



1st NSNatRes 2024, University Blida 1, 30 & 31 October.

**Program of the 1st National Symposium Natural Resources Climate Change
& Sustainable Development (1NSNatRes'24).**

Wednesday 30th October 2024 : Conferences - Debates - Communications

8h30 : Welcome and registration for participants

9h00 : Opening ceremony- Honorary Committee

Conference Session

Moderators : M^{rs} MOUMENE S. – M^{rs} MEFTI H.

10h00-10h20 : Conference 1 (topic 1) : Pr Kadi Si Amar. *Sulla Flexuosa (Hedysarum Flexuosum)* : A plant of economic interest to be preserved and promoted. *Univ. Tizi Ouzou*

10h20-10h40 : Conference 2 (topic 1) : Dr Sadji Ait Kaci Hamida. Food security in the face of climate change : tools and alternatives. *USTHB*

10h40 : Coffee break

Poster Communications First session (Topic 1)

11h00-11h20 : Conference 3 (topic 2) : Pr Sadoudi-Ali Ahmed Djamila. Research into alternatives to chemical control of the mediterranean Fruit Fly *Ceratitis Capitata* (Diptera; *Tephritidae*) Wied. 1824. *Univ. Tizi Ouzou*

11h20-11h40 : Conference 4 (topic 2) : Dr Bouaziz-Yahiatene Houria. Diversité et répartition des gastéropodes terrestres en fonction des facteurs écologiques. *Univ. Tizi Ouzou*

11h40-12h00 : Conference 5 (topic 3) : Dr Ayachi Nabila. Nanoencapsulation appliquée aux substances naturelles. *Univ. Blida1*

12h00-12h30 : DEBATE

Poster Communications Second session (Topic 2)

13h00-14h00 : Lunch break

Oral communications First session (Topic 1)

Moderators : M^{rs} CHAOUIA C. - M^r ZOUAOUI A.

14h00-14h10 : Communication 1 : Medjebour Djamel. Effect of Silicon priming on the germination response of seeds of a national genotype (Variety Hidhab HD1220) of soft wheat subjected to salinity. *Univ. Tizi Ouzou*

14h10-14h20 : Communication 2 : Loucif Seiad Linda. Recovery of bioactives molecules from by products: extraction and modeling. *Univ Boumerdes*

14h20-14h30 : Communication 3 : Derguini Assia. Evaluation of antifungal activity of free and encapsulated clove oil in B-cyclodextrin against an Algerian isolate of *Fusarium oxysporum* f. sp *radicis lycopersici* . *Univ. Bejaia*

14h30-14h40 : Communication 4 : Berrighi Nabila. Effects dried figs rich in polyphenols rate on the nutritional and the sensory qualities of the without gluten biscuit. *High School of Agronomy Mostaganem*

14h40 - 14h50 : Communication 5 : Hadjeb Ayoub. The complexity of using an aquaponic system to grow lettuce in arid climates. *Univ. Biskra*



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14h50-15h00 : Communication 5 : Bouchakour Radhia. Les ressources naturelles et la souveraineté alimentaire dans les pays en développement. *Univ. Blida 1*

15h00-15h10 : Communication 6 : Hadjadj Naima. Ensuring food safety: quality control evaluation of four widely used spices in Algeria. *Univ. Blida 1*

15h10-15h20 : Communication 7 : Bencherchali Mohamed. Composition chimique et valeur alimentaire des feuilles de figuier et d'olivier. *Univ. Blida 1*

15h20-15h40 : DEBATE

15h40 : Coffee break

Poster communications Third session (Topic 3)

Oral communications Second session (Topic 2 + Topic 3)

Moderators : M^{rs} ALLAL BENFEKIH L. - M^{rs} GHANAI R.

