



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:00-10:30 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. BOUMENDJEL 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 Boujema	Univ. Souk-Ahras. Algeria	A new thermoalkaliphilic pectate lyase (Pel-20) 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 Sabrine	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 Roumaissa	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 Noureddine	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



7	15h:30-15h:40	MENAA Mohcen	Univ. Souk-Ahras. Algeria	Synecological Approach of Bird assemblage Response to Atlas Cedar Afforestation (<i>Cedrus atlantica</i> (Endl.) G. Manetti ex Carrière) of Mount M'cid, Northeastern Algeria
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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	AMAROUYACHE 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	SEDRATI Fateh	Univ. Souk-Ahras. Algeria	Exploration des relations entre l'exposition à l'Al ₂ O ₃ et les réponses des biomarqueurs chez <i>Stramonita haemastoma</i>
6	15h:20-15h:30	HERAMZA Karima	Univ. El Taref. Algeria	Dynamique spatio-temporelle du genre <i>Melosira</i> dans le Barrage D'ain El Dalia (Souk Ahras)
7	15h:30-15h:40	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 Nadjet (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 extrêmotolérantes
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 <i>Cetoniinae beetles</i> (Insecta: Coleoptera: Scarabaeidae: Cetoniinae) in apple orchard at the Aures region.	P3-11. 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)	P3-12. 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. MOUALKI Naouel (Univ. SA) Effet des paramètres physicochimiques de l'eau sur la richesse de la végétation au barrage d'Oued Charef	P3-13. MOHDEB Rima (Univ. Jijel) Biodiversité ichtyologique de la baie de Jijel, Est-algérien
16.45-16.50	P3-4. AYARI Djamila(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 a arbuscules dans la region de souk-ahras. Extreme-nord-est algerien	P3-14. HAZEM Khaoula (Univ. GUELMA) La Diversité des Hétéroptères Dans le Parc National d'Elkala
16.55-17.00	P3-5.KHEDIR Houda (Univ. SA) Biodiversité des odonates dans les rivières medjerda et cheref : une étude de la qualité des écosystèmes aquatiques	P3-15. AOUDI Abdellah (Univ. SA) Urbanization and wetland biodiversity: assessing land use changes and human perceptions
17.00-17.05	P3-6. CHEMOURI Fatma Zohra (Univ. SA) La végétation de Naama: facteur de réhabilitation cas de rétama raetam (forssk.) Webb.	P3-16. BOUALI Nourredine (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	P.3-7. 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. 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. BOUAGUEL Leila (Univ. SA) Analyse du contenu pollinique atmosphérique de la région de Souk Ahras	P3-18.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	P3-9. DJOUAMAA AbdelKader (Univ. SA) Biodiversity and Ethnobotanical Valuation of the Apiaceae Family in Northeastern Algeria: A Case Study from Souk Ahra Region	P3-19.MERADJI Samah (Univ.SA) Antibiotic resistance in Enterobacteriaceae isolated from diverse animal and environmental niches in 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. BENSALIA 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>



