



الجمهورية الجزائرية الديمقراطية الشعبية

People's Democratic Republic of Algeria

وزارة التعليم العالي والبحث العلمي

Ministry of Higher Education and Scientific Research

جامعة محمد الشريف مساعديّة سوق أهراس

Mohamed Cherif Massaadia University – Souk-Ahras

Faculty of Nature and Life Sciences (FNL)

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Laboratory of Sciences & Techniques of Water & Environment (LST2E)(Algeria)

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Laboratory of Resources, Materials and Ecosystems (LRME) (Tunisia)

&

Laboratory of Comparative Endocrinology (EClab) (Italy)

Organize:

M CERH'2024

Mediterranean Conference on Environment, Risks and Health

October, 15th & 16th, 2024, Souk-Ahras

Honorary Chair: Prof. MOUSSA Noura, Rector of the University

Conference Chair: Prof. KHALDI Fadila (Algeria)

Conference Co-Chair : Prof. SLEIMI Noemène (Tunisia)

Scientific Committee President: Prof. GUERRIERO Giulia (Italy)

Organizing Committee President: Dr. GUEZGOUZ Nouredine (Algeria)



PROGRAM TIMING



First Day: 15/10/2024

8h:00 - Participant registration

Big Amphitheater

9h:30-10h:00 Opening Ceremony

10h:00-11h:15 Opening Conference

Chair : Prof. DJEBAR Mohamed Réda - **Moderators:** Prof. BOUDJELIDA Hamid & Prof. GHEID Abdelhak

10h:00-10h:20

Opening Conference: **Coastal pollution and risk assessment: case study of the Gulf of Annaba (Algeria)**

Prof. SOLTANI Nouredine (Algerian Academy of Sciences and Technologies, Algiers and Laboratory of Applied Animal Biology, Badji Mokhtar University, Annaba. Algeria)

10h:30-11h:00 - Coffee Break

11h:00-13h:00 Plenary Session

Chair : Prof. SLEIMI Noomène - **Moderators:** Prof. BOUMEDJEL Mahyeddine & Prof. LALAOUI Kouraichi

11h:00-11h:20

Conference (1) : **The Sustainable Development in the Mediterranean: dialogue and opportunities for cooperation through science, knowledge and skills among MUNA Universities**

Prof. GUERRIERO Giulia (IRCEnv (CIRAm) Federico II University, Naples (Italy))

11h:30-11h:50

Conference (2) : **Le compost : Un véritable mini laboratoire pour les biotechnologies enzymatiques et ses applications**

Prof. LADJAMA Ali (Laboratory of Biochemistry and Applied Microbiology, Badji Mokhtar University, Annaba. Algeria)

12h:00-12h:20

Conference (3) : **Biodiversity and impact of climate change**

Prof. ABDELRAOUF Mostapha A (Suez Canal University, Egypt)

12h:30-12h:50

Conference (4) : **Wastewater flow interaction to spring water quality in Sarida basin / Palestine**

Prof. GHANEM Marwan (Birzeit University, Ramallah – Palestine)

13h:00-14h:00 - Break

ORAL PRESENTATION SESSION

Room 1		TOPIC 01. Health & Environment		
Moderators : Prof. LADJAMA Ali & Prof. BENDJEDDOU Dalila				
	14h:00-14h:20	Conference (5) : Selection of molecules and plant extracts with pro/antiplatelet potential for therapeutic purposes		
		Prof. HADJKACEM Basma (Laboratory of Molecular Biotechnology of Eukaryotes, University of Sfax, Tunisia)		
	Time	Participant	Affiliation	Title
1	14h:30-14h:40	BAROUR Ali Abdelmotalab	Univ. Souk-Ahras. Algeria	Production of some honey herbal teas for therapeutic and commercial purposes
2	14h:40-14h:50	SAOUDI Boujemaa	Univ. Souk-Ahras. Algeria	A new thermoalkaliphilic pectate lyase (<i>Pel-20</i>) from <i>Actinomadura keratinilytica</i> Cpt20
3	14h:50-15h:00	DAAS Nesma Abir	Univ. Annaba. Algeria	Physiological responses of a larvivorous fish <i>Gambusia affinis</i> exposed to a pyrethroid insecticide
4	15h:00-15h:10	BENRADIA Mouna	Univ. Souk-Ahras. Algeria	La suberaie de la wilaya de Souk-Ahras (nord-est de l'Algérie) : évaluation de l'état actuel et perspectives de réhabilitation, conservation et développement durable des ressources naturelles de production de liège