16h00-16h10 : Communication 1 : Djellal Farid : Common ash leaves (*Fraxinus angustifolia*) as a food source for growing rabbits. *Univ. Ferhat Abbas Setif*

16h10-16h20 : Communication 1 : Medjdoub-Bensaad Ferroudja. Diversité des arthropodes associés à la culture d'amandiers dans la région d'Ait Yahia Moussa (Tizi-Ouzou, Algérie). *Univ. Tizi Ouzou.*

16h20-16h30 : Communication 2 : Bouchetat Fawzia. Evaluation of F5 generation of barley produced by crossing between local and introduced cultivars grown in northern zone of Mila. *Univ. Mila*

16h30-16h40 : Communication 3 : Mahammed Ouali Dinar. Relation biomolécules et potentiel biocide. *Univ. Tizi Ouzou.*

16h40-16h50: Communication 4 : Bourenine Kahina. Diversity of leaf mycoendophytes of *Punica granatum*, Messaad variety (Djelfa, Algeria). *Univ. Tizi Ouzou.*

16h50-17h00: Communication 5 : Boukhalfa Rym. Assessment of the herbicidal potential of Mediterranean Species of thyme for the formulation of nano-herbicides. *Univ. Bari (Italy)*

17h00-17h10: Communication 6 : Zaid Bouchou Lynda. Fecundity of the pine processionary moth, *Thaumetopoea pityocampa* (Denis & Schifferrmüller, 1775) in the case of reforestation in Moudjbara (Djelfa - Algeria). *Univ. Alger 1*

17h10-17h20: Communication 7 : Boukert Razika. Biodiversity of the dromedary and its feeding in the province of Bechar, Algeria. *Univ. Blida 1*

17h10 - 17h30 : DEBATE

Moderators : M^r BENCHERCHALI M. - M^{rs} AYACHI N.

17h40-17h50 : Communication 8 : Ifticene Habani Naima. Climate response of the Atlas Cedar (*Cedrus atlantica* Manetti) in the El Meurdja Arboretum. *Univ. Alger 1*



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17h50-18h00 : Communication 9 : Hadjadj Naima. Exploring the potent biological properties of *Ammoides atlantica*: a natural alternative for sustainable solutions. *Univ. Blida 1*

18h00-18h10 : Communication 10 : Allal Benfekih Leila. Essential oil chemotypes from some medicinal and aromatic plants and their potential for biologically controlling insect infestations. *Univ. Blida 1*

18h10-18h20 : Communication 11 : Loucif Seiad Linda. Extraction of bioactive molecules from by products. Modeling *Univ. Boumerdes*

18h20 - 18h30 : Communication 12 : Amara Nacira. Diversity of the chemical composition of the essential oil of *Mentha pulegium* L. in two different regions of Algeria. *Univ. Blida 1*

18h30 - 18h40 : Communication 13 : Tachoua Wafa; The anticoagulant potential of Argatroban in inhibiting SARS-COV-2 coreceptor: molecular docking, molecular dynamics, simulation and pharmacokinetics analysis. *Univ. Alger 1*

18h40-18h50 : Communication 14 : Belfarhi Leila. Revolutionizing wound healing : effects of a cream formulation based on *Teucrium polium*. *CRAPC Bousmail*

18h50 - 19h10 : DEBATE

19h10-19h30 : First Day Briefing and Recommendations

19h30-20h00 : Presentation of attendance certificates and first day closure.



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**Program of 1st National Symposium Natural Resources Climate Change
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Poster communications First session (Topic 1)

Wednesday 30th October 2024 (10h40)

Poster Evaluators : M^{rs} GHANAI R - M^{rs} BOUBEKEUR S

- **P1 : Tadjine Nacéra** : Assessment of the nutritional and microbial quality of raw milk marketed from the Mitidja region. *Univ. Blida 1*
- **P2 : Sahnoune Nadia Rihab** : Study of the impact of vitamine supplementation on reproductive serum levels of synchronized ewes in off-season. *Univ. M'sila*
- **P3 : Sadi Amina** : Development of new biopolymeric films, application smart food packaging. *Univ. Blida1*
- **P4 : Abdallah Raounek** : Biostimulation effects of new endemic PGPR on tomato (*Solanum lycopersicum L.*) cultivation under biotic and abiotic stress. *Univ. Blida 1*
- **P5 : Mehani Mouna** : Phytotoxic activity of essential oil from leaves of *Eucalyptus camaldulensis*. *Univ. Ghardaia*
- **P6 : Chentir Imene** : Biological depollution of olive mill wastewater: a sustainable approach for environmental management. *ESSAIA*
- **P7 : Benlaribi Rim** : Biocatalytic synthesis of a new auxin herbicide derivative: toxicological evaluation in *Drosophila melanogaster*. *Univ. Annaba*
- **P8 : Tarzaali Dalila** : Antibiotic residue research in raw tank milk by the delvotest Sp nt in the wilaya of Ghardaïa. *Univ. Blida 1*
- **P9 : Bennouar Houcine** : Use of microbial bioresources from the Algerian Sahara in green biotechnology. *Univ. Naama*

