

IC- OSEH

INTERNATIONAL CONFERENCE ON OCCUPATIONAL SURVEILLANCE & ENVIRONMENTAL HEALTH



19 – 21 November 2025

Fez – Morocco



Co-organizers:



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IC-OSHE CONFERENCE AGENDA

Wednesday November 19, 2025	
14:00 – 14:30	Inaugural Speech Prof. Mostapha Bousmina , President of the Euro-Mediterranean University of Fez - UEMF - Morocco
	Conference Chairmen notes Prof. dr. Lode Godderis , Occupational health expert, Professor at Katholieke Universiteit Leuven (KU Leuven), CEO of IDEWE, Coordinator of the BIONET ERASMUS+ Project, and Chairman of the Conference - Belgium Prof. Samir El Jaafari , Environmental health expert, Professor at Moulay Ismail University of Meknes (UMI) and Co-Chairman of the Conference - Morocco
	Local Organizing Committee Welcome Address Prof. Salim Bounou , Prof. Abdelghafour Marfak , Prof. Chakib Nejari , UEMF – Morocco
	Opening Keynote session Moderators: Prof. Salim Bounou & Prof. Abdelghafour Marfak, UEMF – Morocco
14:30-15:00	Building a culture of health: Listening and learning from workers to change the conditions of work Prof. Jack Dennerlein , Boston University Sargent College of Health and Rehabilitation Sciences - United States of America
15:00-15:30	Bridging universities, hospitals and the work place: The Human Sentinel Surveillance Prof. dr. Lode Godderis , KU Leuven - Belgium
15:30-15:45	Q/A session
15:45-16:15	Workshop certificate distribution
16:15-17:00	Social and Cultural Entertainment
17:00-17:15	Group Photo
17:15-18:00	Campus tour
18:00-19:30	Welcome Reception & Networking

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Thursday, November 20, 2025		
Plenary Session		
Moderators: Prof. Abdelkarim El Kadib (UEMF – Morocco), Prof. Kassahun Ebba Tadesse (Jimma University – Ethiopia), Prof. Jaouad Anissi (UEMF – Morocco),		
09:00-09:20	Tracking the Invisible through Human Biomonitoring Dr. Radu Corneliu Duca, Ministry of Health - Luxembourg	
09:20-09:40	Health effects of Chemical Exposure - The Broad Perspective Prof. Vivi Schlunssen, Aarhus University - Denmark	
09:40-10:00	Setting up an infrastructural Landscape and Opening Access to Services for Human Exposome Research Jana Klánová, Masaryk University - Czech Republic	Prof.
10:00-10:15	Q/A session	
10:15-10:45	Coffee Break & Morning Poster Session	
10:45-11:45	Session 1. Occupational Surveillance and Risk Assessment Related to Work Landscape Session 1 remote link Chair : Prof. Younes Filali Zegzouti, UMI – Morocco Co-chair : Dr. Aziza Menouni, KU Leuven – Belgium	Session 2. Environmental Exposure Assessment and Human Biomonitoring Session 2 remote link Chair : Prof. Vivi Schlunssen, AU – Denmark Co-chair : Dr. Radu Corneliu Duca, MH – Luxembourg
	S2.O.01 Occupational and Environmental exposure to cytostatic drugs and health effects in Morocco Hala Chetouani	S2.O.01 Human Biomonitoring studies in Ethiopia : case studies, challenges and opportunities Kassahun Ebba Tadesse
	S1.O.02 Human Sentinel Surveillance Platform (HSSP) for comprehensive exposure assessment in occupational and environmental health Kaoutar Chbihi	S2.O.02 The LëtZHB survey: Generating Comparable Biomonitoring Data Across Europe Maria Mirela Ani
	S1.O.03 Toluene Flanders Exposome Project: Exposure assessment in working population via Human Sentinel Surveillance Platform (HSSP) Janne Goossens	S2.O.03 Between absence of occupational exposure and environmental pollution: Blood chromium as a reference indicator in Morocco Ilham Arhoune

