

1st International Congress on Ecosystems, Environmental and Health Sciences

SCIENTIFIC PROGRAMME

Thursday 1 – Friday 2 October 2026

8

INVITED LECTURES

76

ORAL

21

VIRTUAL

30

POSTERS

Shaded rows indicate virtual communications (and invited lectures on this page).

PROGRAMME AT A GLANCE

DAY 1 · Thursday 1 October

08:30–09:00	Welcome & registration of participants
09:00–10:30	Opening session — Ibn Zohr University representatives and official guests (Room 1) Chairpersons Pr. HAJJI & Pr. AMKRAZ
10:30–12:00	Invited lectures IL 1 – IL 3 (Room 1)
12:00–12:30	Discussion (Room 1)
12:30–13:00	Coffee break & poster tour
13:00–13:30	Invited lecture IL 4 (Room 1)
13:30–13:40	Discussion (Room 1)
13:40–15:40	Parallel oral & virtual communications — Thematics 1, 2, 3
15:40–17:00	Lunch
Afternoon	Social programme: tree planting, supervised by the Adopt a Tree Association

DAY 2 · Friday 2 October

09:00–10:00	Invited lectures IL 5 – IL 6 (Room 1)
10:00–10:15	Discussion (Room 1)
10:15–12:15	Parallel oral & virtual communications — Thematics 1, 2, 3
12:15–12:45	Coffee break & poster tour
12:45–13:45	Invited lectures IL 7 – IL 8 (Room 1)
13:45–14:00	Discussion (Room 1)
14:00–15:40	Parallel oral & virtual communications — Thematics 4, 2, 3
15:40–17:00	Lunch
Afternoon	Social programme: tree planting, supervised by the Adopt a Tree Association

INVITED LECTURES

DAY 1 · Room 1		10:30–12:00
Chairpersons Pr. HAJJI, Pr. ALOUANI & Pr. AMKRAZ		
10:30–11:00	IL 1	Dr. HICHAM FATNASSI — Protected Agriculture as a Climate-Smart strategy for sustainable Agroecosystems and Environmental resilience
11:00–11:30	IL 2	Pr. SAID GHARBY — Advancing Sustainable Valorization of Moroccan Terroir Products and By-Products: Integrating Analytical Sciences, Quality Control, and Food Safety
11:30–12:00	IL 3	Pr. MOULAY ABDELJALIL AIT BAAMRANE — Living Under Pressure: Biodiversity Loss, Nocturnal Adaptations, and Conservation Challenges in Arid Ecosystems
DAY 1 · Room 1		13:00–13:30
Chairpersons Pr. AIT BAAMRANE, Pr. GHARBY & Dr. FATNASSI		
13:00–13:30	IL 4	Pr. SERDAR BILEN & Pr. OZLU EKREM — From Discovery to Delivery: Bridging Soil Science, Technology, and Real-World Impact

DAY 2 · Room 1		09:00–10:00
Chairpersons Pr. AINLHOUT, Pr. BELLOUT & Pr. EL HIDAN		
09:00–09:30	IL 5	Pr. MUSTAPHA AGNAOU — An Integrated Approach to Marine Pollution: Mechanisms, Impacts, and Management Strategies
09:30–10:00	IL 6	Pr. NADIYA AMKRAZ — Exploiting Moroccan algal resources and specific microbial strains for sustainable Agriculture
DAY 2 · Room 1		12:45–13:45
Chairpersons Pr. AIT HAMZA, Pr. BOUQBIS & Pr. ELMEHRACH		
12:45–13:15	IL 7	Pr. AZIZ AZIZ — Harnessing Beneficial Microbes: decoding Rhizosphere interactions for enhanced plant health
13:15–13:45	IL 8	Pr. MOHAMED JEBBAR — Diversité, adaptation et potentiels des procaryotes marins