Poster communications Second session (Topic 2)

Wednesday 30th October 2024 (12h30)

Poster Evaluators : M^{rs} SABRI K. – M^{rs} BACHIR K. – M^{rs} ZEMMOURI S. - M^r HAMIDI Y.

- **P10 : Cherifi Nadia**: Towards sustainable poultry management. *Univ. Blida 1*
- **P11 : Chougar safia** : Inventaire de l'entomofaune au niveau d'une serre de tomate de variété Dawson dans la région d'Azeffoun (Algérie). *Univ. Tizi Ouzou*
- **P12 : Alikacem Sara** : Evaluation of the antifungal activity of aqueous extracts and silver nanoparticles of *Artemisia herba alba* on the percentage of inhibition of mycelial growth of *Fusarium solani*, *Fusarium equiseti* and *Aspergillus flavus*. *Univ. Medea*
- **P13 : Boukeroui Noumidia** : Environmental adaptation study of three ecotypes of common jujube in Algeria. *Univ. Blida 1*
- **P14 : Benzine Salima** : The endemic, invasive, threatened, and protected flora of a periurban forest in the Algiers region. *Univ. Alger 1*



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- **P15 : Bachi karima** : Biodegradation of black plastic bags by *agaricus bisporus* (j.e.lange) imbach, 1946
Univ. Tizi Ouzou
- **P16 : Hammama Abderazak** : Isolement d'une bactérie phytopathogène de la tomate et étude in vitro de l'effet antagoniste de certaines rhizobactéries contre l'isolat bactérien. *Univ. Boumerdes*
- **P17 : Chentir Imene** : Antifungal potential of olive mill wastewater polyphenols against *Verticillium dahliae*.
ESSAIA
- **P18 : Zemmouri Nedjoua** : Application of a novel treatment to enhance the quality of treated wastewater and is meant for irrigation by combining a chemical agent with a biological extract. *Univ. Blida 1*
- **P19 : Chaouati karima** : Bioactive compounds of *Pistacia lentiscus* (L) as eco-friendly green pesticides: insecticidal effect against *Sitophilus granarius* (L). *Univ. Médéa*
- **P20 : Raselma Fatma Zohra**, : Study of the impact of seed morphological variability on heavy oil yield of yellow safflower (*Carthamus lanatus* L.) from Tiaret (west of Algeria). *Univ. Blida 1*
- **P21 : Semmar Salama** : Biological control of bee enemies: key species in Mitidja beehives. *Univ. Alger*
- **P22 : Tafifet Lamia**: Antifungal activity of endophytic bacteria against *Fusarium* wilt pathogens. *Univ. Blida1*
- **P23 : Bensalah L** : Contribution à l'étude phytochimique de *Ruta Montana* L., et test antimicrobien de l'huile essentielle. *Univ. Blida 1*
- **P24 : Meziane Kaci Zoubida** : Characterization and valorization of waste juice extraction from three varieties of Algerian pomegranates (*Punica granatum* L.) to obtain a natural polyphenolic extract. *Univ. Blida1*
- **P25 : Mecheri Hadjer** : Contribution à l'étude de la biodiversité entomologique des forêts de chêne vert (*Quercus ilex*) dans l'atlas Saharien (Djelfa - Algérie). *CU. Naama*
- **P25 : Chaker-Haddadj Assia** : Comparative efficacy of different salt tolerant rhizobial inoculants in improving growth of faba bean (*Vicia faba* L.) under salt stress. *USTHB*
- **P26 : Sadji-Aitkaci Hamida** : Salinity impact on flavonoids; keys of symbiosis establishment plant-rhizobia
USTHB
- **P27 : Bouchetat Fawzia** : Evaluation of hybrids produced by complete diallele crossing between the autochthon variety SAIDA and the introduced variety SOUFAR. *Univ. Blida 1*
- **P28 : Lehtihet Houda** : Repellent effects of selected organic leaf extracts of *Rosa canina* and *Crateagus oxyacantha* against *Tribolium castaneum*. *Univ Boumerdes*
- **P29 : Djelabakh Madjda** : Prospect on the effectiveness of wild mustard *Sinapis arvensis* L. microemulsions extracts against aphid pests. *Univ. Blida 1*
- **P30: Oukil Salah**: Action du fenthion sur des individus de criquet pèlerin *Shistocerca gregaria* et mise en évidence d'un éventuel rythme circadien de sensibilité à cet insecticide. *INRAA*
- **P31 :Kaidi Narimane** : Interaction entre les ravageurs aphidiens du blé et leur ennemi naturel *Coccinella septempunctata* dans deux zones agro écologiques en Algérie. *INRAA*
- **P32 Berkat-Fadel Amina** : Étude de la potentialité de bio contrôle decertainesespèces de *Bacillus* sp. Contre quelques champignons phytopathogènes. *Univ. Boumerdes*