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	S1.O.04 Occupational Medicine in Morocco: A Monitoring Tool for a Sustainable Ecosystem Loubna Tahri	S2.O.04 Contrasting sources of dietary intake of cobalt and lead in the mining region of Katanga, DR Congo: a duplicate meal study Trésor Carsi Kuhangana
	S1.O.05 Clinical Risk Profiling Associated with Mercury Exposure in Moroccan Dentists: Insights from Symptom Clustering and Occupational Risk Mapping Noureddine Attiya	S2.O.05 FAIREHR Platform for digitalizing Environmental Health Research for Global and Sustainable Outreach Karen S. Galea, Maryam Zare Jeddi, Aziza Menouni, Kaoutar Chbihi et al.
	S1.O.06 Occupational Exposure to BTEX Among Gas Station Attendants and Traffic Police in Meknes, Morocco: A Four-Month Environmental and Biomonitoring Study Ibrahim El Ghazi	S2.O.06 Evaluation of Farmers' Knowledge of Pictograms on Pesticide products in Cotonou and Grand-Popo (Southern Benin) Claude Ahouangninou
11:45-12:45	Session 3. Wellbeing through Healthy Living Environments and Work Settings Session 3 remote link <u>Chair :</u> Prof. Jack Dennerlein, BU – USA <u>Co-chair :</u> Prof. Adam Chati, UH2C – Morocco	Session 4. Health Technologies and Workplaces Session 4 remote link <u>Chair :</u> Prof. Taha Ait Tchakoucht, UEMF – Morocco <u>Co-chair :</u> Prof. Marius Kêdoté, UAC – Benin
	S3.O.01 The relationship between emotional intelligence and burnout among mental health nurses in Morocco Jamal Ksiksou	S4.O.01 Success Factors for Health Technology Assessment of Digital Medical Devices for Telemedicine in Morocco: A Descriptive Qualitative Study Issam El Kouarty
	S3.O.02 WISH Study - Assessment of Well-Being Among Youth in Morocco: A Confirmatory Study on University Students Yousra El Bouzeidi	S4.O.02 First Application of the Biological Diatom Index in Morocco: Salinization as a Key Stressor in the Sidi Chahed Dam System Ouballouk, Youssef
	S3.O.03 Burnout in Moroccan University: A Preliminary Study at the Faculty of Sciences of Meknes Fatima Zahra Senhaji	S3.O.03 Assessment of the quality of life at work of radiologic technologist: The case of the hospital network in the city of Fez Youssef Khaldoun

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	S3.O.04 Burnout Under Pressure: What Predicts Mental Exhaustion Among Public Health Workers in Southern Morocco (Drâa-Tafilalet region) Rkia Fattahi	S4.O.04 Comprehensive environmental monitoring and impact assessment using bioindicators and advanced techniques Mohamed Ajouad
	S3.O.05 The prevalence of burnout and coping strategies among Palestinian health professionals: a cross sectional study Muna Ahmead	S3.O.05 Functionalized Chitosan Films as Sustainable Solutions to Address the Microplastics Challenge Mohamed Amine Benzaouia
	S3.O.06 Psychosocial Risks and Mental Health at Work: A Multisectoral Study among Moroccan Workers Tarik Abchouch	S3.O.06 Artificial Intelligence-Based Antimicrobial Discovery: Addressing the Global Pandemic of Antimicrobial Resistance Romayssa Bouzda
12:45-14:00	Lunch	
	Plenary session Moderators: Prof. Chakib Nejari (UEMF – Morocco), Prof. Marius Kêdoté (Abomey Calavi University – Benin), Prof. Rachid Salghi (UEMF – Morocco)	
14:00-15:30	Rethinking African Employees Health and Wellbeing in the New World of Work Dr. Ehi Eden OSH Africa - Nigeria	
	Environment & Health in Ethiopia : Strengths, Challenges and Role of Sentinel and Human Biomonitoring Prof. Embialle Mengistie Beyene Hawassa University - Ethiopia	
	Digital Initiatives for One Health in the MENA region Prof. Hassan Ghazal Association of Telemedicine - Morocco	
15:30-16:00	Coffee Break & Afternoon Poster Session	
16:00-17:30	Session 5. Signs, Early Effect Biomarkers and Diseases related to Exposure Session 5 remote link Chair : Prof. Embialle Mengistie Beyene, HU - Ethiopia Co-chair : Dr. Manosij Ghosh, KU Leuven – Belgium	Session 6. One Health, Sustainable Ecosystems and the Environment Session 6 remote link Chair : Prof. Said El Kazzouli, UEMF - Morocco Co-chair : Prof. Janvier Egah, University of Parakou – Benin
	S5.O.01 GSH/GSSG as a potential effect biomarker for risk assessment of workers exposed to real-life mixtures Irene Fontes Marques	S6.O.01 Magnitude of hospital-acquired malaria and associated factors among pediatric inpatients admitted at Hawassa University Comprehensive Specialized Hospital (HUCSH), South Ethiopia Hunachew Mengesha