THEMATIC SESSIONS · 127 COMMUNICATIONS

THEMATIC 1 Ecosystems, Biodiversity and Global Change Room 1 18 oral · 6 virtual · 6 posters Total 30	THEMATIC 2 Pollution, Environment and Health (One Health Approach) Room 2 25 oral · 8 virtual · 9 posters Total 42	THEMATIC 3 Food Security, Nutrition and Sustainable Agriculture Room 3 26 oral · 4 virtual · 15 posters Total 45	THEMATIC 4 Environment, Innovation and Governance for Sustainability Room 1 (Day 2) 7 oral · 3 virtual · 0 posters Total 10
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The 127 communications are in addition to the 8 invited lectures · All plenary sessions take place in Room 1 · IL = invited lecture · OC = oral communication · P = poster · shaded rows = invited lectures and virtual communications

Ecosystems, Biodiversity and Global Change

DAY 1 · Thursday 1 October 2026

Room 1 · 13:40–15:40

Chairpersons Pr. LEFRERE, Pr. NADIR, Pr. HANTEM & Pr. MOURABIT

13:40–13:50	OC 1	ABDELAZIZ EL-BOUHALI — Contribution de la télédétection à l'analyse spatio-temporelle de la dynamique des lacs dans Moyen Atlas
13:50–14:00	OC 2	ABDERRAHIM IHITASSEN — Interannual dynamics of the vegetation ecosystem at a beekeeping site in the Sidi Ifni region (Morocco)
14:00–14:10	OC 3	AICHA NAIT DOUCH — Adaptive Leaf Traits Responses of <i>Argania spinosa</i> (L.) Skeels to Grazing Pressure
14:10–14:20	OC 4	ABDERRAHMANE AIT MELLOUK — Morphometrics, Fluctuating Asymmetry, and Body Condition of the Critically Endangered Draa Trout (<i>Salmo multipunctatus</i>) in the N'Ougouni Stream, Upper Dades, Morocco
14:20–14:30	OC 5	BRAHIM MESKOUR — Climate-Driven Land Degradation in a GIAHS Agroforestry Site: A Multi-Method Assessment in Semi-Arid Morocco
14:30–14:40	OC 6	BTISSAME BEN M'HAND — Effects of Climate Change on Selected Gammaridae Populations in Morocco
14:40–14:50	OC 7	FARID DEMRANE — Population Size and Density Estimation of Cuvier's gazelle in Anzi (Tiznit Province, Morocco) Using Distance Sampling
14:50–15:00	OC 8	SALIHA DIARRA — Climate change threatens endemic medicinal and aromatic plants with habitat loss and upslope shifts: Evidence from the High Atlas Mountains of Morocco
15:00–15:10	OC 9	MOHAMMED EL ALAMI EL AROUSSI — From Ethnobotany to Resilience: Sustainable Production, Metabolic Plasticity, and Ethnocosmetic Valorization of Moroccan Argan Oil
15:10–15:20	Virtual 1	FATIMA DIOUANE — Thermal Stress as a Driver of Vegetation Decline in Semi-Arid Forest Ecosystems of Morocco
15:20–15:30	Virtual 2	MOHA ERRACHDI — Spatio-temporal mapping of soil degradation in the Ikassene watershed (Beni Mellal – Khenifra Region, Morocco)
15:30–15:40	Virtual 3	FATIMA EL ASRI — Facteurs environnementaux et structuration spatiale de la biodiversité des macroinvertébrés dans la baie de Dakhla