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Poster communications Third session (Topic 3)

Wednesday 30th October 2024 (15h40)

Poster Evaluators : M^{rs} MOUMENE S – M^{rs} OUARAB S

- **P32 : Ouafi Nassrine** : Formulation et caractérisation d'une crème anti-inflammatoire à base d'huile essentielle de *Lavandula stoechas* L. *USTHB*
- **P33 : Tadjine Nacéra** : Phytochemical analysis and antifungal activities of essential oils, from *Pistachia lentiscus* L. *Univ. Blida 1*
- **P34 : Ayachi Nabila** : Evaluation of some biological activities of cypress essential oils. *Univ. Blida 1*
- **P35 : Ferhat Abderrezak** : Recent advances in microwave extraction techniques of essential oils and phytochemicals. *ENS Kouba*
- **P36 : Mekahlia Soumia**: Shrimp shell waste valorization for durable textile antibacterial finishing. *Univ. Setif*



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Thursday 31th October 2024 : ONLINE COMMUNICATIONS - DEBATES

8h30 : Opening of the online oral session (google meet)

Oral Communications First session (Topic 1)

<https://meet.google.com/nzi-wahx-zis>

Moderators : Mrs AYACHI N. - Mrs ZEMMOURI S. – Mrs SABRI K.

9h00-9h10 : Communication 1 : Idoughi Khouloud. L'effet du séchage solaire sur la qualité biochimique et l'activité antioxydante des fruits de tomate. *Univ. Annaba*

9h10-9h20 : Communication 2 : Boussouf Lilia. Enhancement of yogurt functionality by adding *Mentha rotundifolia* extract during refrigerated storage. *Univ. Jijel*

9h20-9h30 : Communication 3 : Tiah Yasmine. Salt tolerant strain *Planococcus okeanoikoites* promotes the germination of Durum wheat seeds under salt stress. *Univ. Annaba*

9h30-9h40 : Communication 4 : Zouaoui Ahmed. Effet de deux biofertilisants (purin d'ortie et du romarin) sur la stimulation de la croissance de la tomate cultivée sous stress salin. *Univ. Blida 1*

9h50 - 10h05 : DEBATE

Oral Communications First session continued (Topic 3)

<https://meet.google.com/nzi-wahx-zis>

10h05-10h15 : Communication 5 : Ayari Adel. Characterization of an antibacterial compound from *streptomyces* sp. Aa45 associated with the beetle. *Univ. Soukahras*