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	S5.O.02 Contraintes et risques professionnels associés à la médecine traditionnelle en milieu rural : traitement endogène des Dermatoses Immunoallergiques au Bénin DATO Stéphenon Marcel	S6.O.02 COVID-19 infection prevention and control procedures and institutional trust: Perceptions of Palestinian healthcare workers Nuha Sharif
	S4.O.03 The role of the nutrient sensor complex, TORC1, in regulating insulin production or secretion Ferdaous El Andaloussi	S6.O.03 Evaluating the Effectiveness of the future ISO 14001 Environmental Management Systems in Achieving SDG targets Anjoud Harmouzi
	S5.O.04 Détermination de la concentration minimale inhibitrice des extraits de trois plantes à activité antibiotiques avérées dans l'assainissement des eaux usées hospitalières Aimé HOUINSOU	S6.O.04 Bacteriological Quality of Beef, Safety Practices, and Predictors along the Supply chain in Southwest Ethiopia Girma Mamo Zegene
	S5.O.05 Magnitude of percutaneous injuries and associated factors among health care workers in Sidama region public hospital Bethlehem Yemane	S6.O.05 Design and Pilot Scale Production of an Alternative Non-Live Attenuated BTV Vaccine in Yeast Ikram Joubair
		S6.O.06 Antimicrobial Resistance Profile of Escherichia coli Isolated From Hospital and Industrial Wastewater Systems Kajelcha Fikadu Tufa
19:30-21:30	Gala Diner (Hall of the Conference Center; venue to be confirmed)	

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Friday, November 21, 2025	
Plenary session	
Moderators: Prof. Abdelghafour Marfak & Prof. Salim Bounou, UEMF – Morocco	
09:00-09:20	Chemical hazards in the workplace: regulatory aspects Dr. Moulay Hachem Mortaji , Moroccan Association of Occupational Physicians - Morocco
09:20-09:40	Nanomaterials: From synthesis strategies to real-world safety concerns Prof. Abdelkrim El Kadib , UEMF – Morocco
09:40-10:00	Treatment of agricultural effluents by electrocoagulation coupled with nanomaterial-based adsorption for reuse in green bean irrigation Prof. Rachid Salghi , UEMF - Morocco
10:00-10:15	Q/A session
10:15-10:45	Coffee break and Poster session 3
10:45-12:15	Shaping Evidence-Based Policies for Environmental and Occupational Health: Strengthening the Science-Policy Interface Roundtable Moderator: Prof. Chakib Nejari , UEMF, Morocco Dr. Mohamed Lyoubi Ministry of Health and Social Protection - Morocco Dr Hafid Hachri , WHO - Morocco Dr. Benasser Ben Ali , Ministry of Health and Social Protection - Morocco Dr. Benacer Mahdouch , Regional direction- Ministry of Health and Social Protection - Morocco
12:15-12:45	Towards the Euro-African BIONET Network : Launch presentation and Agreement Signature Ceremony Moderator : Ms. Kaoutar Chbihi , Katholieke Universiteit of Leuven - Belgium
12:45-13:15	Poster Awards & Closing remarks – Prof. Salim Bounou (UEMF – Morocco) , Prof. Abdelghafour Marfak (UEMF – Morocco) , Dr. Aziza Menouni (KU Leuven – Belgium)
13:30-14:30	Lunch