DAY 2 · Friday 2 October 2026

Room 1 · 10:15–12:15

Chairpersons Pr. GALLOULI, Pr. OUIZGANE, Pr. NEJMEDDINE & Pr. EL ASBAHANI

10:15–10:25	OC 10	KHADIJA ELBOUHALI — Invasive Fish Species and Their Effects on Native Biodiversity in a Mediterranean River System: El Abid River Case of Study
10:25–10:35	OC 11	FATIMA EZZAHRA EL AAOUD — Population characteristics and life-history traits of the endemo-relict Draa trout <i>Salmo multipunctatus</i> in karst headwaters of the Draa River, SE Morocco: implications for conservation
10:35–10:45	OC 12	YOUSSEF HARDA — Spatialized estimation of forest carbon sequestration through multi-source data integration (Sentinel-2, GEDI) under limited in situ data conditions
10:45–10:55	OC 13	HINDE BENJIL — Invisible Engineers of Soil Health: Nematodes as Bioindicators of Agricultural Practices and Sustainability in Saffron Agroecosystems
10:55–11:05	OC 14	AICHA JAMAL — Inventaire et perception des services écosystémiques dans les bassins versants montagnards du Haut-Atlas central marocain : cas de bassin versant de l'Oued Ahansal
11:05–11:15	OC 15	MOHAMED NAIMI — Social-ecological interactions and nature conservation in the Draa River Basin: An integrated framework for human well-being and sustainability
11:15–11:25	OC 16	MOUNA HABBANE — Integrative Genetic and Morphometric Characterization of <i>Apis mellifera</i> : Morocco vs. Comoros Archipelago
11:25–11:35	OC 17	RABAB CHAFIRA — Forçage hydro-climatique et productivité photosynthétique de la végétation riparienne : analyse sérielle Sentinel-2 sur le site RAMSAR Assifs Ahançal-Melloul (Géoparc UNESCO du M'Goun, Maroc)
11:35–11:45	OC 18	ZAHRA HANFOURI — Morphological Differentiation Among morphology-based species and Evolutionary Lineages of Native African Trout in the Moroccan Atlas Range- Implication for conservation
11:45–11:55	Virtual 4	MARYAM CHELKHA — Mechanical noise in soil ecosystems: a global change perspective on the ecological consequences of substrate-borne vibration for earthworm communities and soil structure
11:55–12:05	Virtual 5	MOUSSA COUACHI — Rainfall and snowfall contrasts in the functioning of mountain wetlands in Khénifra National Park (Moroccan Middle Atlas)
12:05–12:15	Virtual 6	ZOUBIR MOHAMED HAITAM — Étude de la variabilité de la résistance des jeunes plantes de caroubier (<i>Ceratonia siliqua</i> L.) au stress salin et amélioration de sa tolérance grâce à la culture en interaction avec la plante halophyte (<i>Spergularia salina</i> J.Presl et C.Presl)

Pollution, Environment and Health (One Health Approach)

DAY 1 · Thursday 1 October 2026

Room 2 · 13:40–15:40

Chairpersons Pr. AGNAOU, Pr. NAIMI, Pr. IDARDARE & Pr. EL YAACOUBY

13:40–13:50	OC 1	MOHAMMED HSSAISOUNE — Groundwater Nitrate Pollution in Souss-Massa (Morocco): Spatial Patterns and Insights from Stable Isotopes
13:50–14:00	OC 2	ADIL EL HOUSSEINI — Plasticité du Venimeux face au Changement Global : Évolution de la Toxicité des Scorpions et Défis Thérapeutiques de l'Envenimation
14:00–14:10	OC 3	AHMED BOUZIT — Assessing Climate-Related Health Risks in Morocco: Towards an Econometric Data-Driven Early Warning System
14:10–14:20	OC 4	ASMA AMJLEF — Sulfur-based polymer supported on quartz sand for peroxymonosulfate activation: Generation of reactive radicals for Orange G degradation
14:20–14:30	OC 5	AYOUB OUBELLA — Prevalence of Gastrointestinal Parasites in Sheep from the Souss Plain: A Coproparasitological Study
14:30–14:40	OC 6	MOHAMED BOUJIDID — Quarter Century of Simulation-Based Obstetric Education: A Global Bibliometric review (2000–2024)
14:40–14:50	OC 7	IMANE CHARROUD — First Cultivable Occurrence of genus <i>Natrinema</i> in Atlantic Solar Salterns: ecological drivers, heavy metal tolerance, and biotechnological potential
14:50–15:00	OC 8	HOUDA EL FISSI — Genetic Insights into Moroccan Patients with Mucopolysaccharidosis type I and Mucopolysaccharidosis type IIIA: Common Mutations and Novel Polymorphisms
15:00–15:10	OC 9	EL HOUSSAIN MAROUANI — Knowledge and Preparedness of Healthcare Professionals in Managing Snakebite Envenomation in Ouarzazate, Morocco: Identifying Gaps and Clinical Challenges Through a Cross-Sectional Study
15:10–15:20	Virtual 1	AMINA BAKKAR — Mental Health Status Among Moroccan University Students: A Machine Learning and AI-Based Approach Toward a Digital Screening Tool – A Research Proposal
15:20–15:30	Virtual 2	BOUJEMAA OUZYU — Mapping and Modeling Cutaneous Leishmaniasis in Southeastern Morocco
15:30–15:40	Virtual 3	SIHAM NAMIQ — Analyse géospatiale du scorpionisme dans la région de Béni Mellal-Khénifra : diversité des espèces et évaluation du risque d'envenimation