10h15-10h25 : Communication 6 : Belhadji Amina. Etude in silico pour tester le pouvoir bio-acaricide des huiles essentielles du genre *fortunella* pour lutter contre le *Varroa destructor*. *Univ. Tlemcen*

10h25-10h35 : Communication 7 : Derardja Imene. Molecular insights into anti-inflammatory potential of volatile terpenoids: cyclooxygenase-2 targeting through molecular docking and dynamics simulations studies. *Univ. Biskra*

10h45 - 11h00 : DEBATE

11h00 : Coffee break

Oral communications Second Session (Topic 2)

<https://meet.google.com/rrq-jdaf-dmk>

Moderators : M^{rs} ALLAL BENFEKIH L - M^{rs} DJENNAS K. - M^r OUELMOUHOUB S.

9h00-9h10 : Communication 1 : Benabed Meriem. Enhanced extraction of essential oil from *Ammoides verticillata* by Pressure Cooker Pretreatment – Hydrodistillation. *UST. Oran*

9h10-9h20 : Communication 2 : Bradai Nesrine. Mycelial growth inhibition assay of vlc fractions of *Genista* sp aerial part as potential biopesticides against phytopathogenic fungus *Fusarium oxysporum*. *Univ. Constantine 1*



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9h20-9h30 : Communication 3 : Rais Hichem. Predicting the impact of climate change on the *Quercus ilex* tree in Algeria under the RCP 8.5 -2050 scenario. *CU. Mila*

9h30-9h40 : Communication 4 : Kerriche Nawel. Scenarios analysis of natural gas demand in Algeria and possible impact on exported volumes. *ENSSEA Univ. Boumerdes*

9h40-9h50 : Communication 5 : Mouffok Ahlem. Symbiotic Nitrogen Fixation in Fava Beans in the Constantine Region. *Univ. Batna 1*

9h50-10h00 : Communication 6 : Debbah Youstra. Effect of plant growth-promoting rhizobacteria on yield parameters of *Medicago sativa* L. *Univ. Blida1*

10h00-10h10 : Communication 7 : Daas Nesma Abir. Impact of the essential oil *Laurus nobilis*: Acute toxicity, biochemical characterization, and effects on some environmental stress biomarkers in the larvivorous fish *Gambusia affinis*. *Univ. Annaba*

10h10 - 10h25 : DEBATE

11h00 : Coffee break

Oral communications Third session (topic 2-next)

<https://meet.google.com/efe-wmob-iwn>

Moderators : M^r RAMDANE SA. - M^{rs} TAFIFET L. – M^{rs} BABA AISSA K.

9h00-9h10 : Communication 8 : Guerboub Lynda. Valorization of Olive Pomace: A Sustainable Approach to Bioactive Compound Extraction for Biodiversity Conservation and Environmental Sustainability. *Univ. Bejaia*

9h10-9h20 : Communication 9 : Debaghi Amira. Investigation of the in vitro herbicide potential of potato crop by-products. *Univ. Blida1*

9h20-9h30 : Communication 10 : Djelaila Yassine. Climatic characterisation of the Wilaya of El Bayadh. *Univ. El Bayadh*

9h30-9h40 : Communication 11 : Benghaffor Kheira Hiba. Antifungal and antibacterial potential of yeasts and their use as biopesticides. *Univ. Relizane*

9h40-9h50 : Communication 12 : Bendrihem Khadra Afaf. A comprehensive study on the biological activities of *Salvia balansae*. *Univ. Khenchela*

9h50-10h00 : Communication 13 : Zaabta Insaf. Inventaire des insectes dans la mise en défens de Gueltet Sidi Saad wilaya de Laghouat. *CRSTRA Biskra*

10h00-10h10 : Communication 14 : Chabane Djamila. Phytochemical screening and anatomical traits of *Acca sellowiana* (o. Berg burret) well adapted into mediterranean climate. *USTHB*

10h00-10h10 : Communication 15 : Cherifi Assia. Bioactive effect of Eucalyptus essential oils on the *Varroa destructor* mite parasite of the honey bee *Apis mellifera*. *Univ. Bouira*

10h10 - 10h25 : DEBATE



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11h00 : Coffee Break

**Program of the 1st National Symposium Natural Resources Climate Change
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Thursday 31th October 2024 : POSTER PRESENTATIONS ONLINE - DEBATES

11h00 : Opening of the online poster session (google meet)

Online Poster Presentation First session (Topic 1)

<https://meet.google.com/pkf-ebty-afw>

Moderators : M^r HAMIDI Y.- M^r ABBAD M. - M^r BENCHERCHALI M.