5	15h:00-15h:10	BEN ABID Sihem	Center of Biotechnology. Sfax. Tunisia	Screening Phage Display libraries on tumor suppressor P53 : yield improvement by zinc and a parasite phages-integrating analysis
Debate				
Room 2		TOPIC 01. Health & Environment		
Moderators : Prof. ABDELRAOUF Mostapha A - & Prof. KADRI Skander				
	14h:00-14h:20	Conference (6) : La Biotechnologie: Outil pour lutter contre les changements climatiques Prof. STAMBOULI Sondes (<i>Laboratoire de recherche (LR11ES09) "Biodiversité, Biotechnologies et Changements Climatiques", Université El Manar, Tunisie</i>)		
	Time	Participant	Affiliation	Title
1	14h:30-14h:40	AYARI Adel	Univ. Souk-Ahras. Algeria	3-O-β-D-glucopyranoside stigmast-5-ène, un antibactérien extrait de <i>Streptomyces</i> sp. AA25 associé aux poissons d'eau douce (<i>Barbus callensis</i>)
2	14h:40-14h:50	KADI Assia	Univ. Annaba. Algeria	<i>Sanguisorba minor</i> scop, a preventive biotherapy against experimental squamous cell carcinoma
3	14h:50-15h:00	CHIAHI Nadia	Univ. Souk-Ahras. Algeria	The impact of treated wastewater on the behavior of common wheat
4	15h:00-15h:10	KHALDI Fadila	Univ. Souk-Ahras. Algeria	Antioxidant power of bean seeds of the species <i>Phaseolus vulgaris</i> L. subjected to abiotic constraints (Metal and Water Stress)
5	15h:10-15h:20	RAFFA Sabrina	Univ. Souk-Ahras. Algeria	Identification de la souche actinomycétale <i>Streptomyces</i> CR4 extraite à partir d'un coléoptère scarabée de la ruche isolée dans la région de Souk Ahras
6	15h:20-15h:30	BENRADIA Imen	Forest Conservation Souk-Ahras	Exploring riparian buffer dynamics and metal contamination in Mediterranean ecosystems: A case study of "Populus alba L." Along the Madjerda river, Souk-Ahras, Northeast of Algeria
Debate				
Room 3		TOPIC 02. Ecotoxicology of Animals and Plants		
Moderators : Chair :Prof. OUALI Kheireddine & Prof. KHALDI Fadila				
	14h:00-14h:20	Conference (7) : Genetic diversity and phytochemical potential of wild olive tree (<i>Olea europaea</i> L. Var <i>Sylvestris</i>) Prof. HANNACHI Hédia (<i>Laboratory of Plant Productivity and Environmental Constraints (LR18ES04), Department of Biology, University EL Manar, Tunis, Tunisia</i>)		
	Time	Participant	Affiliation	Title
1	14h:30-14h:40	BOUBSIL Soumaya	Univ. Souk-Ahras. Algeria	Amelioration of copper chloride-induced liver alteration in rabbits using vitamin E supplement
2	14h:40-14h:50	KHIARI Mohamed	Univ. Souk-Ahras. Algeria	Essential oil of <i>Pistacia lentiscus</i> leaves prevents human lung epithelial cells (a549) against nionanoparticule induced oxidative stress
3	14h:50-15h:00	HAMAIDIA Kaouther	Univ. Souk-Ahras. Algeria	Assessment of a juvenile hormone analog on insect reproduction: Cell-based & <i>in vivo</i> assays
4	15h:00-15h:10	AOUAICHIA Khaoulae	Univ. Souk-Ahras. Algeria	Earthworms valorize the environmental risk assessment of agrochemicals: Histopathological study
5	15h:10-15h:20	BELHAMZA OUI Khaled	Univ. Annaba. Algeria	Reprotoxicité des résidus d'hormones stéroïdiennes sur le rat Wistar mâle
6	15h:20-15h:30	BENDJEBBAR Roumaïssa	Univ. Souk-Ahras. Algeria	TMEs evaluation: copper and zinc in edible tissues of <i>Cornu aspersum</i> in three sites of the Souk-Ahras region (Northeastern Algeria)
7	15h:30-15h:40	MERGHAD Ines	Univ. Souk-Ahras. Algeria	Contribution à l'étude de l'hématotoxicité de Propinèb chez le rat Wistar
Debate				
Room 4		TOPIC 03. Biodiversity & Management		
Moderators : Prof. GHANEM GHALEB Marwan & Prof. MAAZI Mohamed Cherif				
	Time	Participant	Affiliation	Title
1	14h:30-14h:40	BOUSSAADA Zakaria	Univ. Souk-Ahras. Algeria	Biodiversity of ornamental plants in the green spaces: the case of the university 8 th may 1945 Guelma, Algeria.
2	14h:40-14h:50	BOUMAAZA Nour El-Houda	Univ. Souk-Ahras. Algeria	Sustainable cherry cultivation: the ethno-agricultural practices and its role in production quality, enhancing biodiversity and environmental health in Souk-Ahras region, Northeast Algeria
3	14h:50-15h:00	CHEFROUR Rayane	Univ. Souk-Ahras. Algeria	Modeling the relationship between tree height and the abundance of the Sardinian warbler using eviews
4	15h:00-15h:10	BOUZOUAL EGH Raouf	Univ. Souk-Ahras. Algeria	Production des alevins monosexes chez le poisson Tilapia rouge <i>Oreochromis</i> sp.
5	15h:10-15h:20	GUEZGOUZ Nouredine	Univ. Souk-Ahras. Algeria	Innovative approaches to ecological monitoring using AI and modern technologies
6	15h:20-15h:30	VANGONE Rubina	Univ. Naples "Federico II". Italy	Testis histo-morphological changes induced by nanoparticles of agro food waste in rats treated with nickel and aluminium



Debate

Room 5		TOPIC 04. Pollution Control Strategies		
Moderators : Prof. AMAROUYACHE Mounia & Prof. GHRIEB Lessaad				
	Time	Participant	Affiliation	Title
1	14h:30-14h:40	MERGHAD Amina	Univ. Souk-Ahras. Algeria	Valorization of the role of earthworms in the bioremediation of contaminated Soil in Souk Ahras (Algeria)
2	14h:40-14h:50	AMAROUAY ACHE Mounia	Univ. Annaba. Algeria	Freshwater biodiversity (fish and crustaceans) in Algeria : Richness, threats and conservation
3	14h:50-15h:00	GHRIEB Lessaad	Univ. Guelma. Algeria	Open-pit iron ore storage and its impact on water quality in the Djebissa region in Tebessa (Algerian N-E)
4	15h:00-15h:10	GOUASMIA Ghouzala	Univ. Souk-Ahras. Algeria	Crustacean zooplankton diversity in temporary pools of Souk Ahras region
5	15h:10-15h:20	HERAMZA Karima	Univ. El Taref. Algeria	Dynamique spatio-temporelle du genre <i>Melosira</i> dans le Barrage D'ain El Dalia (Souk Ahras)
6	15h:20-15h:30	SAHTOUT Fatiha	Univ. Souk Ahras. Algeria	Age, size structure and population dynamics of common bream <i>Abramis brama</i> (Linnaeus, 1758), in the Bouhamdane dam, Guelma (Algeria)

Debate

POSTER PRESENTATION SESSION

Poster Session - In person (Topic 1)

