**Program of Poster Session: ICWECC 2024 November 20-21, 2024 Blida 1 University**

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| **1st Session of Poster Wednesday 20/11/2024 11h10 -11h30** |
| 01 | Dr. Mohamed TAIBI | **Geosynthesis based on illite-montmorillonite clay application in adsorption of ibuprofen** ***Co-authors:***Elaziouti Abdelkader, Dernan Elhadj | taibi.mohamed@univ-tissemsilt.dz | Tissemsilt University | Poster |
| 02 | Dr. Walid REZIG |  **Assessment of the quality of purified wastewater using water quality indices the el kerma treatment plant's performance*****Co-authors:****Rayan Belkacem*  | walidrzg@gmail.com | USTO Oran | Poster |
| 03 | Dr. Meriem DEHBI |  **Elimination de bleu méthylène par adsorption sur des algues vertes « *Ulothrix* »** ***Co-authors:***Dehbi F, Diliou A. | m.dehbi@univ-djelfa.dz | DjelfaUniversity | Poster |
| 04 | Phd Student Nour Elhouda BENNACER | *Electrochemical synthesis of ferrate (VI) as a potential oxidant in heavy metal removal* ***Co-authors:***M.W.Naceur, H.Hamitouche | bennacer.noorelhouda@gmail.com | Blida 1 University | Poster |
| 05 | Dr. Karima MOUSSAOUI | **La Degradation Photocatalytique D’un Colorant Par Le Photocatalyseur Cds/ Co Sous Irradiation Proche Uv-Visible*****Co-authors:***H. Boutoumi; o. Benkortbi; h. Khalaf  | moussaoui.karima@yahoo.com | Blida 1 University | Poster |
| 06 | Phd Student Habiba FERDJOUNI | **Synthesis And Characterization Of Mcm-41 For Methyl Blue Adsorption*****Co-authors:*** Benamar Cheknane, Naima Bouchenafa-Saib | ferdjounihabiba@gmail.com | Blida 1 University | Poster |
| 07 | Dr.HoriyaBOUKHATEM | **Investigation of malachite green removal from aqueous solutions using alginate/montmorillonite biocomposite materials** **Co-authors:** Rezala Houria, Djouadi Lila, Saidani Amira, Douba Amel | boukhatem\_houria@yahoo.fr | Khemis-Miliana University | Poster |
| 08 |  Dr.Malika CHENNA | **Performance Of A Physicochemical Coagulation/ Flocculation Process For The Pretreatment Of Polluted Water Containing Cibacron Blue Dye*****Co-authors:***Nadia Lardjane, Nadjib Drouiche, Hakim Lounici | malika.chenna@univ-msila.dz | M’sila University Algeria | Poster |
| 09 | Phd Student CHOUAIB SIOUDA | **Azolla for wastewater treatment*****Co-authors:*** Mahmoudi N | siouda\_chouaib@univ-blida.dz | Blida 1 University | Poster |
| 10 | Dr. Issma LABIB  | Treatment of the colored wastewaters *Co-authors:* Khalaf Hussein, H.Boutoumi | *labibissma@yahoo.fr* | Blida1University, | Poster |
| 11 | Phd Student Yousra BOUHOUFANI | **Degradation D’un Colorant Par Electro-Coagulation** ***Co-authors:***Nabila Bensacia , Hakim Lounici , Kettab Ahmed  | y.bouhoufani@univ-bouira.dz | Bouira University | Poster |
| 12 | Dr.Adel IKELEF | **Study of the effectiveness of coagulants and flocculants for removing oil from oily water (RHOURDE-NOUSS)*****Co-authors:*** L. Nadji, D. Aissani, F. Chebli,  | adel\_chim@hotmail.fr | Blida 1University | Poster |
| 13 | Dr.Nabila DJADI | **Preparation of Activated Carbon from Waste Date Seeds for water treatment*****Co-authors:***Abdelhak Maghchiche | nabila.djadi@univ-batna.dz  | Batna 1 University | Poster |
| 14 | Dr.Naima BELOUADAH | **Determination of natural radioactivity in drinking water*****Co-authors:*** T.Azli ,I.Hadjoudj ,R Mahammedi and S Benbouzid  | b\_belouadah@yahoo.fr | USTHB | Poster |
| 15 | Phd Student Asma BENAISSA  | Valorisation électrochimique du glycérol dans un milieu alcalin***Co-authors:*** Issaadi Rachid, Gabouze Noureddine | benaissa.esmaa@gmail.com | Blida 1 University | Poster |