11h30-11h35 : Poster 1 : Bouterfas Karim : Antimicrobial and antioxidant activities of flavonoids extracted from *Marrubium vulgare* L. Leaves. *Univ. Sidi Bel Abbes*

11h35-11h40 : Poster 2 : Younes Ikhlas : Polyphenol and flavonoid determination of *Punica granatum* fruit peel extracts. *Univ. Tlemcen*

11h40-11h45 : Poster 3 : Mekdade Loubna : Analysis of the nutritional composition of greenhouse grown stevia. *CRBT Constantine*

11h45-11h50 : Poster 4 : Djabali Saliha : Physicochemical properties and antioxidant potential of concentrated beetroot juice (*Beta vulgaris* L.). *Univ. Jijel*

11h50-11h55 : Poster 5 : Belagoune Asma Nour El Houda : Fresh azolla: a natural solution to optimize the carcass yield of broiler chickens. *Univ. Constantine 1*

11h55-12h00 : Poster 6 : Balli Nassima : Effect of food dyes on weight and behavioral change in Wistar rat. *Univ. Jijel*

12h00-12h15 : DEBATE

12h15-13h00 : Lunch break

Online Poster Presentation First session continued (Topic 1)

<https://meet.google.com/pkf-ebty-afw>

13h00-13h05 : Poster 7 : Kouadria Sarra : Parasitic Ecology of *Merluccius merluccius* in the Eastern Algerian Coast: Diversity, Distribution, and Food Safety. *Univ. El Tarf*

13h05-13h10 : Poster 8 : Mouffok Assia : Place des phytobiotiques dans l'alimentation des ruminants. *Univ. Blida 1*

13h10-13h15 : Poster 9 : Khennaoui Amina : Molecular characterization of wheat (*Triticum durum* L.) genotypes through SSR markers. *Univ. Constantine 1*

13h15-13h20 : Poster 10 : Bezghoud Nour El Houda Ikram : Towards a fight against pest insects. *Univ. Blida 1*

13h20-13h25 : Poster 11 : Ghebbi Karima : Valorization of agricultural by-products (coffee grounds, olive pomace) in the production of tomato. *Univ. Tizi ouzou*

13h25-13h30 : Poster 12 : Nemoussa Mohamed : Recycling date palm waste into biochar for agricultural applications. *Univ. El Oued*



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13h30-13h40 : Poster 13 : Amairia Razika : Effects of environmental temperature and humidity on milk composition of dairy cows in the northeast regions of Algeria. *Univ. Guelma.*

13h30-13h45 : DEBATE

Online Poster Presentation Second session (Topic 2)

<https://meet.google.com/omt-fnoz-vfq>

Moderators : M^r AMIROUCHE M. - M^{rs} LEMITI S.

11h30-11h35 : Poster 1 : Dekkiche Khouloud : Biodiversity of Hematophagous Brachycera in Cattle in the Sétif Region – Algeria. *ENSV-Alger*

11h35-11h40 : Poster 2 : Boulahbel Bilel : Monoterpenes derived from essential oils represent a promising alternative source to synthetic insecticides. *Univ. Constantine 1*

11h40-11h45 : Poster 3 : Adjou Naima : Coleoptera diversity in the diet of *Cataglyphis viatica* (Formicidae, Hymenoptera) in the Bouira region, Algeria. *ENSA El-Harrach*

11h45-11h50 : Poster 4 : Bezzar-Bendjazia Radia : Effet insecticide de *L'Ocimum basilicum* sur la survie chez un modèle de référence de *Drosophila melanogaster* (Diptera). *Univ. Skikda*