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IC-OSEH POSTER PRESENTATIONS

Thursday, November 20, 2025

MORNING SESSION

Authors	Title
Abdilaahi Yusuf Nuh	Prevalence of depression, anxiety, and post-traumatic stress disorder and their associated factors among internally displaced persons in Burao-Somaliland: community-based cross-sectional study
Amal Amallah, Aziza Menouni, Kaoutar Chbihi, Lode Godderis, Samir El Jaafari, Mohamed Amane	Monitoring of Psychological Burden in Healthcare Workers in Morocco: Integrating Salivary Cortisol and Cortisone Biomarkers with Stress and Burnout Assessment
Amina Bouyahyaoui, Asmae Zaid, Samir El Jaafari, Younes Filali Zegzouti, Aziza Menouni	Remote Work and Health in Africa: Physical and Mental Impacts
Asmae Ghazali, Leila Bouziani, Kaoutar Chbihi, Younes Filali Zegzouti, Samir El Jaafari, Aziza Menouni	Risk Perception and Behaviors related to Endocrine Disruptors Daily Exposure among Women of Childbearing Age in Morocco
Asmae Kabir, Zineb Lhachimi , Aziza Menouni, Kaoutar Chbihi, Younes Filali Zegzouti, Godderis Lode, El Jaafari Samir	Sentinel Surveillance Approaches for Environmental Health Risks : State of the Art and Recommendations for Low- and Middle-Income Countries
Aya Latallati, Nada Sadiki, Kaoutar Chbihi, Younes Filali Zegzouti , El Jaafari Samir, Aziza Menouni	Occupational Health Risks Awareness and Protective Practices among Firefighters in Morocco
Basma Saadani, Loubna Tahri, Abdeljalil El Kholti	Management of occupational health and safety responsibilities in the context of hospital subcontracting: the Case of Ibn Rochd University Hospital
Eduardo A. Bracho Montes de Oca	Mental Health in working from home: Optimizing Key mediators for Healthier Work Environments
Elias Mulat, Dessalegn Tamiru, and Kalkidan Hassen Abate	Impact of Household Air Pollution on Childhood Linear Growth and Health in Sub-Saharan African Setting

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Essam Azami, Faima zahrae Radi	Study on the Integration of Environmental Law into the Paramedical Training of ISPITS Students in Fez (Morocco)
Gutama degefa	Determinants of sustainable solid waste management in Jimma City, Southwest Ethiopia
Hiba Fagouri, Rabia Bougrine, Adam Chati, Aziza Menouni, Samir El Jaafari , Younes Filali Zegzouti	Environmental and Behavioral Factors Affecting Sleep Quality among Young Students in Morocco
Higu Kefale Dejach	Occupational health and safety assessment report in Ministry of health Ethiopia office
Imane Bensouda Korachi, Aziza Menouni, Radu Corneliu Duca, Samir El Jaâfari, Younes Filali-Zegzouti	Biomonitoring of Occupational Exposure to Mercury Among Dental Health Workers: a systematic review
Masrie Getnet Abate	Severity of Wasting Among Children Aged 6–59 Months in East Africa: A Multilevel Proportional Odds Analysis of DHS Data from 2012-2022
Riel A. N. Amoussou, Nonvignon Marius Kedoté, Carina P.A. Aalofa, Casimir D. Akpovi	Human exposure to pesticides in the Republic of Benin: a scoping review of existing data, emerging challenges and future orientations
Samira Bouazza, Samira Abbouyi, Btissame Zarrouq	Psychological distress and problematic smartphone use among Moroccan adolescents: a parallel mediation model
Abdel Haye Mohamed Yahya, Cherifatou Fatahou Ibrahim, Aziza Menouni, Younes Filali Zegzouti, El Jaafari Samir	Building a FAIR Data Ecosystem for Human Biomonitoring and Environmental Health in Africa: Insights from a Scoping Review of International Platforms
Seblework Mekonena, Mohammedgezali Ibrahima, Higemengist Astatkiea, Aynalem Abrehab	Exposure to organochlorine pesticides as a predictor to breast cancer: A case-control study among Ethiopian women