| 16 | Phd Student Manal ALHOUSSEIN | **Synthèse, caractérisation des nanocomposites utilisés comme photocatalyseurs pour la dégradation du Rhodamine 6g** ***Co-authors:***Hocine Boutoumi, Hussein Khalaf  | manalalhoussein5@gmail.com | Blida 1University | Poster |
| 17 | Dr .Asma SAKRI  | **Energy recovery from waste tires at the ECDE cement plant in Chlef*****Co-authors:*** Abdallah Nassour, Mehdi Benyagoub , Nadhir Bouhedir | asmaa.sakri09@gmail.com | Blida 1University | Poster |
| **2nd session of poster Wednesday 20/11/2024 14h25 -14h50** |
| 01 | Dr. Nadjet TAOUALIT | **Brackish Water Softening Using Moringa Oleifera Seeds : Parametric Study** ***Co-authors:*** K. Boutemak, R. Benllala, A. Meziane | ntaoualit@gmail.com | Blida1 University | Poster |
| 02 | Phd Student Sid Ahmed BENNOUI | **Catalyseur AgNPs/HDL pour l'accélération de l'élimination du bleu de méthylène dans l'eau*****Co-authors:****Chemat Zoubida* | bennoui\_sidahmed@univ-blida.dz | Blida 1University | Poster |
| 03 | Phd Student BasmaBAHRIA | **Synthèse** **et caractérisation des nanomatériaux hybrides polyaniline /argile modifiée*****Co-authors:***Chaknane Benomar,Keffous Aissa ,F. Zermane  | 1993besma@gmail.com | Blida 1University | Poster |
| 04 | Phd Student Amina Amel CHAHIH | **Analyzing the Mechanisms of Cooperative Coadsorption for Complex Organo-Inorganic Contaminants on Hydrous Ferric Oxides: An RSR Model Approach*****Co-authors:*** F. Zermane, Benamar Cheknane, Aissa Keffous  | chahih.amel@gmail.com | Blida 1University | Poster |
| 05 | Phd Student Kahina LAZELA | **Application of anionic surfactants for Protecting Water Treatment Systems*****Co-authors:*** Abdellah Khelifa, Omar Bouledroua | lazela1996kahina@gmail.com | Blida 1 University | Poster |
| 06 | Phd student Fadoua . KERROUCHE | **Removal of Methyl Orange dye using photo Electro Fenton technique: influence of parameters*****Co-authors:***S. Aoudj, A. Khelifa, N. Drouiche | kerrouchefadoua@gmail.com | Blida 1University | Poster |
| 07 | Pr. Faroudja MOHELLEBI | **Valorisation d'un biodéchet comme biosorbant de colorants cationiques en solution aqueuse.*****Co-authors:***Saliha Haddoum Yakoub, Laidani et SidAli Doulache | ferroudja.iddir@g.enp.edu.dz | ENP Algiers | Poster |
| 08 | Dr. Nawel GOUSMI  | **Application of BOX-Benkhen model in cutting oil emulsions treatment.*****Co-authors:*** Nawel Elhanafi  |  gousmin03@gmail.com | Centre CRTI *Algiers* | Poster |
| 09 | Dr. Chahira Dounia Amal TIGRINE  | **Impact des changements climatiques sur la variation du niveau piezometrique de la nappe alluviale d’oued el hachem. Tipaza.*****Co-authors:***Douzi Asman Djidert Nawel | tigrinechahira391@gmail.com | USTHB Algiers. | Poster |
| 10 | Dr.Houria REZALA | **Removal of Malachite Green dye from aqueous media by adsorption using Algerian and commercial bentonites,** ***Co-authors:***Horiya Boukhatem , Rofaida Berbara , Khadidja Ould-Ammar  | h.rezala@univ-dbkm.dz | Khemis-Miliana University | Poster |
| 11 | Loubna BENATALLAHe | **Utilizing Waste Glass as Aggregate in Eco-Friendly Flowable Sand Concrete for Sustainable Development*****Co-authors:*** Mohamed Guendouz , Djamila Boukhelkhal | benatallah.loubna@univ-medea.d*z* | Medea, University Algeria | Poster |
| 12 | Dr. Bahia BAAZIZ  | **Equilibrium and Kinetic Studies of Magnetic Physically Activated Carbon from Residues Olive*****Co-authors:***Noursara, Derouich Madani, Lounici Hakim | bahia.baaziz@univ-setif.dz | Setif University | Poster |
