**Program ICWECC 2024, November 20-21, 2024 Blida 1 University**

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| **08h.00-09h30** | | | **Registration and Welcoming attendees** | | | |
| **Opening Ceremony**  **ROOM 1 (Auditorium)** | | | | | | |
| **Welcome Word**  **09h30-10h20** | | | **Pr. Bensacia Nabila: President of Organization Committee.** | | | |
| **Pr. Issaadi Rachid : President of the Scientific Committee.** | | | |
| **Pr. Kettab Ahmed: Honorary Vice President.** | | | |
| **Pr. Boutemak Khalida: President of the Conference.** | | | |
| **Rector of Blida1 University Pr. Bezzina Mohamed.** | | | |
| **1st Plenary Session**  **ROOM 1 : Moderators : Pr. AOUABED Ali, Pr. HADJ ZIANE Amel, Pr. REMINI Boualem** | | | | | | |
| **10h30-10h50** | | | **Plenary conference 1 by Pr**. **Kettab Ahmed (Algeria) “Ressources en eaux et changements climatiques : Réalités, stratégies, Solutions et perspectives”** | | | |
| **10h50-11h05** | | | **Questions and Discussions** | | | |
| **11h10-11h30** | | | **Coffee break *1st Poster Session*** | | | |
| **11h35-11h55** | | | **Plenary conference 2 by Pr. Bouras Omar (Algeria) “Argiles modifiées : Élaboration, Mise en forme et Décontamination des Eaux"** | | | |
| **12h00- 12h20** | | | **Plenary conference 3 by Dr. Rahmouni Ibrahim (Germany) "Landfill Gas Recovery from Waste in Algeria"** | | | |
| **12h20-13h05** | | | **Questions and Discussions** | | | |
| **13h10-14h20** | | | **Lunch Break** | | | |
| **14h25-14h50** | | | ***2nd Poster Session*** | | | |
| **Session 1 Oral : Topic 1 Water Treatment**  **ROOM 1 : Moderators : Pr. HADJ SADOK Abdelkader, Pr. LARIBI Hassiba** | | | | | | |
| 14h50-15h05 | Pr. Mohammed HADJEL | | **Traitement et la valorisation des rejets des eaux usées et boues des STEP de l’industrie en Oranie - Algérie.** | USTO  Oran | | Oral |
| 15h05-15h20 | Khaoula BOULANEB | | **Recovery of sugar waste for the elimination of a coloring**  ***Co-authors:***Bensaadi-Ouznadji Zohra, Yeddou-Mezenner Nacera, Atmani Fatiha, Kais Hiba, Hamadi Amel  boulanebkhaoula5@gmail.com | USTHB  University | | Oral |
| 15h20-15h35 | Dr. Nabila  DJADI | | **Removal of Methyl Orange from Wastewater Using Composite Material**  ***Co-authors:***Abdelhak Maghchiche  [nabila.djadi@univ-batna.dz](mailto:nabila.djadi@univ-batna.dz) | Batna 1  University | | Oral |
| 15h35-15h50 | Phd Student  Nor E lhouda MADI | | Integrated the hybrid process including Electrocoagulation and Adsorption to the Baraki refinery wastewater treatment plant for Removal of various pollutants in secondary effluent  ***Co-authors:***Chabani Malika, Bouafia-Chergui Souad  nmadi@usthb.dz | USTHB University*,* | | Oral |
| 15h50-16h05 | Dr.Houda  DERIAS | | **Impact de l'irradiation UVA-LED sur la dégradation des eaux polluées par des HAP par des procédés photochimiques d'oxydation avancées à base de réactif de Fenton**  ***Co-authors:*** B.Salah, H.Boutoumi  [nessrineacer@hotmail.com](mailto:nessrineacer@hotmail.com) | ENSH  Kouba | | Oral |
| 16h05-16h20 | Dr. Fatiha BENTAHAR | | **Pollution des eaux souterraines de la nappe du Barrémien par les nitrates dans les régions de Bordj Snouci et El Assafia (Nord-est de la ville de LAGHOUAT), Impact sur l’environnement.**  ***Co-authors:*** Allal Farida, Benabdelkader Djamel  [f.bentahr@lagh-univ-dz](mailto:f.bentahr@lagh-univ-dz) | Laghouat  University | | Oral |
| **16h20-16h45** | **Questions and Discussions** | | | | | |
