional recycling and hidden waste economy to scientific extraction of precious metals and wealth creation
09:30	Q & A	

Session 2: Environmental Health Indexes 10:00-12:00

Members of session: Dr. Reza Saeedi
Prof. Meghdad Pirsaeheb, Dr. Mansour Shamsipour,
Prof. Mehraban Sadeghi, Prof. Mohammad Mosaferi,
Prof. Edris Bazrafshan

🕒	👤	Title
10:00	Prof. Ahmad Jonidi Jafari	Keynote speech: Private sector participation in environmental health services- case introducing of health services office
10:15	Prof. Masud Yunesian	Keynote speech: Cochrane library; opportunities and capacity of environmental health review studies
10:30	Dr. Meltem Kutler	Keynote speech: New WHO Air Quality Guidelines
10:45	Dr. Fathollah Gholami Borujeni	Article 1: Investigating the Relationship between Gross Domestic Product and Environmental Performance Index (Climate Changes) in Iran and the World in 2020
11:00	Dr. Zahra Shamsizadeh	Article 2: Survey of the effect of irrigation with urban wastewater treatment plant effluent on transfer of antibiotic resistance genes in soil and crops
11:15	Dr. Mostafa Hadei	Article 3: Comparing the Reported Air Quality Index (AQI) Values Reported in Tehran with the Actual Values Calculated Based on the EPA's Instruction
11:30	Eng. Sahar Gholipour	Article 4: Occurrence of human adenovirus in wastewater effluent and wastewater-irrigated soil
11:45	Q & A	



Break

Session 3: Closing Ceremony 13:30-15:00

Webinar 3: Application of artificial neural network in environmental health engineering studies 16:30-18:40

Webinar 4: The role of environmental health in COVID-19 pandemic 19:00-21:00

5th International
and
24th National Conference
on
Environmental Health
December 14-16, 2021
— Kashan-IRAN —

Schedule