DAY 2 · Friday 2 October 2026

Room 2 · 10:15–12:15

Chairpersons Pr. BOUZID, Pr. CHADLI, Pr. ALIF & Pr. EL BAZ

10:15–10:25	OC 10	YOUNESSE EL-OUAZZANI — Pratiques de santé traditionnelles et ethnobotanique des plantes médicinales dans le sud-est du Maroc : cas du Grand Taznakht
10:25–10:35	OC 11	HIBA ENNOURI — Development and Optimization of Polymerase Chain Reaction (PCR) Conditions for Targeted Amplification of IDS Gene Exon III in the Diagnosis of Hunter Syndrome (MPS II)
10:35–10:45	OC 12	FATIMA EZAHRA MOUAS — Breast cancer classification using machine learning in a Moroccan population
10:45–10:55	OC 13	FATIMA ZAHRA TAGRI — Évaluation de la qualité environnementale du littoral de Casablanca: approche multi-biomarqueurs
10:55–11:05	OC 14	HICHAM GOUGUENI — Fardeau sanitaire et antibiorésistance : impact de l'eau de pluie stockée en milieu rural marocain
11:05–11:15	OC 15	HIND HASSANI IDRISSE — AI-Augmented Epidemiology: A Predictive Simulation Framework for Disease Risk and Progression
11:15–11:25	OC 16	JALAL MOUADI — From Pollutant to Resource: Bioconversion of Olive Mill Wastewater by <i>Tenebrio molitor</i> Larvae
11:25–11:35	OC 17	KHADIJA KARIM — Screening of ATP7B Exons VI, X, and XIV in Moroccan Patients with Wilson Disease: A Preliminary Molecular Study
11:35–11:45	OC 18	MOHAMED IDALFAHIM — Impact of Carbon Dioxide Emissions on Life Expectancy in Morocco: An ARDL Model Approach
11:45–11:55	OC 19	MOHAMMED EL FAL — Synthèse et activité biologique de nouveaux dérivés de spiro[thiadiazole-allopurinol]
11:55–12:05	OC 20	FATIMA ZAHRA ABOU ELAAZ — Geometric Morphometric Characterization of <i>Phlebotomus sergenti</i> Wings in Central Morocco
12:05–12:15	OC 21	MARYAM OUHEDDOU — Occurrence and characterization of microplastics in bottled mineral water in Morocco: a comparison between plastic and glass bottles