| **Session 1 Oral Topic 2 : Waste Treatment and Topic 3 Environment and Sustainable Development**  **ROOM 2 Moderators : Pr. HANNACHI Ahmed, Pr. CHEMAT Zoubida** | | | | | | |
| 14h50-15h05 | Karima  BOURENANE | | **Valorization of lignocellulosic waste into bio-additive to gasoline**  ***Co-authors:*** Boutaleb Imane, Drada Khawla, Hamraoui Dounia  *[bourima2003@yahoo.fr](mailto:bourima2003@yahoo.fr)* | USTHB University | | Oral |
| 15h05-15h20 | Farida  BOURAS | | **Gestion durable des ressources en eau au service de la sécurité alimentaire**  farida.bouras@usthb.edu.dz | USTHB University | | Oral |
| 15h20-15h35 | Imen  DHAOUADI | | **L’impératif d’une gestion innovante des projets sur l’eau au Centre de Recherches et Technologies des Eaux**  ***Co-authors :***Hanen Akrout, Hamadi Kallali, Hamza Elfil, Latifa Bousselmi, Fethi Lachaal, Samia Khadhar, Makram Anan, Hakim Gabtni.  [imen.dhaouadi@yahoo.fr](mailto:imen.dhaouadi@yahoo.fr) | Tunisia | | Oral |
| 15h35-15h50 | Phd Student  Nour-djihane  MAZOUZI | | **Comparative Study Of ZnO MgO &Tio2 Nanoparticles On Hydroxy Propyl Methyl Cellulose Films Proprieties**  ***Co-authors:***K. Boutemak, A. Haddad  mazouzi.nourdjihane@gmail.com | Blida 1 University | | Oral |
| 15h50-16h05 | Loubna  BENATALLAH | | **Development of Sustainable Concrete Using Combined Solid Waste Materials** ***Co-authors:***Mohamed Guendouz, Djamila Boukhelkhal  [benatallah.loubna@univ-medea.d](mailto:benatallah.loubna@univ-medea.d)*z* | Medea, University Algeria | | Oral |
| 16h05-16h20 | Dr.Nabil  KHERBACHE | | **Impact de la surexploitation des ressources en eau sur la durabilité des zones humides : ‎cas des marais de la Macta en Algérie**  [nabil.kherbache@univ-bejaia.dz](mailto:nabil.kherbache@univ-bejaia.dz) | Bejaia  University | | Oral |
| **16h20-16h45** | **Questions and Discussions** | | | | | |
| **Session 1 Topic 1: Water Treatment/ Topic 4: Climate Change : Effect on water resources and the Environment/ Topic 5 : Analysis, Quantification and Monitoring of Emerging Pharmaceutical Pollutants and Micropollutants in Water**  **ROOM 3 Moderators : Pr .BOUCHENAFA Naïma, Pr. ZERMANE Faïza** | | | | | | |
| 14h50-15h05 | Dr. Boudjema ABDELLAH KHAMMANI | | **Audit sur la qualité des eaux continentales**  khammari@club-internet.fr | Paris VI  France | | Oral |
| 15h05-15h20 | Anissa  AMARA KORBA | | **Comment le changement climatique influence la transmission hydrique de la leptospirose : maladie zoonotique et environnementale ?**  amarakorba2006@yahoo.fr | Institut Pasteur d’Algérie | | Oral |
| 15h20-15h35 | Ali  HADDAD | | **Extreme Floods Forecasting Using A Combined Hydrologichydraulic Model For Protecting The Boukerdane Dam Against Overtopping**  haddad.ali.hydr@gmail.com | Blida 1 University | | Oral |
| 15h35-15h50 | Dr. Nabila BOURAIOU EUCHI | | **Élimination d’un Polluant Émergent par Extraction Liquide-Liquide**  ***Co-authors:*** A. Boukrid  bourayou.nabila@gmail.com | Blida 1  University | | Oral |
| 15h50-16h05 | Dr.Mohamed AROUA | | **De la détermination des valeurs de références à l’évaluation de l'impact écotoxicologique des ETM dans les sédiments de la côte centrale algérienne**  ***Co-authors:***Mostefa Boulahdıd, Moustafa Benhalıma  [mohamed.aroua@enssmal.edu.dz](mailto:mohamed.aroua@enssmal.edu.dz) | ENSSMAL  Algiers | | Oral |
| 16h05-16h20 | Anas  BELMILOUD | | **Integrating Renewable Energy into Seawater Desalination Operations: Strategies and Opportunities from the TAMDA SWRO Plant– Algeria**  ***Co-authors:***M’Hamed BELMILOUD, Mohamed Ameur Brahimi, Asma Mahioufe  [belmiloudanas@gmail.com](mailto:belmiloudanas@gmail.com) | Agence Nationale de Dessalement d'Eau | | Oral |
