

POSTERS	S6- WATER AND WASTE TREATMENT
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S601-P	<p>IN-SITU ELECTRO GENERATED H₂O₂ AND ITS USAGE FOR DECOLOURIZATION OF REACTIVE DYES WITH H₂O₂/UV PROCESS</p> <p>T. Jerič¹, R. Bisselink², A. Majcen Le Marechal¹ ¹<i>University of Maribor, Maribor, Slovenia</i> ²<i>TNO, Apeldoorn, Netherlands</i></p>
S602-P	<p>ISOLATION AND CHARACTERISATION OF POTENTIALLY PATHOGENIC ANTIBIOTIC-RESISTANT BACTERIAL STRAINS FROM SEWAGE SLUDGE SAMPLES IN HUNGARY</p> <p>B. Libisch, N. Uzinger, B. Biró, A. Anton <i>Research Institute for Soil Science and Agricultural Chemistry of the Hungarian Academy of Sciences, Budapest, Hungary</i></p>
S603-P	<p>COMPETITIVE ADSORPTION OF Pb²⁺, Cu²⁺, Zn²⁺ AND Ni²⁺ IONS FROM AQUEOUS SYSTEM ONTO ACTIVATED ALGERIAN BENTONITE CLAY: APPLICATION IN WASTEWATER TREATMENT</p> <p>F. Mohammed-Azizi, S. Dib, M. Boufatit <i>Faculté de Chimie – U.S.T.H.B., Alger, Algeria</i></p>
S604-P	<p>EFFECT OF TEMPERATURE AND USE OF DIFFERENT COAGULANTS ON PARTICLES FORMATION IN WATER TREATMENT</p> <p>J. Leskovjanová¹, P. Dolejš^{1,2} ¹<i>Brno University of Technology, Brno, Czech Republic</i> ²<i>W&ET Team, České Budějovice, Czech Republic</i></p>
S605-P	<p>REMOVAL OF PBDE AND ALKYLPHENOLS IN A TRICKLING FILTER WASTEWATER TREATMENT PLANT DURING DRY AND WET WEATHER PERIODS</p> <p>S. Gilbert¹, J. Gasperi¹, V. Rocher², C. Lorgeoux¹, G. Chebbo¹ ¹<i>Paris-Est University, Marne-la-Vallée, France</i> ²<i>SIAAP, Colombes, France</i></p>
S606-P	<p>TREATMENT OF WASTE WATER USING ALKYLPHENOLS</p> <p>H. Khaled <i>University of Boumerdes, Boumerdes, Algeria</i></p>
S607-P	<p>SOLAR PHOTOCHEMICAL PRETREATMENT FOR SULPHUROUS GROUND WATER PURIFICATION PROCESS</p> <p>T. Rendón, F. Hernández, J. Castillo <i>Benemérita Universidad Autónoma de Puebla, Puebla, Mexico</i></p>
S608-P	<p>THE EFFECTS OF SEWAGE SLUDGE ON THE PLANT NUTRIENTS AND HEAVY METAL CONTENTS OF PEACH (<i>Prunus persica vulgaris</i> Mill.) PLANT</p> <p>M. Kubilay Önal <i>Akdeniz University, Antalya, Turkey</i></p>
S609-P	<p>PURIFICATION OF ZINC PLATING WASTEWATER USING ALKALINE RESIDUE OF ELECTRIC ARC FURNACE DUST</p> <p>L. Elez¹, V. Oreščanin², I. Lovrenčić Mikelić³, T. Sofilić⁴, N. Mikulić⁵ ¹<i>Ministry of Culture, Zagreb, Croatia</i> ²<i>Advanced Energy Ltd., Zagreb, Croatia</i> ³<i>Institute Ruđer Bošković, Zagreb, Croatia</i> ⁴<i>Sisak Tube Mill Ltd., Sisak, Croatia</i> ⁵<i>Ministry for Environmental Protection and Physical Planning and Construction, Zagreb, Croatia</i></p>
S610-P	<p>EFFECT OF REACTION TIME AND ACIDS IN CHEMICAL LEACHING OF</p>

	<p>HEAVY METALS IN SEWAGE SLUDGE</p> <p>L.N. Ukiwe, C.I. Iwu <i>Federal University of Technology, Owerri, Nigeria</i></p>
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S613-P	<p>BIOLOGICAL AND CHEMICAL OXYGEN DEMAND OF LEACHATE AND PIEZOMETRIC WATER FROM SEMI CONTROLLED, NON SANITARY LANDFILL IN NOVI SAD, SERBIA</p> <p>A. Dvornic, M. Djogo, M. Vojinovic Miloradov, G. Vujic <i>University of Novi Sad, Novi Sad, Serbia</i></p>
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S619-P	<p>KINETIC AND THERMODYNAMIC STUDY OF THE ADSORPTION OF CATIONIC AND ANIONIC DYES ONTO ACTIVATED CARBONS</p> <p>U.I. Velasco, A.B. Cascón, V. Hernandez Bayó, J.I.Á. Uriarte <i>University of The Basque Country, Bilbao, Spain</i></p>
S620-P	<p>COMBINED TREATMENT OF LANDFILL LEACHATE USING CALCIUM OXIDE, FERRIC CHLORIDE AND CLINOPTILOLITE</p> <p>V. Oreščanin¹, D. Ruk², I. Lovrenčić Mikelić³, R. Kollar¹, K. Nađ¹, N. Mikulić⁴ ¹<i>Advanced Energy Ltd., Zagreb, Croatia</i> ²<i>Komunalac, Koprivnica, Croatia</i> ³<i>Institute Ruđer Bošković, Zagreb, Croatia</i> ⁴<i>Ministry for Environmental Protection and Physical Planning and Construction, Zagreb, Croatia</i></p>
S621-P	<p>SPECIFIC FEATURES OF CHEMICAL DEGRADATION OF PHARMACEUTICALS IN THE PRESENCE OF SURFACTANTS</p>

	M. Nemchenko, O. Lebedeva <i>Belgorod State University, Belgorod, Russia</i>
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S626-P	OPERATIONAL PARAMETERS EFFECT ON THE TREATMENT OF OIL-IN-WATER EMULSION BY ELECTROCOAGULATION PROCESS G. Nawel, B. Kenza <i>Université des Sciences et de la Technologie H. Boumediene, El Alia, Algeria</i>
S627-P	WATER QUALITY MODELLING OF MINHO/MIÑO RIVER (PORTUGAL/SPAIN) S. Santos ^{1,2} , P. Alves ¹ , V. Vilar ¹ , R. Boaventura ¹ , C. Botelho ¹ ¹ <i>Universidade do Porto, Porto, Portugal</i> ² <i>Instituto Politécnico de Leiria, Leiria, Portugal</i>
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	<p>A. Vlachou¹, A. Psarra¹, K. Bourikas², B. Symeopoulos¹ ¹<i>University of Patras, Patras, Greece</i> ²<i>Hellenic Open University, Patras, Greece</i></p>
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S640-P	<p>BORON REMOVAL FROM AQUEOUS SOLUTIONS BY CALCIUM ALGINATE GEL BEADS AND AMBERLITE IRA-743</p> <p>H. Demey¹, M. Ruiz¹, J. Barrón¹, A.M. Sastre¹, E. Guibal² ¹<i>Universitat Politècnica de Catalunya, Barcelona, Spain</i> ²<i>École des Mines d'Alès, Alès, France</i></p>
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