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AFTERNOON SESSION

Authors

Title

Anmut Endalkachew Bezie, Yimer Mamaye, Lamrot Yohannes, Atalay Tadele Yirdaw, and Awoke keleb	Stress and Its Association with occupational Injuries and Lower Back Pain among Industry Workers in Ethiopia: A Systematic Review and Meta-Analysis
Bedasa Gidisa, Bezatu Mengistie, Bacha Mekonnen, Dejene Getachew, Ayele Bizuneh	Major factors affecting health and safety of healthcare workers during Covid-19 Pandemic
Dhaud Odei Ansong, Malika Allalib, Khaoula Errafii, Hajar Esserghini, Imane Ben-moussa, Adnane Benmoussa, Salsabil Hamdi, Hassan Ghazal, Najib Al Idrissi, et al.	Genetic Diversity and Phylogenetic Relationships of Staphylococcus aureus 16S rRNA Sequences across Africa
Fatima Ahekkad, Abdelkader Charba, Sarah Sayarh	University Social Responsibility and Academic Well-Being in Moroccan Public Universities: Towards Healthier and More Inclusive Academic Work Environments
Geleta Nenko Dube	Intention to Use Smartphone Medical Applications to Monitor Mental Health Problems and Its Associated Factor Among Chronic Patients at Public Hospitals, West Guji Zone, Southern Ethiopia, 2025: Using Extended Unified Theory of Acceptance and Use of Technology 2 Model
Getachew Kebede Hailu	Advancing Mental Health Care: A systematic Review of AI-Enabled Digital Innovations
Getachew Tilaye Mihiret, Abebaw Abeje Mulueh, Aysheshim Asnake Abneh, Atsede Alle Ewunetie, Haile Amha, Anteneh Lamesgen, Mamaru Getie Fetene et al.	Patient Safety Incident Reporting Behavior and Its Determinants Among Healthcare Professionals in Ethiopia: A Systematic Review and Meta-Analysis
Hajar Esserghini, Malika Allali, Dhaud OdeiAnsong, Khaoula Errafii, Najib Al Idrissi, Adnane Benmoussa, Hassan Ghazal, Fadil Bakkali, et al.	Unveiling the Genetic Diversity of Salmonella enterica in Africa through 16S rRNA Phylogenetic Analysis