| **16h20-16h45** | **Questions and Discussions** | | | | | |
| **Session 1 Oral, Topic 1: Water Treatment and Topic 6: Artificial Intelligence in the Service for the Environment**  **ROOM 4 Moderators: Pr. BOUTOUMI Hocine, Pr. NACEUR Mohamed Wahib** | | | | | | |
| 14h50-15h05 | Pr. Smail MEGATLI | | **La problématique de l’eau en agroalimentaire et moyens de traitements des effluents**  ***Co-authors:***Sahi W ; Ben Achour S  megatlismail@yahoo.fr | Blida 1 University | | Oral |
| 15h05-15h20 | Dr. Rim  RIAHI | | **Synthèse d’un bio adsorbant pour l’élimination des substances émergentes pharmaceutiques**  ***Co-authors:*** Hajer Chemingui, W. Ben Salem, N. Benssacia, A. Kettab, A. Hannachi | ISET  Tunisia | | Oral |
| 15h20-15h35 | Mme Zineb  YAHIA | | **Performance analysis of new material solar cell by SCAPS 33 simulation and first principles calculation**..  zinebyahia66@gmail.com | USTHB Algiers | | Oral |
| 15h35-15h50 | Dr. Hadjer CHEMINGUI | | **Removal of paracetamol from aqueous solution using Zinc Oxide Nanoparticles: Optimization Box-Behnken design**  ***Co-authors:*** Wassim Ben Salem, Hassen Dbouba, Nabila Bensacia, Rim Riahi | ISET  Tunisia | | Oral |
| 15h50-16h05 | Oussama BENHIZIA | | **Study Of The Natural Convection Of Non-Newtonian Power-Law Fluid Between An Outer Cylinder And Inner Flat Tube.**  ***Co-authors:***Moundire Soualah  [benhizia\_oussama@yahoo.fr](mailto:benhizia_oussama@yahoo.fr) | Kasdi Merbah University Ouargla | | Oral |
| 16h05-16h20 | Dr.Salima  DADOU | | **Fixed-bed adsorption of Pharmaceuticals onto Clay Minerals: Column dynamics and mathematical modeling**  ***Co-authors:***Tarek Berrama; Zekkaoui Chemseddine  [Salima.dadou@yahoo.fr](mailto:Salima.dadou@yahoo.fr) | Blida 1  University | | Oral |
| **16h20-16h45** | **Questions and Discussions** | | | | | |
| **Thursday 21/11/2024**  **2nd day of the conference** | | | | | | |
| **08h00-09h15** | **Welcome Participants** | | | | | |
| **2nd Plenary Session**  **ROOM 1 Moderators : Pr. KETTAB Ahmed, Pr. ISSAADI Rachid, Pr. LOUINICI Hakim** | | | | | | |
| **09h30-09h50** | **Plenary conference 4 by Pr. Hannachi Tunisia “ Prospects for desalination brines valorization”** | | | | | |
| **09h55-10h15** | **Plenary conference 5 by Pr. Aouabed Algeria “Utilisation de matériau à base d’argiles expansées dans la filtration des eaux”** | | | | | |
| **10h20-10h40** | Plenary conference 6 By Pr. Badis Algeria « Microbial Biosurfactants with environmental interest | | | | | |
| **10h40-11h10** | **Questions and Discussions** | | | | | |
| **11h10-11h30** | **Coffee break  *3rd Poster Session*** | | | | | |
| **Session 2 Oral : Topic 1 : Water Treatment**  **ROOM 1 : Moderators : Pr. BOURAS Omar, Dr. RIAHI Rim** | | | | | | |
| 11h30-11h45 | Pr. Mohammed HADJEL | **Analyse, quantification et suivi des micropolluants pesticides émergents dans les eaux de l’Oranie en Algérie.**  Mohammed.hadjel@univ-usto.dz | | USTO Oran | | Oral |
| 11h45-12h00 | Phd student Nour elhouda BRICHI | **Effect of adsorbent mass, contact time, and initial dye concentration on toluidine blue removal control, kinetic and isotherm modeling**  ***Co-authors:***Batana Fatima Zohra, Djedid Mebrouk,  n.brichi@lagh-univ.dz | | Laghouat University, | | Oral |