DAY 2 · Friday 2 October 2026

Room 2 · 14:00–15:30

Chairpersons Pr. ZANZAN, Pr. OUCHTAK, OUKNINE & Pr. EL FINTI

14:00–14:10	OC 22	MOUAD RAFQI — Synthesis and photocatalytic performance of a phosphate-based composite for persistent organic pollutants degradation
14:10–14:20	OC 23	YAHIA SAGHIR — RSM-BBD modeling for optimization of heavy metals removal from aqueous solutions using muscovite clay-based materials
14:20–14:30	OC 24	WAFIA AIT OUSSOUS — Wastewater treatment and reuse in arid zone: a comparative analysis and resilience lever in the Souss-Massa region, Morocco
14:30–14:40	OC 25	YOUSSEF BOUCHRITI — Spatial analysis of the burden of lung cancer attributable to long-term PM2.5 exposure in Morocco: A national assessment using the WHO AirQ+ model
14:40–14:50	Virtual 4	ADIL DUMI — Pesticide Use, Health Symptoms, and Environmental Risk Behaviors among Farmers in the Loukkos Irrigated Perimeter (Morocco)
14:50–15:00	Virtual 5	FATIMA ZAHRA EL FIGHRI — Synergistic Effects of Multi-Abiotic Stress on Carotenoid Accumulation and Antioxidant Defense Mechanisms in a Native Moroccan Strain of <i>Dunaliella salina</i>
15:00–15:10	Virtual 6	IBTISAM DOUKILO — Biological response and metallic bioaccumulation in the razor clam <i>Solen marginatus</i> from the Moroccan Atlantic coast: an integrated approach

DAY 2 · Friday 2 October 2026			Room 2 · 14:00–15:30
15:10–15:20	Virtual 7	NIZAR LOUSSIF — Étude d'un bioadsorbant issu de la valorisation des carapaces de crevettes pour le traitement des eaux usées textiles	
15:20–15:30	Virtual 8	OUSSAMA ABDELLAOUI — An Empirical Comparison of Various Machine Learning Techniques for Predicting Parkinson's Disease	

THEMATIC 3 · ROOM 3

30 communications · 26 oral · 4 virtual

Food Security, Nutrition and Sustainable Agriculture

DAY 1 · Thursday 1 October 2026			Room 3 · 13:40–15:20
Chairpersons Pr. ZAHIDI, Pr. AIT HIDA, Pr. BOUBAKER & Pr. HOUIDA			
13:40–13:50	OC 1	ABDELMALEK MAHROUG — In vitro antifungal activity of <i>Eucalyptus torquata</i> essential oils against the tomato root rot pathogen	
13:50–14:00	OC 2	ABDELMALEK MAHROUG — Comparative Evaluation of Maceration and Ultrasonic-Assisted Extraction of Phenolic Compounds and LC-ESI-QTOF-MS/MS Characterization of <i>Eucalyptus torquata</i> Leaf Extracts	
14:00–14:10	OC 3	ABDELWAHED CHAAOU — Operationalizing the WEFE Nexus through a Participatory Co Design Approach, in the Souss-Massa Plain, Morocco	
14:10–14:20	OC 4	ABDOUSSADEQ OUAMNINA — Bioactive Compounds from Local Date Palm Fruits (<i>Phoenix dactylifera</i> L.) as Natural Antiglycation Agents: In Vitro and Molecular Docking Insights	
14:20–14:30	OC 5	ANASS AKHMOUCH — Stratégies intégrées de gestion des mycotoxines majeures dans l'alimentation avicole marocaine : Enjeux sanitaires et économiques	
14:30–14:40	OC 6	ASMAE AZZOUZI — Screening and Pathogenic Potential of Entomopathogenic Fungi Against <i>Dactylopius opuntiae</i> (Cockerell, 1929) (Hemiptera: Dactylopiidae)	
14:40–14:50	OC 7	HAKIMA ASSENDAL — Turning Waste into Opportunity: Experimental Insights into Biochar as a Game-Changer for Sustainable Ecosystems	
14:50–15:00	OC 8	WAFAA BOUZIR — Development of Gluten-Free Biscuits Enriched with Quinoa flour and Okara: Physicochemical, Nutritional, and Sensory Characterization	
15:00–15:10	OC 9	CHAIMAE NOURI — Potential of <i>Trichoderma</i> spp. in the protection of tomato against <i>Pseudomonas syringae</i> pv. <i>tomato</i>	
15:10–15:20	OC 10	YASSIN MOKHLISSE — Effect of crop association, biostimulants, and compost on bean's yield and physico-chemical properties of soil	