11h50-11h55 : Poster 5 : Tchaker Fatma Zohra : Comparative study of the antifungal activity of aqueous extracts and silver nanoparticles from *Marrubium vulgare* L. and *Atriplex nummularia* Lindl. on the percentage of inhibition of mycelial growth of *Fusarium* spp. and *Aspergillus flavus*. *Univ. Medea*

12h00-12h15 : DEBATE

12h15-13h00 : Lunch break

Online Poster Presentation Second session 1 continued (Topic 2)

<https://meet.google.com/omt-fnoz-vfq>

13h00-13h05 : Poster 6 : Djouahra-Fahem Djamila : Fungicidal effect of alkaloid extracts from *Nerium oleander* and *Hyoscyamus niger*. *Univ. Bouira*

13h05-13h10 : Poster 7 : Elbah Djamila : Insecticidal activity of *Alpinia galanga* extracts (Zingiberaceae) against the fruit fly, *Drosophila melanogaster*. *Univ. Guelma*

13h10-13h15 : Poster 8 : Ali Ahmed Samira : Ornamental plants utilization in the depollution of fuels-contaminated soil. *Univ. Tizi Ouzou*

13h15-13h20 : Poster 9 : Chelali Ahmed : Contribution to the study of floristic biodiversity in the steppe lands of the Ain El Orak region (El Bayadh province). *Univ. Saida*

13h20-13h25 : Poster 10 : Missoum Benziane Somia : Optimizing local genetic resources for sustainable development of sheep farming in Algeria. *ESSB Oran*

13h30-13h45 : DEBATE

Online Poster Presentation Second session 2 continued (Topic 2)

<https://meet.google.com/jbz-orxk-pxv>

Moderators : M^{rs} AOUES K. - M^{rs} HADJADJ N.

11h30-11h35 : Poster 11 : Chaibrassou Naouel : Evaluating the Effects of (R)-Linalool and (R)-Linalyl Acetate on Egg-Laying Capacity in *Drosophila melanogaster*. *Univ. Annaba*



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11h35-11h40 : **Poster 12: Doudou Brahim** Floristic diversity of the Ghardaia region (Case of Daya). *Univ. Ghardaia*:

11h40-11h45 : **Poster 13 : Bensmail Souhila** In vitro biocontrol potential of *Aspergillus* spp. against four soil-borne fungi of wheat. *Univ. Bouira*

11h45-11h50 :

12h00-12h15 : DEBATE

12h15-13h00 : Lunch break

Online Poster Presentation Third session (Topic 2)

<https://meet.google.com/jbz-orxk-pxv>

13h00-13h05 : **Poster 15 : Hadj Benamane Amira** : Diet of Barn owl (*Tyto alba*) determination from regurgitated pellets in southeastern Algeria, coupling the classical approach with the EDNA analysis. *USTHB*

13h05-13h10 : **Poster 16 : Dahoun Meriem** : Impact of environmental stressors on chickpea diseases in Relizane: emphasis on climate change and pathogen proliferation. *Univ. Relizane*

13h10-13h15 : **Poster 17 : Boufercha Oumeima** : Impact of the herbicide oxyfluorfen on the microbial microflora of a Saharan agricultural soil. *Univ. Constantine 1*

13h15-13h20 : **Poster 18 : Boucenna Hayat** : Diversity and conservation of caddisflies of Collo area, Skikda, north-eastern Algeria. *Univ. Guelma*

13h20-13h25 : **Poster 19 : Guettaf Halima** : Biological improvement of Aleppo pine with PGPB: strategies against desertification in the Naâma steppe. *Univ. Saida*

13h30-13h45 : DEBATE

Online Poster Presentation Fourth session (Topic 2)

<https://meet.google.com/jwi-matt-oon>

Moderators : M^{rs} AMMAD F. - M^{rs} MOUMEN S.