| 12h00-12h15 | Dr. Soraya SANSRI | **Etude de la qualité physico-chimique des eaux souterraines dans les zones rurales de la région de Guelma**  ***Co-authors:*** *Chehidi Meryem Malak, Ferkoussi Romaissa* | | Guelma University | | Oral |
| 12h15-12h30 | Zohra CHEMACHE | **Preparation and characterization of Fe-Al lamellar double hydroxide**  ***Co-authors:***Taous Belaid, Said Bey , Mohamed Benamor  *[Zohra.chemache@univ-bejaia.dz](mailto:Zohra.chemache@univ-bejaia.dz)* | | | Bejaia  University | Oral |
| 12h30-12h45 | Nessrine MECHRAOUI | **Study of the Adsorption Characteristics of Various Aqueous Substances Using a Local Adsorbent**  ***Co-authors:*** Benalia Mokhtar, Boudaoud Asma  [n.mechraoui.gpr@lagh-univ.dz](mailto:n.mechraoui.gpr@lagh-univ.dz) | | | Laghouat University | Oral |
| 12h45-13h00 | Phd Student  Sabrina  ZIAD | **Adsorption Of Herbicide Iron Chelate EDDHA 6% On Activated Carbon Derived from pomegranate peels**  ***Co-authors:*** Saadia Guergazi  [Sabrina.ziad@univ-biskta.dz](mailto:Sabrina.ziad@univ-biskta.dz) | | | Biskra University | Oral |
| **13h00-13h20** | **Questions and Discussions** | | | | | |
| **13h30-14h30** | **Lunch break** | | | | | |
| **14h30- 14h50** | ***4th Poster Session*** | | | | | |
| **Session 2 Oral : Topic 1 : Water Treatment**  **ROOM 2 : Moderators : Pr .KHELIFA Abdellah, Pr. BADIS Abdelmalek,** | | | | | | |
| 11h30-11h45 | Pr. Abdelmalek DROUICHE | | **Geochemical controlling mechanisms and groundwater quality of the Terminal Complex aquifer in Biskra region, northeastern Algeria.**  ***Co-authors:*** Azzeddine Reghais, Faouzi Zahi And Taha-Hocine Debieche  drouichemalek@univ-jijel.dz | Jijel University | | Oral |
| 11h45-12h00 | Kamilia  MADI | | **Facile Synthesis and Characterization of Polyaniline/(Fe-Cu) Co-Doped CeO2 Hybrid Nanocomposite for Enhanced Visible Light Photocatalytic Degradation of Methylene Blue**  ***Co-authors:*** Benkouachi Oumnia Rayane, TAHRAOUI Hichem, CHEBLI Derradji,  *[kamilia.madi](mailto:kamilia.madi@univ-setif.dz)*[@univ-setif.dz](mailto:kamilia.madi@univ-setif.dz) | Setif University | | Oral |
| 12h00-12h15 | Nada Rihab BENHADJ AMAR | | Identification of floating plastic debris along the central Algerian coast using Sentinel-2 imagery  ***Co-authors:***Mehdia Asma Keraghel  [nada-rihab.benhadj-amar@enssmal.edu.dz](mailto:nada-rihab.benhadj-amar@enssmal.edu.dz) | ENSSMALAlgiers | | Oral |
| 12h15-12h30 | Phd Student Hanane  ABDELMOUMENE | | **Study of liquid waste depollution performance in a textile production unit using activated sludge process: a case study of sebdou-Tlemcen WWTP in western Algeria.**  ***Co-authors***: Maamar Boumediene , Faiza Lallam  *hanane.abdelmoumene@univ-tlemcen.dz.* | Tlemcen University | | Oral |
| 12h30-12h45 | Dr. Laid  BOUCHAALA | | **The importance of wastewater treatment plants in Algeria and their geographical distribution**  ***Co-authors:****Afri a naib , Gherib a. Andcharchar n.*  mlbouchaala@gmail.com | Annaba, Center (CRE), Algeria | | Oral |
| 12h45- 13h00 | Dr. Houda  DOUBA | | **Biocomposite-Based Zeolite Hydrogel Adsorbent for Efficient Removal of Toxic dye from Aqueous Solution**  ***Co-authors:*** Ourida Mohammedi, Mourad Bidaoui, Meriem Fizir, Smain Sabour, Lakhdar Benatallah  h.douba@univ-dbkm.dz | Khemis Milliana university | | Oral |
| **13h00-13h20** | **Questions and Discussions** | | | | | |
| **13h30-14h30** | **Lunch break** | | | | | |
| **14h30- 14h50** | ***4th Poster Session*** | | | | | |
| **15h00-16h30** | **Certificates Distribution**  **Closing Ceremony of the Conference** | | | | | |