16h.30-18h.00	Topic 1: Health and Environment / Room 1 Moderators : Pr. BOUASLA Asma & Dr LAYACHI Naima	Topic 1: Health and Environment / Room 2 Moderators : Dr MERGHAD Amina & Dr.AMRI Assia
16h.30-16h.35	P1-1. AMROUNE Abdelkader (Univ. Batna) Monitoring des pollens allergisants aéroportés des mauvaises herbes à Batna: résultats d'une année d'étude	P1-14. BOURAFA Nadjette (Univ. SA) Caractérisation phénotypique des facteurs de pathogénicité des entérocoques d'origine urinaire isolés chez des patients communautaires
16h.35-16h.40	P1-2. MELLOUK Fatma Zohra (Univ. Annaba) Tuberculose, santé et environnement : défis et stratégies pour une prévention efficace	P1-15. BATAH Rima (Univ. SA) Detection of antibiotic residues in cow's milk in Souk Ahras, Algeria
16h.40-16h.45	P1-3. DJEDDAR Hakima (Univ. SA) Evaluation de l'activité larvicide d'un biopesticide sur les paramètres biochimiques et physiologiques de l'espèce <i>Culex pipiens</i> (diptera : culicidae)	P1-16. KHACHA Nadjet (Univ. SA) Sélection de souches de bactéries lactiques extrémotolérantes
16h.45-16h.50	P1-4. BENSEGUENI Chaima (Univ. Constantine) Optimizing biogas production from agri-food industry waste through pH control	P1-17. LAYACHI Naima (Univ. SA) Phytochemical evaluation, antioxidant and anti-inflammatory potentials <i>in vitro</i> of <i>Laurus nobilis</i> L. (Lauraceae)
16h.50-16h.55	P1-5. REZIG Walid (Univ. Oran) Characterization and valorization of drying sludge from oil separators and WWTP and their impacts on health and the environment at the level of GL1/Z complex	P1-18. LAIBI Kaouther (Univ. SA) Cherry trees behavior under the external factors in the region of Souk Ahras
17h.00-17h.05	P1-6. CHEMMAM Dounya Achwak (Univ. Jijel) Exploring the antioxidant potential of filamentous fungi as a sustainable source of bioactive compounds	P1-19. AGOUNI Mouna (Univ. SA) Physicochemical study of agricultural soils harvested from the region of Souk Ahras and their effects on the physiology of a leguminous plant bioindicator of pollution
17h.05-17h.10	P1-7. SMAALI Mohamed El Amine (Univ. SA) Ethyl acetate fraction of <i>Astragalus membranaceus</i> as a potential source of antioxidant compounds	P1-20. GOUASMIA Raounak (Univ. SA) Antioxidant activity of extracts from leaves of an Erica plant from Souk Ahras
17.10-17.15	P1-8. LAALIA Leila (Univ. Annaba) Détection des souches de <i>Pseudomonas aeruginosa</i> résistantes à l'imipénème isolées chez des patients brûlés et leur environnement. Hôpital Ibn Sina, Annaba	P1-21. DRAIAIA Radia (Univ. SA) Étude de l'huile essentielle de <i>Thymus vulgaris</i> de la région de Souk Ahras, Algérie : composition chimique, antioxydant, anti-inflammatoire
17.15-17.20	P1-9. REZAGUI Messaouda (Univ. Annaba) Etude phytochimique et biologique du Myrte « <i>Myrtus communis</i> L.»	P1-22. DJEDDOU BENABID Amira (Univ. SA) Challenges to camel survival in Algeria: the effects of ecosystem pollution and abortive diseases (toxoplasmosis and brucellosis)
17.20-17.25	P1-10. BOUHOUIA Asma (Univ. SA) Place de l'armoise rouge ' <i>Artemisia campestris</i> L.' dans la médecine traditionnelle en Algérie	P1-23. OUAHAB Amina (Univ. SA) Etude phytochimique et le pouvoir antioxydant des extraits acétoniques de propolis
17.25-17.30	P1-11. ABED Yosra (Univ. SA) Prévalence des souches d' <i>Escherichia coli</i> multi-résistantes aux antibiotiques isolées de la flore intestinale de poulets de chair dans la wilaya de Guelma	P1-24. MENAIAIA Khaoula (Univ. SA) Biological properties of medicinal plant



17.30-17.35	P1-12. DJABOURABI Rayene (Univ. SA) Survey on quality criteria and cherry consumption habits in Souk Ahras region: consumer perspectives	P1-25. . KAMEL Khaoula (Univ. SA) Profil d'antibiorésistance des isolats d' <i>Escherichia coli</i> et de <i>Salmonella</i> spp. issus des élevages de poulets de chair dans l'est de l'Algérie
17.35-17.40	P1-13. HABERRA Soumaya (Univ. SA) Screening and optimization of cellulase production from a newly actinomycetes strains isolated from the Souk Ahras region.	P1-26.HAMI Amira (Univ.SA) Evaluating Groundwater Suitability for Sustainable Agricultural Irrigation: Perspectives from the Taoura Region in Northeastern Algeria.