11h30-11h35 : **Poster 20 : Brahimi Naima** : Evaluation of the bioaccumulation of heavy metals in the different organs metals in the different organs of *Arthocnemum glaucum*. *Univ. Tlemcen*

11h35-11h40 : **Poster 21 : Khater Nadia** : Effect of salt stress (NACL) on germination seed parameters of *Moringa oleifera* Lam

11h40-11h45 : **Poster 22 : Adda Messaouda** : Characterization and study of essential oils of a few wild plants in the Tiaret area. *Univ. Tiaret*

11h45-11h50 : **Poster 23 : Medjdoub Abir** : Analysis of biochemical diversity using SDS-PAGE in various eggplant genotypes "*Solanum melongena*". *Univ. Constantine 1*

12h00-12h15 : DEBATE

12h15-13h00 : Lunch break

Online Poster Presentation Fourth session continued (Topic 2)



1 st NSNatRes 2024, University Blida 1, 30 & 31 October.

<https://meet.google.com/jwi-matt-oon>

13h00-13h05 : Poster 24 : Belhamra Youcef Islam : *Dittrichia viscosa* (L.) Greuter 1973, from Algerian arid region, antioxidant evaluation and biopesticide use on useful entomofauna. *Univ. Blida 1*

13h05-13h10 : Poster 25 : Khadir Chaimaa : Impact of forest litter from Saïda species: chemical adaptations and ecosystem resilience. *Univ. Saïda*

13h10-13h15 : Poster 26 : Rouabah El Khamssa : Application of the endophytic fungus *Chaetomium globosum*, by using culture filtrate, as a biopesticide against *Aphis pomi*. *Univ. Batna 1*

13h15-13h20 : Poster 27 : Mouffok Sara : Sheep biodiversity management in Algeria: analysis of genetic polymorphisms of prolificacy. *ESSB Oran*

13h20-13h25 : Poster 28 : Bekhaoua Abir : Phenolic and flavonoid contents of organic extracts and their antihyperglycemic capacity as evaluated by inhibition of α – amylase from two different sources (human salivary and *Aspergillus oryzae*). *Univ. Laghouat*

13h25-13h30 : Poster 29 : Retima Lynda : Caractérisation, évaluation de la qualité de la datte et identification de trois cultivars rares de palmier dattier (*Phoenix dactylifera* L.) de la région des Zibans (sudest Algérien) . *ITDAS Biskra*

13h30-13h45 : DEBATE

Online Poster Presentation Fifth session (Topic 3)

<https://meet.google.com/vhv-wjrp-jvs>

Moderators : M^{rs} MOUAS Y. - M^{rs} TADJINE N.

11h30-11h35 : Poster 30 : Hebbali Houcine : Effet des extraits de parche de café sur le statut oxydant-antioxydant dans les tissus adipeux. *Univ. Tlemcen*

11h35-11h40 : Poster 31 : Attou Soumia : Evaluation of anti-arthritic activity of ointment based on flavonoids and tannins of aristolochia longa plant. *Univ. Mascara*

11h40-11h45 : Poster 32 : Kessi Nora: Plant-derived essential oils: chemical composition and antimicrobial activity. *Univ. Blida 1*

11h45-11h50 : Poster 33 : Benalia Halima : Phytochemical screening of three medicinal plants from southern Algeria, used in the prevention of renal lithiasis. *Univ. Laghouat*

11h50-11h55 : Poster 34 : Mkhelfi Ikram : Repositioning FDA-approved drugs for cardiovascular diseases through molecular docking: targeting the notch pathway for sustainable health solutions. *Univ. Tlemcen*

11h55-12h00 : Poster 35 : Talia Hamida : Exploitation of biological extracts of *Juglans regia* L. for treatment of oral candidiasis. *Univ. Bechar.*

12h00-12h05 : Poster 36 : Benyacoub Assia : Harnessing Prickly Pear Oil: A Comprehensive Approach to Skincare Formulation and Efficacy. *Univ. Blida 1*

12h05-12h10: Benalia Halima : Chemical composition, physicochemical properties and antioxidant activity of essential oils from Laurel leaves (*Laurus nobilis* L.). *Univ. Laghouat*

12h05-12h15: DEBATE

12h15-13h00 : Lunch break

13h00-13h30 : Review of the second day - recommendations and closing of the symposium