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Imane Oufkir, Ikram Joubair, Salim Bounou, Jesus Zueco, Ismail Moukadiri	Development of a Multi-Epitope Peptide Vaccine using in silico immunoinformatics approaches and heterologous protein production
Youssef Hajjaj, El Rhazzaz Imad, Oussama Hamal, Younes Filali Zegzouti, Aziza Menouni, El Jaafari Samir	Role of Technologies and Artificial Intelligence in Environmental Health
Jihad Boukhaldi, Hind Kechkar, Ibtihal Benhsain, Ahmed Aziz Bousfiha, Jalila Elbakkouri	Occupational Safety and Risk Management in a Specialized Pediatric Service: Targeted Assessment of ISO 9001:2015 Requirements
Kechkar H., Sabri S., Boukhaldi, Saadani B.4, Omari M., Morjan A., Bousfiha A.A., Kamal	Cadre Réglementaire Marocain en Hygiène et Sécurité Appliqué aux Laboratoires d'Analyses de Biologie Médicale
Lhilali Ilham, Zouine Noura, Boukarrou Fatiha, Ibrahimi Farah	Emotional and Psychological experience of health care professionals in intensive care unit
Mohamed Nadiri, Sofia Tichichte, Younes Filali Zegzouti, Aziza Menouni, Samir El Jaafari	Knowledge, Perceptions and Practices related to the Use of Household Cleaning Products in Morocco
Najia Mane, Najoua Lamchabbek, Siham Mrah, Mohammed Saidi, Chaimaa Elattabi, Elodie Faure, Fatima Zahra El M'rabet, Adil Najdi, Nawfel Mellas, Karima Bendahou, et al.	Body Measurements and Breast Cancer Risk among Moroccan women: Insights from a multicenter Study
Nicols Aikou, Aimé Houinsou	Profil épidémiologique de l'ulcère de Buruli au Centre de Détection de Traitement de l'Ulcer de Buruli (CDTUB) à Pobè (BENIN)
Noura Zouine, A. El Ouali Alami	Occupational Challenges in Cytotoxic Drug Handling: A Descriptive Study of Exposure and Preventive Gaps in Oncology Nursing
Safae Zahid, Soumia Gouahi, Ijjou Idoumskine, Mohamed Abioui, Mohammed Bensaou, Abdellah Elhmaidi, Içame Nourissaid, Aicha Ait Alla	Assessment of groundwater quality in the aguiane watershed: implications for safe drinking water

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Samia Chergaoui, Abderraouf Hilali, Abdelghafour Marfak, Ibtissam Youlyouz Marfak

Study of the Relationship Between Lifestyle and Maternal and Child Health

Trésor Carsi Kuhangana, Germain Kasongo Tengwa, Lore Roles, Eddy Mbuyu Ilunga, Paul Musa Obadia, Tony Kayembe Kitenge, Erik Smolders, Peter Hoet, Benoit Nemery et al.

Cookware made from scrap metal: prevalence of use and knowledge of health hazards among consumers and manufacturers in DR Congo

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Friday, November 21, 2025

MORNING SESSION

Authors	Title
Anteneh Omer and Susan J. Whiting	Child-owned poultry model sustained improved poultry husbandry and egg feeding, yet corralling persists; calls for strategic support for cage utilization
Asfaw Shaka Gosa	Towards Integrated Health and Ecology: A Review of One Health Approaches for Sustainable Ecosystem and Environmental Management in Ethiopia
Yassine El Omari, Bouteina Saksik, Aziza Menouni, Adnane Labbaci, Younes Filali Zegzouti, Samir El Jaafari	Geo-AI for Urban Health Risk Assessment in Low and Middle Income Environments: Mapping Air Pollution and Heat Risks in Meknes Morocco
Bayu Garia, Alels Hancc, Pavel Svehlaa, Pavel Michala, Vojt'ech Pospířil, Alena Grasserova, Tomas Cajthaml, Abraham Demelash Chane, Abebe Nigussie	The fate of pharmaceuticals and personal care products during vermicomposting of sewage sludge
Essam Azami, Faima zahrae Radi	Environment and Public Health: Integrating Environmental Law into the Training of Nurses and Health Technicians
Hailemichael B. Dadi, Desalegn T. Negash, Sisay W. Adall	Integrating Sentinel Surveillance and Climate Data for Cholera Outbreak Early Warning systems in Ethiopia
Khadija Aouni, Fatima Zahra Zayar, Bachir El Bouhali	Iron supplementation deficiency in rural environment of southeastern oases, Morocco and the risk of anemia
Napo Ali, Koffi M. Ahadji-Dabla, Gerard N. Gouwakinnou	The Impact of Land-Use Changes on the Proliferation of Aedes Mosquitoes, Dengue Vectors, in Togo; West Africa

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