Poster Session - In person (Topic 3)		
16.30-18.00	Topic 3 : Biodiversity & Management / Room 3 Moderators: Pr.HAMADIA Kaouther & Dr MENAA Mohcen	Topic 3 : Biodiversity & Management / Room 3 Moderators: Pr ALI RACHEDI Fahima & Pr SEDDIK Sihem
16.30-16.35	P3-1. GUETTOUCHE Ahmed Diya Elhak (H S .Alger) Distribution and diversity of Cetoniinae beetles (Insecta: Coleoptera: Scarabaeidae: Cetoniinae) in apple orchard at the Aures region.	P3-10. CHABACA Hasna (Univ. SA) Monitoring of diatoms in El Mellah lagoon
16.35-16.40	P3-2. MELOUAH Khalil (Univ. SA) Inventory and distribution of mollusks in the Algerian East coast (El kala region)	P3-11. ZAOUI Samah (Univ. Annaba) Mapping bio-indicator plant populations of the post-fire juvenile stage (case of the brabtia forest. Pnek)
16.40-16.45	P3-3. GUERFI Sarra (Univ.SA) The Role of Micro-Invertebrates in Assessing Water Quality at Lake des Oiseaux, El-Tarf, North-East Algeria.	P3-12. MOHDEB Rima (Univ. Jijel) Biodiversité ichtyologique de la baie de Jijel, Est-algérien
16.45-16.50	P3-4. MOUALKI Naouel (Univ. SA) Effet des paramètres physicochimiques de l'eau sur la richesse de la végétation au barrage d'Oued Charef	P3-13. HAZEM Khaoula (Univ. GUELMA) La Diversité des Hétéroptères Dans le Parc National d'Elkala
16.55-17.00	P3-5. AYARI Djamilia(Univ. SA) Evaluation de la diversité et de la variation spatiotemporelle de l'abondance de la colonisation des racines de l'olivier (<i>olea europaea</i> L) par les champignons mycorhiziens arbusculaires dans la région de souk-ahras. Extreme-nord-est algerien	P3-14. AOUADI Abdellah (Univ. SA) Urbanization and wetland biodiversity: assessing land use changes and human perceptions
17.00-17.05	P3-6.KHEDIR Houda (Univ. SA) Biodiversité des odonates dans les rivières medjerda et cheref : une étude de la qualité des écosystèmes aquatiques	P3-15. BOUALI Nouredine (Univ.El Oued) Étude ethnobotanique de quelques plantes médicinales antidiabétiques de la pharmacopée traditionnelle de la région d'El Oued (Sahara septentrional).
17.05-17.10	P3-7. CHEMOURI Fatma Zohra (Univ. SA) La végétation de naama: facteur de réhabilitation cas de <i>retama raetam</i> (forssk.) Webb.	P3-16. BOUCHARMA Maroua (Univ. SA) Fire-driven changes in bird abundance and richness: insights from pine forests, northeastern of algeria
17.10-17.15	P.3-8. TOUARFIA Moundji (Univ. SA) First data of the distribution of the invasive species <i>Ailanthus altissima</i> (Mill.) Swingle within the Souk Ahras region, North eastern of Algeria	P3-17.BOUAMRANE Abdelghani (Univ.SA) Répartition des plantes fourragères spontanées (graminées, légumineuses) sur les rives du lac tonga du parc national d'el kala wilaya el Tarf
17.15-17.20	P.3-9. BOUAGUEL Leila (Univ. SA) Analyse du contenu pollinique atmosphérique de la région de Souk Ahras	

Poster Session - In person (Topic 2 + 4)		
16.30-18.00	Topic 2 : Ecotoxicology of Animals and Plants / Room 4 Moderators: Dr BOUBSIL Soumaya & Dr BERROUK Houda	Topic 4 : Pollution Control Strategies / Room 4 Moderators: Pr.KAOUACHI Nouha & Pr.BOUALLEG Chahinez
16.30-16.35	P2-1. SOUILAH Nesrine (Univ. Guelma) Etude toxicologique du nitrate de calcium sur un modèle biologique <i>Paramecium</i> sp.	P4-1. GUEFASSA Youcef (Univ. SA) Agricultural reuse of treated wastewater: pollution levels and irrigation suitability in Sedrata region, Souk-Ahras
16.35-16.40	P2-2. AMRI Assia (Univ. SA) Impact of foliar application of α -tocopherol on growth parameters, DNA integrity loss, cell proliferation increase, nuclear morphology and chromosomal alterations of faba bean cultivars under cadmium stress	P4-2. BENSAFIA Nabila (Univ. Annaba) Biomonitoring of water quality in the gulf of Annaba (east Algeria) through the analysis of trace metals in the sponge <i>S. spinosulus</i>
16.40-16.45	P2-3. BOUAZIZ Ali (Univ.SA) Chemical study of <i>Artemisia herba alba</i> and its insecticidal effect against <i>Culex pipiens</i> .L	P4-3. HOUHAMEDI Ines (Univ. Guelma) Eco-ethologie de la sarcelle marbrée <i>Marmaronetta angustirostris</i> dans le Sahara oriental d'Algérie
16.45-16.50	P2-4. BERROUK Houda (Univ. SA) Etude de la mortalité, la croissance, la morphologie et le comportement des vers de terre <i>Apporectodea trapezoide</i> vis-à-vis d'un insecticide «Stora»	P4-4. MENASRIA Amel (Univ. SA) Parasitic helminths of red mullet <i>Mullus Surmuletus</i> (linée, 1758) in the eastern Algerian coast (Golf d,Annaba)



16.50-16.55	P2-5. DEBABS Rafika (Univ. SA) Acute toxicity of an herbicide, Sekator, on the liver biochemical parameters in male rabbits (<i>Oryctolagus cuniculus</i>)	P4-5. BOUZAHOUANE Hana (Univ. SA) Évaluation de la pollution métallique marine : <i>Stramonita haemastoma</i> comme outil de surveillance environnementale
17.00-17.05	P2-6. AOUAMRIA Keltoum (Univ. SA) Ecotoxicité des néonicotinoides vis-à-vis les lombrics	P4-6. SEDRATI Fateh (Univ. SA) Exploration des relations entre l'exposition à l'Al ₂ O ₃ et les réponses des biomarqueurs chez <i>Stramonita haemastoma</i>
17.05-17.10	P2-7. DRAOUE T Chaima (Univ. SA) Ethanol leaf extract of <i>Lantana camara</i> affect the biochemical profile of <i>Culex pipiens</i> (Diptera: Culicidae)	P4-7. SAIGHI Lamia (Univ. SA) Inventory of insects pests of cork oak forest Ouled Driss (Souk Ahras)
17.10-17.15	P2-8. BOUGUERCHÉ Faiza (Univ.SA) Effect of the prickly pear on the development of rabbits <i>Oryctolagus cuniculus</i>	P.4-8.KANACHE Dounia (Univ. SA) Variation in the levels of certain trace elements and heavy metals in bleu crab (<i>Callinectes sapidus</i>) populating the Mellah lagoon in northeast Algeria
17.15-17.20	P.2-9.NECIB Asma (Univ.SA) Effet de la pollution liée au trafic routier sur les paramètres physiologiques et biochimiques de laurier rose (<i>Nerium oleander L.</i>)	P.4-9.SEDDIK Sihem (Univ. SA) Evaluation d'impact des traces métalliques (Bassin versant de Oued Medjerda) sur la structure des gastéropodes terrestres
17.20-17.25	P2-10.MADI Narimène (Univ.SA) Potentiel insecticide d'une huile essentielle d'une espèce de (Anacardiaceae) à l'égard de moustique (Diptera : Culicidae)	P.4-10.AIT AMMAR Yacine (Univ. SA) Impacts des rejets des stations d'épuration sur les milieux récepteurs
17.25-17.30	P2-11. ARAAR Samia (Univ. SA) Histopathological study of rat liver and kidney following exposure to calcium nitrate	P.4-11.DJABER Selma (Univ. SA) Dépollution des eaux contaminées par des substances organiques
17.30-17.35	P2-12. SAYAH Sarra (Univ. SA) L'effet du stress oxydant induit par chlorure de mercure sur la fonction rénale chez les rats Wistar	P4-12.DAIRI Sabri (Univ.SA) Artificial intelligence algorithm application in wastewater treatment plants:Case study for energy consumption