| 13 | Mme Rachida CHEBLAOUI | **Élimination du paracétamol par électrocoagulation bipolaire : Application au traitement d'un rejet pharmaceutique de SAIDAL*****Co-authors:*** Faroudja Mohellebi, Nabil Mameri | cheblaouirachida@gmail.com | ENP Algiers | Poster |
| 14 | Pr. Faroudja MOHELLEBI | **Adsorption d'un polluant pharmaceutique sur bentonite modifiée et photo catalyse** ***Co-authors:***Fairouz Kies , Amina Hadid et Karima Gahfif | ferroudja.iddir@g.enp.edu.dz | ENP Algiers | Poster |
| 15 | Phd Student Mouna BOUTAIBA | **Polluants émergents : Evaluation et solutions pour le traitement des eaux.*****Co-authors:***Boutemak khalida | mounaboutaiba@yahoo.fr | Blida1 University | Poster |
| 16 | Dr. Rokia YOUCEF | **The use of bio-coagulants and flocculants in the pretreatment desalination process: The Box-Behnken design and response surface methodology (RSM)*****Co-authors***: Farah SERAY, Nassila SABBA, Mourad TALEB Ahmed | rokia.youcef@usthb.edu.dz | USTHBUniversity | Poster |
| 17 | Pr. Mostafia BOUGHALEM-KASMI | **Analyse de la qualité des effluents liquides hospitaliers : Étude de cas à l'Hôpital "Dr BENZERDJEB-Ain Témouchent"*****Co-authors:*** Arabi Mourad, Ouzal Farida, Boukarouba Khadidja, | boughalem\_2000@yahoo.fr | Ain Temouchent university | Posrter |
| 18 | Dr. Souad Boumad | Malachite green removal under simulated solar light using TiO2 supported on luffa-activated carbon***Co-authors:*** L. Cano-Casanova , M.C. Román-Martínez N. Bouchenafa-Saib , M.A. Lillo-Ródenas. | boumad\_souad@univ-blida.dz | Blida1 University | Poster |
| **3rd  Poster Session Thursday 21/11/2024 11h10-11h30** |
| 01 | Dr Ibtissem. BOUSNOUBRA | **Decoloration Et Mineralisation D’un Polluant Organique (Le Vert De Malachite) Par Differents Procedes Photochimiques En Phase Homogene** ***Co-authors:*** Sihem Aliouche | bousnoubraibtissem@gmail.com | Constantine University | Poster |
| 02 | Phd Student Mohammed CHERGUI | **Groundwater quality assessment in the municipality of Reggan, willaya Adrar, Algeria*****Co-authors:*** Bendida Ali, Mekkaoui Abderrahman | chergui.mohammed@univ-bechar.dz | Bechar University | Poster |
| 03 | Dr.Nassima BALLI | **Monitoring of human exposure to micropollutants (lead and cadmium) in drinking water: a case from Jijel area, Algeria.*****Co-authors:***Lilia Boussouf, Hanane ,Boutenoun, Essaid Leghouchi | nassima.belli@univ-jijel.dz | Jijel University | Poster |
| 04 | Phd Student Hanane ABDELMOUMENE | **Applying the multi-criteria decision-making approach for estimation of the degree of malfunction of a wastewater treatment): case treatment plant of the textile industry WWTP of Sebdou(NORTH WEST- ALGERIA).*****Co-authors:****Maamar Boumediene , Faiza Lallam*  | hanane.abdelmoumene@univ-*tlemcen.dz.* | Tlemcen University | Poster |
| 05 | Dr.Widad BENLEMMANE | **Traitement des eaux contenant du bleu de méthylène par adsorption sur charbon actif*****Co-authors:***Benlemmane Samira, Naceur Mohamed Wahib | benlemmanewidad5@gmail.com | Blida 1 University  | Poster |
| 06 | Phd Student Oussama BENTRIDI | **Effect of Impregnation Time on the Activation of Carbon Using Phosphoric Acid: A Comparative Study*****Co-authors:*** Naima Bouchenafa-Saib, Benamar Cheknane | bentridioussama@gmail.com | Blida 1 University  | Poster |
| 07 | Phd Student Meriem KHELIF | Adsorption of heavy metal ion from aqueous solution onto synthesized MCM-41***Co-authors:***Naima Bouchenafa-Saib | khelifmeriem.gp@gmail.com | Blida 1 University  | Poster |
| 08 | Phd Student Randa SELLAM | **Performance de régénération de l’adsorbant argileux inorganique pour l'élimination de l'ion cadmium*****Co-authors:*** Zermane Faiza , Benamar Chaknane, Mahmoudi Souhila | sellam\_randa@univ-blida.dz | Blida 1University  | Poster |
