**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](mailto:m.dehbi@univ-djelfa.dz) | Djelfa  University | | 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](mailto:labibissma@yahoo.fr)* | Blida1  University, | | 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 1  University | | 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](mailto: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 1  University | | 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 1  University | | 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 1  University | | Poster |
| 03 | Phd Student  Basma  BAHRIA | **Synthèse** **et caractérisation des nanomatériaux hybrides polyaniline /argile modifiée**  ***Co-authors:***Chaknane Benomar,Keffous Aissa ,F. Zermane | | 1993besma@gmail.com | | Blida 1  University | | 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 1  University | | 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 1  University | | 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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto:rokia.youcef@usthb.edu.dz) | | USTHB  University | | 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](mailto: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](mailto: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](mailto:sellam_randa@univ-blida.dz) | | Blida 1  University | | 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 | | Blida1  University | | 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](mailto:chabane.leila.08@gmail.com) | | Blida1  University | | 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.](mailto:oukil_samia@univ-blida.)*dz* | | Blida 1  University | | Poster |
| 13 | Wassim  BEN 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](mailto: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](mailto: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 | | | Blida1  University | Poster |
| 06 | Phd Student  Nour djihane  MAZOUZI | | **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.Yousra  ABDELBAKI | | **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 Han  BENORIF | | **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 1  University | 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](mailto: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 | | | Blida1  University | 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 1  University | 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](mailto: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](mailto: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 1  University | 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](mailto:zohra_abdellatif@yahoo.fr) | | | Blida 1  University | Poster |