Second Day: 16/10/2024

ORAL PRESENTATION: ONLINE SESSION

TOPIC 01. Health & Environment Moderators : Prof. KHALDI Fadila & Dr. BOUZAHOUANE Hana Link : google meet				
	9h:00-9h:20	Conference (8) : BIOCHAR : A potential approach to reduce the toxicity of heavy metals in plants Prof. GRARA Nedjoud (University of Guelma, Algeria)		
	Time	Participant	Affiliation	Title
1	9h:30-9h:40	CHOWDHURY Mahamuda Jahan	Univ. Dhaka. Bangladesh	Climate leadership initiative for urban pollution
2	9h:40-9h:50	ALLALGUA Amel	Univ. Souk-Ahras. Algeria	Growth of the Cyprinidae fish <i>Lucio barbus callensis</i> in Eastern Algeria
3	9h:50-10h:00	BAAZIZ Sabrina	Univ. El Tarf. Algeria	<i>Canine leishmaniasis</i> in Maghreb countries
4	10h:00-10h:10	SAADA zakia	Univ. El Tarf. Algeria	<i>Spirulinaplantensis</i> et ses constituants : intérêts nutritionnels et activités thérapeutiques
5	10h:10-10h:20	MERAD Mira	Univ. Biskra. Algeria	Sustainable approaches to enhancing soil health and environmental quality in arid regions
6	10h:20-10h:30	BENAISSA Amina	Univ. Skikda. Algeria	Environmental risk assessment of toluene and remediation via β -CD
7	10h:30-10h:40	NAPOLETANO Pasquale	Univ. Florence. Italy	Alterations of soil processes due to different land use and management in the Souk-Ahras Province (Algeria)
8	10h:40-10h:50	BOUAMRANE Zineb	Univ. Mila. Algeria	Estimation of phenolic, flavonoid, and tannin contents and evaluation of the ferric reducing power in two <i>Ruta</i> species from the Mila region
9	10h:50-11h:00	ZAHNIT Wafa	Univ. Ouargla. Algeria	Development and characterization of bio-adsorbent membrane from eggshell/orange waste reinforced with banana starch
10	11h:00-11h:10	HEMMAMI Hadia	Univ. El Oued. Algeria	Green Synthesis of CaO Nanoparticles from Thermal Decomposition of Chicken Eggshells: Antibacterial, Antifungal, and Heavy Metal (Pb ²⁺ , and Hg ²⁺) Adsorption Properties
11	11h:10-11h:20	YAHAYA Noor Fatima	Univ. Sains. Malaysia	Trends in solid phase extraction techniques for analytical quantification of antibiotics
12	11h:20-11h:30	SALISU YAHAYA Ahmad	University of Katsina. Nigeria	An approach to integrating health-environment fields into the path of sustainable development

Debate



TOPIC 01. Health & Environment				
Moderators : Prof. HAMAIDIA Kaouther & Dr. AYARI Adel				
Link : google meet				
	Time	Participant	Affiliation	Title
1	9h:30-9h:40	ZEGHOUD Soumeia	Univ. El Oued. Algeria	Development of bio-sorbent derived from banana peel waste for lead removal from wastewater
2	9h:40-9h:50	BEN AMOR Ilham	Univ. El Oued. Algeria	Development of cellulose-based biosorbents from the residue of the peanut shells for copper removal
3	9h:50-10h:00	MOUALEK Idir	Univ. Tizi-Ouzou. Algeria	Exploration du potentiel hémostatique de la flore médicinale algérienne et ses implications anti-inflammatoires potentielles
4	10h:00-10h:10	AIRECHE Marwa	Higher School of Biological Sciences .Oran.Algeria	The use of a polyphasic approach to assess bacterial diversity in thermophiles: 16S rRNA gene sequencing, maldi-tof mass spectrometry, and molecular genotyping
5	10h:10-10h:20	HAMMADI Amira Ilhem	Higher School of Biological Sciences .Oran.Algeria	Innovative bioremediation: Utilizing extremophiles for sustainable pollution mitigation
6	10h:20-10h:30	BOUKHALLAT Karima	Univ. Khenchela. Algeria	Assessing hydrogeochemical properties and the sustainability of groundwater quality for drinking and irrigation purposes
7	10h:30-10h:40	MEKNASSI Khadidja	Univ. Tiaret. Algeria	Isolation and identification of petroleum hydrocarbons degrading bacteria
8	10h:40-10h:50	LIMAMI Maroua	Univ. Tebessa. Algeria	Extraction of antibacterial secondary metabolites derived from <i>Streptomyces</i> strain
9	10h:50-11h:00	KHELIFI Omar	Univ. Adrar. Algeria	Drug uptake from aqueous solutions by modified low-cost biomass for environment protection
10	11h:00-11h:10	DRIDI Rayene	Univ. Souk-Ahras. Algeria	Spatiotemporal Analysis of Land Surface Temperature (LST) and Normalized Difference Vegetation Index (NDVI) in the Souk-Ahras Region: Evolution from 2004 to 2024
11	11h:10-11h:20	AMMOUR Amina	Univ. USTO-MB Oran, Algeria	Association between ABCB1 SNP 3435C>T polymorphism and hematological toxicity in Algerian breast cancer patients
12	11h:20-11h:30	KEHOUL Nassima	Univ. Mila. Algeria	Medicinal uses of <i>Quercus</i> species in the province of Mila, northeast Algeria