DAY 2 · Friday 2 October 2026			Room 3 · 10:15–11:55
Chairpersons Pr. LAGRAM, Pr. EL BOULANI, EL HAMD AOUI & Pr. ASKARNE			
10:15–10:25	OC 11	EL FADI ABDEL JAWAD — The Effect of Cultivation System on the Suppression of Root Rot Caused by <i>Fusarium culmorum</i> in Durum Wheat (<i>Triticum durum</i>) in Moroccan Soils	
10:25–10:35	OC 12	CHAYMAE EL-AKHAL — Multiplex CRISPR/Cas9 Genome Editing for Enhancing Drought Tolerance in Wheat: Emerging Strategies for Climate-Resilient Agriculture	
10:35–10:45	OC 13	IMANE ES-SAHM — Synergistic effect of <i>Providencia rettgeri</i> MF and <i>Tetraclinis articulata</i> essential oil against tobacco wildfire disease	
10:45–10:55	OC 14	FATIMA EZZAHRA AL MOUDANE — Caractérisation physico-chimique et potentiel bioactif du miel d'euphorbe (<i>Euphorbia officinarum</i>) de Tiznit (Maroc)	
10:55–11:05	OC 15	FATIMA EZZAHRA ALLALI — Optimizing Climate-Adaptive Greenhouses through CFD Simulation for Integrated Food, Energy, and Resource Efficiency in Semi-Arid Environments	
11:05–11:15	OC 16	SAHIL H'ANANE — Evaluation of Agricultural Waste-Derived Biochars for Sustainable Soil Management and Crop Resilience under Water Stress in Arid Ecosystems: A Case Study from the Souss-Massa Region	
11:15–11:25	OC 17	HIBA ENOUARI — Electrochemical MIP-based sensors for sensitive Aflatoxin B1 detection for food safety applications	
11:25–11:35	OC 18	HINDE BENJILIL — Plant-Based Control of Plant-Parasitic Nematodes in Saffron: Effects on Crop Quality and Sustainable Production	
11:35–11:45	Virtual 1	KHAOULA ALLACH — Differential Response of Almond (<i>Prunus dulcis</i> L.) Varieties to Salinity as Influenced by Rootstock in Young Almond Plants Grown in Pots: Morphological and eco-physiological Aspects	
11:45–11:55	Virtual 2	ABDERRAZAK BENKEBBOURA — Bioprotective and Biofertilizing Potential of Bacteria Isolated from the Melon Rhizosphere: A Sustainable Approach for <i>Fusarium</i> Wilt Management and Yield Improvement	

DAY 2 · Friday 2 October 2026			Room 3 · 14:00–15:40
Chairpersons Pr. YAKKOU, Dr. QUESSAOUI, Pr. BOUROUACHE & Pr. TAQARORT			
14:00–14:10	OC 19	JAMILA DICH — Effects of <i>Bacillus</i> PGPR Strains as Biostimulants on Tomato Growth and Antioxidant Responses	
14:10–14:20	OC 20	MOUNA RAMZI — Bioprospecting of Vermicompost-Derived PGPR: Functional Characterization and Greenhouse Evaluation in Vegetable Crops	
14:20–14:30	OC 21	NOUR EDDINE MAKHLOUFI — Propagation du câprier (<i>Capparis spinosa</i> L.) : des méthodes conventionnelles aux approches biotechnologiques	
14:30–14:40	OC 22	OUMAIMA OUADDI — The efficacy of marine microalgae extracts in both in vitro and in vivo experiments against <i>Pseudomonas corrugata</i> , a bacterial pathogen causing pith necrosis in tomatoes	
14:40–14:50	OC 23	SARRA CHACHOUI — Biotechnological valorisation of aqueous extracts of freshwater algae: Effect on vitamin C content in two crop species	
14:50–15:00	OC 24	YASMINA JAOUHARI — Étude phytochimique, capacité antioxydante et évaluation de la toxicité aiguë de l'extrait aqueux des fruits de <i>Chamaerops humilis</i> L	