| 09 | Phd Student Yasmine KACIMI | **Solar Energy Integration in Multi-Stage Flash Distillation: A Parameter Study*****Co-authors;***Cheknane benamer, Hamid Abdelkader  | kacimiyasmine97@gmail.com | Blida1University  | Poster |
| 10 | Dr.Leila CHAABANE | **Preparation and characterization of a new porous composite hydrogel based on poly(vinyl alcohol)/alginate/CTAB-nanocellulose. Application in the sorption of methylene blue and congo red*****Co-authors:***Omar Bouras | chabane.leila.08@gmail.com | Blida1University  | Poster |
| 11 | Pr. Mostafia BOUGHALEM-KASMI | **The reuse of treated wastewater in green spaces in Ain Temouchent*****Co-authors:***Toure Abdoulkadri, Arabi Mourad, Ouzal Farida, Boukarouba Khadidja, | boughalem\_2000@yahoo.fr | Ain Temouchent university  | Poster |
| 12 | Dr.Samia OUKIL | **Adsorption of a Basic Dye in Aqueous Solution on a Biosorbent Based on the Fruit "Ceratonia siliqua L."** | oukil\_samia@univ-blida.*dz* | Blida 1University  | Poster |
| 13 | WassimBEN SALEM | **Synthèse verte de l'oxyde de zinc à partir d'un extrait de feuilles de Ceratonia siliqua et optimisation de l'élimination du paracétamol par la méthode de planification Box-Behnken*****Co-authors:***Hajer Chemingui, Rim Riahi, Nabila Bensacia, Ahmed Hannachi |  | ISET Tunisia | Poster |
| 14 | Dr. Lamia NADJI | **Study of the biodegradation and release of PA from an implantable biomaterial** ***Co-authors:***N. Ayachi, A.Ykrelef, N.Tlidjani  | lamia\_nadji89@hotmail.fr | Blida 1 University | Poster |
| 15 | Phd Student Faouzi LASMI | **Electrochemical method for the synthesis of silver nanoparticles: Antioxidant and Antibacterial Activity.*****Co-authors:***Hassiba. Laribi, Houria. Hamitouche, Sid Ahmed Bennoui, Nadjib Chafai | Lasmi.faouzi@etu.univ-blida.dz | Blida 1 University | Poster |
| 16 | Phd Student Elias BOULAHBEL | **Etude de l’application d’un biomatériau d’origine aquatique (Chitosane) pour l’élimination d’un polluant (Nitrate) présent dans l’eau.*****Co-authors:*** H.Laribi, H.Youcef, N.Rafa. | elias\_boulhabel@univ-blda.dz | Blida1 University | Poster |
| 17 | Dr.Amira ASNAM | **Etude de Coagulation-Floculation par des extraits naturels : Caractérisation et mécanisme.*****Co-authors***:  Ali Aouabed ; Omar Bouras |  amira0913@live.fr | Blida1 University | Poster |
| **4th  Poster Session Thursday 21/11/2024 14h30-14h50** |
| 01 | Phd Student Nabil Ait BEN HAMMOU | Extraction and characterisation of amorphous silica from biomass ash by alkaline dissolution ***Co-authors:***Bouchenafa-Saib Naima, Cheboute Redouane | aitbenhamounabil@yahoo.fr | Blida 1 University | Poster |
| 02 | Phd Student  zohra BOUCHEKHOU | **Valorization and Treatment of Citrus Waste (Citrus Valencia) by Essential Oil Extraction*****Co-authors:***Djamila BOUDJIT, Djamel ELHADI |  bchzahra98@gmail.com | Blida 1 University | Poster |
| 03 | Dr. Selma SALHI | **Preliminary assessment of Heavy metal pollution in sediment of the El Mellah River, Northern Algeria.*****Co-authors:*** Mohammed Khalil Mellal | selma.salhi@univ-batna2.dz | Batna 2 University | Poster |
| 04 | Dr.Mohammed Khalil MELLAL | **Heavy Metal bioaccumulation patterns in two endemic fish species of the El Mellah River, Northern Algeria.*****Co-authors:***Selma Salhi | selma.salhi@univ-batna2.dz | Bejaia Center | Poster |
| 05 | Dr.Meriem MAHMOUDI | Elaboration And Photocatalytic Properties Of Cu2o Coated Silicon Nanowire Arrays Under Visible Light Irradiation ***Co-authors:***Omar Bouras, Toufik Hadjersi | meriemmahmoudi4@gmail.com | Blida1University | Poster |