Debate

TOPIC 02. Ecotoxicology of Animals and Plants				
Moderators : Chair : Prof. GRARA Nedjoud & Dr. CHIAHI Nadia				
Link: google meet				
	Time	Participant	Affiliation	Title
1	9h:30-9h:40	MOUMEN Yasmina	Univ. Oum El Bouaghi. Algeria.	Assessment of acute toxicity of copper sulfate <i>in vitro</i> and <i>in vivo</i>
2	9h:40-9h:50	BENBAHI Imen	Univ. Mascara. Algeria	Phyosanitary protection of vineyards against phytopathogenic fungi, pests in the Mascara region
3	9h:50-10h:00	BOUAROUDJ Nor El Yakine	Univ. Souk Ahras. Algeria	La néphrotoxicité causé par le sulfate de cuivre chez le lapin local « <i>Cuniculus lepus</i> »
4	10h:00-10h:10	DJEMIL Hadjer	Univ. Souk Ahras. Algeria	Reprotoxicité induite par lambda cyalothrine et l'impact prophylactique de l'huile essentielle de <i>Salvia officinalis</i> chez les mâles lapins <i>Cuniculus lepus</i>
5	10h:10-10h:20	MORSLI Seloua	Univ. El Tarf. Algeria	Effects of a pesticide inhibitor of chitin synthesis, the dimilin, on the structure of cuticle of the shrimp <i>Penaeus thurus</i> (Decapoda, Penaeidae)
6	10h:20-10h:30	ATAILIA Amira	Univ. Annaba. Algeria	Impact de la bioaccumulation des (métaux lourds) sur l'escargot <i>Helix aspersa</i> : Effets sur les biomarqueurs
7	10h:30-10h:40	SADLAIB Ouafa	Bioressources Marines	Les dinoflagellés benthiques toxiques en Méditerranée cas de la Baie d'Annaba (Algérie)
8	10h:40-10h:50	GHEID Samira	Univ. El Tarf. Algeria	Assessment of heavy metal toxicity in shrimp at the Sidi Salem region
9	10h:50-11h:00	MAIZI Naila	Univ. Bouira. Algeria	Using ants to assess the ecotoxicity of an insecticide "lazer" on soils

Debate

TOPIC 03. Biodiversity & Management				
Moderators : Dr MENAA Mohcen & Dr. MELOUAH Khalil				
Link: google meet				
	Time	Participant	Affiliation	Title
1	9h:30-9h:40	RAIS Hichem	Univ. Mila. Algeria	Maxent modelling of the current and future potential habitat distribution of cork oak (<i>Quercus suber</i>) under two climate change scenarios up to the year 2070 in north Algeria
2	9h:40-9h:50	DIDOUH Hadjer	Univ. Chlef, Algeria	<i>Verbena officinalis</i> extract as biocide for managing biocorrosion in oil and gas industry pipelines



3	9h:50-10h:00	KERSANI Imène	Higher School of Biological Sciences of Oran. Algeria	Biodiversity of exopolysaccharide-producing lactic acid bacteria strains
4	10h:00-10h:10	GACEM Rania	Univ. Tebessa. Algeria	Identification des caractéristiques et des biodiversités des espèces végétales dans un climat semi-aride : cas de la forêt de Sidi Yahia dans le nord de Tébessa
5	10h:10-10h:20	CHEMLALI Imen	Univ. Gabes. Tunisia	Comparative eco-physiological responses of <i>Eucalyptus germplasm</i> under different imposed water availability scenarios
6	10h:20-10h:30	DERBAL Dina	Univ. Annaba. Algeria	Biochemical characterization of <i>Salicornia</i> from Les Salines (Annaba)
7	10h:30-10h:40	SALMI Fadhila	Univ. Bejaia. Algeria	Analyse comparative de la diversité et de la répartition des populations de coccinelles dans la région de Tizi Ouzou entre une cédraie protégée et une cédraie dégradée
8	11h:40-11h:50	ABASS Abdul - Haalik	University of Tamale. Ghana	Balancing biodiversity conservation with multiple uses

Debate

TOPIC 03. Biodiversity & Management

Moderators : Prof. ADJLANE Nouredine & Prof. BOUALLEG Chahinez

Link : [google meet](#)

	Time	Participant	Affiliation	Title
1	9h:30-9h:40	BELKACEM Roumaissaa	Univ. Mostaganem. Algeria	Biodiversity of lactic acid bacteria isolated from Algerian artisanal dairy products
2	9h:40-9h:50	SALMI Saliha	Univ. Bejaia. Algeria	Analyse de la diversité des papillons de jours dans la cédraie protégée de parc national du Djurdjura
3	9h:50-10h:00	BEZZALLA Adel	Univ. Batna 2. Algeria	Caractérisation du couvert végétal (inventaire systématique, structure et physiologie) d'une zone humide classée Ramsar des hauts plateaux de l'est algérien (W. Oum El-Bouaghi)
4	10h:00-10h:10	ADJLANE Nouredine	Univ. Boumerdes. Algeria	Changements climatiques et la pollinisation, les résultats du projet PRIMA SafeAgroBee sur l'importance de la pollinisation des pommes en Algérie
5	10h:10-10h:20	BALI Imene	Univ. Annaba. Algeria	Abondance des Crustacés dans les régions de Jijel et El Tarf
6	10h:20-10h:30	BEN KHELIF Saousen	Univ. Souk-Ahras. Algeria	Biodiversity of Earthworms in Souk Ahras (Algeria)
7	10h:30-10h:40	ASSISI Loredana	Univ. Naples "Federico II". Italy	Non-invasive methods to monitoring fish reproduction health threatened by climate change.
8	10h:40-10h:50	BIANCHI Anna Rita	Univ. Naples "Federico II". Italy	Poly (ADP-ribosyl)ation system characterization: a new biomarker of the crustacean copepod <i>Temora stylifera</i> (Dana, 1853-1855) health status
9	10h:50-11h:00	CASTRO David	Univ. Naples "Federico II". Italy	Non-invasive monitoring sampling of fish species in environmental risk assessment

Debate

TOPIC 04. Pollution Control Strategies

Moderators : Dr. GUEZGOUZ Nouredine & Dr. NAPOLETANO Pasquale

Link : [google meet](#)