DAY 2 · Friday 2 October 2026			Room 3 · 14:00–15:40
15:00–15:10	OC 25	ZAKIA ZRIOUIL — Phytochemical Profiling and Evaluation of the Antioxidant and Anti-Inflammatory Activities of <i>Rosmarinus officinalis</i> , <i>Ziziphus lotus</i> and <i>Syzygium aromaticum</i> Extracts	
15:10–15:20	OC 26	HAJAR BERRAISSOUL — Indigenous Rhizobacteria from <i>Melilotus siculus</i> Promote Plant Growth and Nutrient Cycling under Saline-Alkaline Stress in Southern Morocco	
15:20–15:30	Virtual 3	CHAIMAA ELABBARI — Optimizing Nitrogen Use in Agriculture for Sustainability and Reduced Environmental Impact	
15:30–15:40	Virtual 4	MOHAMMED MEHDAOUI — Potentiel allélopathique et activité antioxydante d' <i>Artemisia campestris</i> L	

THEMATIC 4 · ROOM 1 · DAY 2			10 communications · 7 oral · 3 virtual
Environment, Innovation and Governance for Sustainability			
DAY 2 · Friday 2 October 2026			Room 1 · 14:00–15:40
Chairpersons Pr. DLIQU, Dr. BOUHARROUD, Pr. TAHIRI & Pr. ATIK			
14:00–14:10	OC 1	ABDALLAH ZOUBI — Rethinking sustainability at home: Personal food governance as a lever for reducing food waste in Morocco	
14:10–14:20	OC 2	ABDELHADI IFLILISS — Apport des images ASTER et des données radiométriques aéroportées dans la cartographie du potentiel minier de Taznakht (Anti-Atlas central, Maroc)	
14:20–14:30	OC 3	LAILA AMJLEF — Biomass and agricultural Waste Valorization in Construction Materials within a Circular Economy Framework	
14:30–14:40	OC 4	ASMAE SEDQUI — La responsabilité civile environnementale face aux atteintes climatiques aux ressources en eau	
14:40–14:50	OC 5	HAMCHA DINAR — Gouvernance des données ouvertes et innovation pour la durabilité : Analyse bibliométrique	
14:50–15:00	OC 6	KHADIJA OUKNINE — Assessment of Greenhouse Gas Emissions in Essaouira Province: The case of Solid Waste	
15:00–15:10	OC 7	FATMA SKIH — Local Knowledge of the Black Tent and Its Role in Sustainable Development in Guelmim Province: An Eco-cultural Study	
15:10–15:20	Virtual 1	AADIL KATITOU — AI-Driven Innovation for Sustainable Environmental Governance and Smart Resource Management	
15:20–15:30	Virtual 2	ASSIA EL KABOUS — A Bibliometric Study of the Impact of Climate Change on Groundwater	
15:30–15:40	Virtual 3	HAJAR BENALI — Trends and directions in biochar research in Morocco: a bibliometric analysis	

POSTER SESSION · DAYS 1 & 2

30 posters · on display throughout the congress, to be visited during the coffee breaks