| 06 | Phd Student Nour djihaneMAZOUZI | **Elaboration and characterization of biopolymer composites films based on Hydroxypropyle methylcellulose HPMC reinforced with pectin*****Co-authors****:* K.Boutemak, A. Haddad | mazouzi.nourdjihane@gmail.com | Blida 1 University | Poster |
| 07 | Dr.YousraABDELBAKI | **Simulation of water treatment methods using Nano-filtration and Reverse osmosis: A case study of drinking water in Niger*****Co-authors:*** Mohamed El Moundher Hadji, Maman Assako Adama. | abdelbakiyousra.uniblida@gmail.com | Blida 1 University | Poster |
| 08 | Phd Student Oum HanBENORIF  | **Extraction and Formulation of an Antifungal Ointment Based on Green Anise Essential Oil (*Pimpinella anisum L.*) Using Green Chemistry Principles*****Co-authors:*** K. Hachama, A.Khadraoui, K. Ezzeroug | Hania.benarif18@gmail.com | Blida 1University | Poster |
| 09 | Phd Student Abdelkader OUIKHLEF  | **Impact de la variabilité climatique sur la fluctuation spatiotemporelle de la nappe alluviale. Cas du bassin versant d'Oued Fekan (Mascara, nord-ouest algérien)*****Co-authors:*** Otmane Abdelkader, Gacemi Amine, Gherissi Radia | ouikhlefabdelkader20@gmail.com | Maghnia Center Tlemcen | Poster |
| 10 | Phd student Asma DRIDI | **Dégradation photocatalytique hétérogène de l’acide salicylique par des nanoparticules ZnO synthétisée par méthode sol gel** ***Co-authors***: Nabila Bensacia  | dridiasma.envi@gmail.com | Blida1University | Poster |
| 11 | Phd Student Anis AMTSIF | **The ecotoxicological impacts and environmental management strategies for metformin contamination in aquatic systems*****Co-authors:*** Zermane Faiza, Cheknane Benamar | anisamtsif@gmail.com | Blida 1University | Poster |
| 12 | Phd Student Amel DJORI | **Analyse Quantitative D’un Effluent Phytosanitaire** | djoriamel@yahoo.fr.  | Blida 1 University | Poster |
| 13 | Phd Student Meriem BOUCHENAK | **Photocatalyst degradation of Sodium Diclofenac from an aqueous solution by a metal oxide synthesized using rosemary extract.*****Co-authors:*** Khalida Boutemak, Ahmed Haddad, Belgassim Boutra | bouchenakmeriem@yahoo.com  | Blida 1 University | Poster |
| 14 | Phd Student Wissem BENAMIROUCHE  | **Etude de biosorption d’un polluant émergent pharmaceutique sur des supports à base d’une plante médicinale.*****Co-authors:*** Bensacia N, Riahi R  | benamirouche.ouissem@etu.univ-blida.dz  | Blida 1 University | Poster |
| 15 | Dr.Issam REHAMNIA | **Prédiction journalière de la charge de sédiments en suspension à l’aide des techniques d'intelligence artificiels: Etude comparative** | issam.rehaminia@univ-annaba.dz | Annaba University | Poster |
| 16 | Dr. Abdellah IBRIR | **Numerical modeling using Artificial Neural Networks for predicting multicomponent adsorption system, Case Study: Modernizing Wastewater Treatment for Sustainable Development*****Co-authors:***Ameri Billal, Chennouf Zohra , Laidi Maamar  | ibrir.abdellah@yahoo.com | Blida 1University | Poster |
| 17 | Pr. Mostafia BOUGHALEM-KASMI | **Gestion des eaux pluviales et développement durable dans la région de Ain Temouchent*****Co-authors:***Arabi Mourad, Toure Abdoulkadri, Boukarouba Khadidja | boughalem\_2000@yahoo.fr | Ain Temouchent university | Poster |
| 18 | Dr. Zohra CHENNOUF-ABDELLATIF | **Elimination of parachlorophenol by adsorption on agricultural activated carbon (Dates pits)*****Co-authors:***M. Taleb, M. Tiss, N. Bouchenafa-Saib |  zohra\_abdellatif@yahoo.fr | Blida 1University | Poster |