	Time	Participant	Affiliation	Title
1	9h:30-9h:40	YOUCEF Leila	Univ. Biskra. Algeria	Efficient removal of heavy metals in landfill leachate by adsorption on date palm fibers-derived Biochar
2	9h:40-9h:50	SOUDANI Amina	Univ. Biskra. Algeria	Removal of cadmium in aqueous solutions by adsorption on oak fruit shells based Biochar and activated carbon: A comparative study
3	9h:50-10h:00	KHALED Imane Meriem	Univ. M'sila. Algeria	Synthèse verte et application des nanoparticules ZnO pour le traitement des eaux
4	10h:00-10h:10	KHELFAOUI Fayçal	Higher Normal School of Technological Education. Skikda. Algeria	Spatio-temporal assessment of water quality in the lower oued Saf-Saf plain (Skikda, Northeastern Algeria)
5	10h:10-10h:20	GHITRI Feriel	Univ. Tlemcen. Algeria	Treatment of wastewater contaminated with heavy metals by adsorption on Fe ₃ O ₄ -Bentonite nanocomposite
6	10h:20-10h:30	HAMEL Imene Nesrine	Univ. El Tarf. Algeria	Isolement et Culture des Cyanobactéries : Étape Préliminaire pour le contrôle de la pollution aquatique
7	10h:30-10h:40	BENAYAD Rofida	Univ. Oum El Bouaghi. Algeria	Waste valorization - extraction and partial purification of a microbial-origin cellulase on a paper waste as one and only substrate
8	10h:40-10h:50	DERRADJI Manel	Univ. Annaba. Algeria	Application de la phytoremediation dans le traitement des eaux usées en Algérie

Debate

TOPIC 04. Pollution Control Strategies



Moderators : Dr. MERGHAD Amina & Dr.KHIARI Mohamed				
Link : google meet				
	Time	Participant	Affiliation	Title
1	9h:30-9h:40	CHERGUI Fadoua Nihad	Univ. Biskra. Algeria	Pharmaceutical degradation by fenton oxidation: pH and Hydrogen Peroxide concentration effects
2	9h:40-9h:50	TORCHE Assala	Univ. Ouargla. Algeria	Innovation verte : Emballages alimentaires biodégradables à partir de ressources agricoles
3	9h:50-10h:00	BOUFERCHA Oumeima	Univ. Constantine 1. Algeria	Biodecoloration and detoxification of Congo red by <i>Serratia plymuthica</i> C5 for sustainable environmental cleanup
4	10h:00-10h:10	AZZI Manel	Univ. Monastir. Tunisia	Application of nanotechnology to environmental issues; Photocatalytic degradation of antibiotic resistant by biogenic ZnO nanoparticles under simulated sunlight, kinetic study
5	10h:10-10h:20	GHALI Noureddine	Univ. Saida. Algeria	Elimination d'un colorant acide (AG25) en solution aqueuse par deux bio-adsorbants
6	10h:20-10h:30	Dahel Amina Tania	Univ. El Tarf. Algeria	Investigations into meso and macro-waste pollution: Case of El Kala Coastline (Wilaya of El Tarf) Northeastern Algeria
7	10h:30-10h:40	GACEM Rania	Univ. Tebessa. Algeria	Estimation environnementale de la pollution des sols par les métaux lourds dans les zones semi-arides du nord-est de l'Algérie. Cas de la ville de Morsott, Tébessa
8	10h:40-10h:50	DAOUDI Chahrazed	Univ. Tlemcen. Algeria	Application of photocatalysis for the degradation of chemical pollutants in water using mesoporous materials
9	10h:50-11h:00	YOUCEF Soufiane	Univ. Biskra. Algeria	Efficient use of a local agricultural residu as an activated carbon treated by sodium hydroxyde to remove heavy metals from water

Debate

11h:30-13h:00 Break

POSTER PRESENTATION: ONLINE SESSION

Poster Session - Online (Thème 1 + 2 + 3 + 4)		
13h.00-14h.00	Topic 1: Health and Environment / Room Net 1 Moderators: Dr. KHACHA Nedjette & Dr. BOURAFA Nedjette	Topic 1: Health and Environment / Room Net 2 Moderators: Dr. DRAIAIA Radia & Dr. KETFI Louiza
13h.00-13.05h	PO1-1. HAMAIDI Fatima Zohra (Univ. Mascara) Étude sur l'utilisation d'une plante spontanée dans la région de Souk Ahras contre les nématodes à Galle	PO1-12. KHALDIA Si Tayeb (Univ. Khenchela) Évolutions des isotopes stables de l'oxygène ($\delta^{18}O$) et de l'hydrogène (δD) dans les eaux souterraines et leur aptitude à des fins d'irrigation dans la plaine de F'kirina (Oum El Bouaghi, Algérie) dans le contexte des changements globaux
13h:10-13h:15	PO1-2. AMRI Sandra (Univ. Annaba) Effect of polyhydroxynaphthoquinone pigment extracted from the sea urchin <i>Sphaerechinus granularis</i> on a nosocomial strain <i>Pseudomonas aeruginosa</i>	PO1-13. LABTAR Asma (Univ. Mostaganem) Role of probiotic lactic strains in health and their identification by DNA methods isolated from different raw milks
13h:15-13h:20	PO1-3. BENHALIMA Lamia (Univ. Guelma) Assessing heavy desormone D and quercetin effects on environmental bacteria consortia	PO1-14. BOUDEHANE Esma (Univ. Bejaia) Pigments et polyphénols dans l'huile d'olive : clés de la couleur, de la saveur et de la santé
13h:20-13h:25	PO1-4. BEHAR Ahmed Abbou Abdellah (Univ. Oran) Impact des facteurs environnementaux sur la neuroinflammation et la pathologie amyloïde dans la maladie d'Alzheimer	PO1-15. KILANI Hajer (Univ. Tunis El Manar) Occurrence of enterococci in clinical samples from cats and dogs and their sensitivity to antibiotics: What risk for human health? Populations of <i>Escherichia coli</i> isolated from poultry, cattle and sheep farms in Tunisia: Antibiotic resistance - virulence and genetic heterogeneity
13h:25-10h:30	PO1-5. MEKKI Siham (Univ. Mostaganem) L'effet hépato-protecteur de l'extrait aqueux de <i>Salvia balansae</i> chez le rat wistar rendu obèse	PO1-16. KILANI Hajer (Univ. Tunis El Manar) Populations of <i>Escherichia coli</i> isolated from poultry, cattle and sheep farms in Tunisia: Antibiotic resistance - virulence and genetic heterogeneity
13h:30-13h:35	PO1-6. HASSAÏNE Sara (Univ. Tlemcen) Antioxidant activity of ethanolic extracts of <i>J. oxycedrus</i> and <i>T. articulata</i> from the Tlemcen region	PO1-17. BENHAMIDA Chahinez (Univ. Oran) Asthme sévère et facteurs environnementaux : relation entre le tabagisme et la sévérité de l'asthme
13h:35-13h:40	PO1-7. BARKA Chems El Hoda (Univ. Tlemcen) Valorization of coffee silverskin as an antidiabetic agent	PO1-18. DEGHRAR Aicha (Univ. Oran) Environmental risk factors for adult-onset asthma
13h:40-13h:45	PO1-8. TABOURI Mounira (Univ. Ghelizan) Phytochemical screening and thin layer chromatography for qualitative identification of phenolic compounds in the halophytic plant " <i>Suaeda vera</i> "	PO1-19. SILINI Ilhem (Univ. Annaba) Effets antioxydants d'une molécule nouvellement synthétisée, le n-sulfonyl phthalimide, dans un modèle d'asthme expérimental chez les rats wistar