THEMATIC 1 · Ecosystems, Biodiversity and Global Change			6 posters
P 10	HIBA TOUIJ	Ecological Diversity of Desert Truffles in Morocco	
P 11	MOURAD TOUAF	Four Decades of Climate Warming: Resilience and Threshold Dynamics in Moroccan <i>Tetraclinis articulata</i> Ecosystems	
P 12	YOUNESS NACIRI	Assessing Carbon Storage Potential in the Mediterranean forests: A review of Morocco's ecosystems	
P 13	SAIDA CHAKOUK	Genetic diversity and climate resilience of Moroccan endemic honeybees: A molecular and "One Health" perspective	
P 14	YOUSRA CHEDAF	Study of phytoplankton communities along the central Moroccan Atlantic coast: Imessouane–Tamhroucht	
P 15	ZAINAB YOUSOUFI	Qualité physico-chimique et bactériologique des sources karstiques Fom Oudi et Timouilt (bassin versant de l'Oum Er Rabia, Maroc)	

THEMATIC 2 · Pollution, Environment and Health (One Health Approach)			9 posters
P 1	ADIL EL HOUSSEINI	Neurotoxicité centrale et dynamique physiopathologique de l'envenimation scorpionique	
P 2	AHMED OUBAASRI	Advancing Tuberculosis Epidemiology through Machine Learning: Applications in the Guelmim-Oued Noun Region, Morocco	
P 3	SAMIHA BOUAOUICH	Geographical distribution and population dynamics of <i>Bulinus truncatus</i> in the Drâa-Tafilalt region: impact on schistosomiasis transmission	
P 4	HAJAR LATKAL	Evaluation of the antimycobacterial activity of <i>Pistacia lentiscus</i> leaves extracts	
P 5	HIND HASSANI IDRISSE	Detecting the Invisible: AI-Driven Early Signal Identification for Disease Prediction in Epidemiology	
P 6	IKRAM ANOU	Afucosylated IgG in viral infections: From immune protection to immunopathology	
P 7	MARIAME NAJEM	Spontaneous toxic plants and global health in Moroccan agroecosystems: towards a One Health approach	
P 8	MOUNIA BOUTAHAR	Public Health Significance of <i>Blastocystis</i> sp. Infection in Morocco: Diagnostic Challenges and Epidemiological Insights	
P 9	SIHAM LASRI	The "One Health" Approach: a Strategic Framework for Enhancing Competitiveness and Sustainability of the Fisheries Sector in Morocco	

THEMATIC 3 · Food Security, Nutrition and Sustainable Agriculture			15 posters
P 16	ABDELHADI AJERRAR	Insect pollinators of <i>Argania spinosa</i>	
P 17	ABDESSAMAD BOUKHIMA	Biological Control of Tomato Diseases and Improvement of Agronomic Performance Using Brown Algae Extracts under Greenhouse Conditions	
P 18	ABDOUSSADEQ OUAMNINA	Comparative Evaluation of Phenolic Content and Antioxidant Properties of Moroccan Date Palm Varieties (<i>Phoenix dactylifera</i> L.) Across Two Harvest Seasons	
P 19	FATIMA AHBACHOU	PGPR and AMF: A One Health Perspective on Plant Resilience to Climate-Induced Abiotic Stress	
P 20	BADR EZZYKY	Influence of PGPR Consortium-Based Bio-priming on Tomato (<i>Solanum lycopersicum</i> L.) Tolerance to Water Deficit During Germination and Seedling Growth	
P 21	SOUKAINA BAYJJI	Élaboration et analyse des farines animales comme source nutritive pour l'alimentation du bétail	
P 22	WAFI CHUIS	In vitro evaluation of the Antagonistic Potential of <i>Trichoderma</i> sp. Against Fungal Pathogens of Tomato Seedlings in a Commercial Nursery	
P 23	CHAIMAE EL HERCH	Four Decades of Research on Barley Net Blotch: Are We Moving Toward Sustainable Management?	
P 24	IMANE OSLANE	Effect of Infection Sites on Root Rot Development in Durum Wheat (<i>Triticum durum</i>) Caused by <i>Fusarium culmorum</i> and <i>Bipolaris sorokiniana</i>	
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