13h:45-13h:50	PO1-9. FARTAS Fadhila (Univ. Oum Bouaghie) Environmental management of surface water in Algeria's eastern Constantine coastal basin: the use of water quality indicators	PO1-20. AOUIR Fatima (Univ. Laghouat) Characterization and comparison of the composition of volatile contents extracted from different parts of <i>Juniperus phoenicea</i> and their insecticidal activities against <i>Culiseta longiareolata</i> , vector of plasmodium
13h:50-13h:55	PO1-10. TOUALBIA Youssa (Univ. El Oued) Ethno pharmacological survey of medicinal plants used in the traditional treatment of infertility in El Oued region	PO1-21. MOSTEFAOUI Raouya (Univ. Bejaia) Carbapenem and heavy metal resistant bacteria in soil, manure and irrigation water: a serious concern to the public health
13h:55-14h:00	PO1-11. TOUATI Hassen (Univ. Guelma) Développement saisonnier des cyanobactéries et production de microcystine dans un lac d'eau douce peu profond (Nord-est, Algérie)	PO1-22. DAHMANI Chaima (Univ. Annaba) Carbon sequestration approach in wetlands ecosystems: case study in the northeastern of Algeria

Poster Session - Online (Thème 1 + 2 + 3 + 4)

13h.00-13h.40	Topic 2: Ecotoxicology of Animals and Plants Topic 3: Biodiversity & Management / Room Net 3 Moderators: Pr BOUAZIZ Ali & Dr BAROUR Ali	Topic 4: Pollution Control Strategies / Room Net 4 Moderators: Prof. KAOUACHI Nouha & Dr.MENASRIA Amel
13h.00-13.05h	PO2-1. ZERIRI Ibtissem (CRE. Annaba) Impact des nanoparticules sur la faune terrestre : étude écotoxicologique sur les vers de terre	PO4-1. REBAI Hadjer (Univ. Constantine) Biodegradation of glyphosate by actinobacterial isolate : <i>Streptomyces variabilis</i>
13h:10-13h:15	PO3-1. GUERRETTI Valeria (Univ. Naples) Poly (ADP)- Ribosylation System as health status biomarker of Crustacean Copepod <i>Temora stylifera</i> (DANA, 1853-1855)	PO4-2. AMMARI Abdessattar (Univ. El Oued) Reuse waste water from demineralization stations for irrigation
13h:15-13h:20	PO3-2. BOUAFIA Maya (Univ. Constantine) Effet du polymorphisme du gène MDR1 sur le taux plasmatique de la cyclosporine chez les patients greffés rénaux de l'est Algérien	PO4-3. ZEGHBIB Sara (Univ.STHB) Improving the photocatalytic activity of ZnO for the degradation of pharmaceutical pollutant
13h:20-13h:25	PO3-3. BOUCHELAGHEM Sabrina (Univ. Taref) Study of the impact of ammonium sulfate on <i>Triticum durum</i> (desf).	PO4-4. DALI Awatef (Univ. Constantine) Advanced electrochemical sensor for environmental monitoring and pollution control: specific sensor for cadmium detection
13h:25-10h:30	PO3-4. TIGHLIT Sabah (Univ. Bejaia) Biométrie corporelles des espèces de micromammifères collectées dans la région de la Kabylie (Algérie)	PO4-5. MOKRI Hafsa (Univ. Tlemcen) Amélioration de l'adsorption du bleu de méthylène par les MOFs : Nouvelles stratégies et applications pour la purification de l'eau
13h:30-13h:35	PO3-5. KHALFALLAH Miyyada (Univ. Taref) Insects the abundant prey composition of the little grebe	PO4-6. HAFSA Haroun (Univ. Alger Centre) Synergistic photodegradation of toxic organic pollutants with nanoparticles of copper doped oxide under sunlight
13h:35-13h:40	PO3-6. BOUCENNA Hayat (Univ. Skikda) La diversité des éphéméroptères du massif de Collo, Skikda, Nord-est Algérien	PO4-7. LAKHDARI Alia Sara (Univ. Ouargla) Assessment of health risks associated with nitric pollution in aquifers of the continental intercalaire of Adrar region
13h:40-13h:45	PO3-7.FERHATI Habiba (Univ. Annaba) Evaluation of the effect of Fenugreek seeds (<i>Trigonella foenum graecum</i> L) on biochemical parameters and neurobehavioral in male rats.	PO4-8.DAHMANI Mohamed (Univ. Laghouat) Criblage d'enzymes protéolytiques chez des souches thermohalophiles isolées à partir d'un écosystème salin (Sebkhas)
13h:45-13h:50	PO3-8.BELAOUT Amal (Univ.Tlemcen) Biodiversity of coastal ecosystems with juniperus phoenicea subsp turbinata in the tlemcen region (Sidi-safi case study)	PO-4-9.GHODBANE Houria (Univ. SA) Improving the effectiveness of hazelnut shells adsorbent through sonication-assisted adsorption for dye removal in wastewater treatment

14h:30 Closing Ceremony

