

**THE 2nd MAGHREB CONFERENCE ON DESALINATION AND WATER TREATMENT
CMTDE 2009**

Saturday 19 December 2009	
16:00	Registration
20:00	<i>Dinner</i>
Sunday 20 December 2009	
	<u>Room "Forum"</u>
8:00-9:00	Registration
9:00-9:30	Opening Ceremony
	<ul style="list-style-type: none"> • Prof. Béchir Hamrouni, Tunisian Desalination Association President. • Prof. Lazhar Bououni, Minister of High Education, Scientific Research and Technology. • Prof. Miriam Balaban, General Secretary of Europran Desalination Society, Editor of the Journal Desalination and Water Treatment.
09:30-10:30	Conference 1 : Seawater desalination : state of the art on conventional technologies (Part 1) : Prof. Andrea Cipollina.
10:30-11 :00	<i>Coffee break</i>
11:00-12:30	Conference 2 : Seawater desalination : state of the art on conventional technologies (Part 2) : Prof. Giorgio Micale.

12:30-14:00

Lunch

	<u>Room "Forum"</u>	<u>Room "Utique"</u>	<u>Room "Salambo"</u>
	RO /NF	ED/IEX/EDI	Chemical/Electrochemical / Biochemical treatments
14:00-14:20	CMTDE_51 : H. Elfil, M. Hila, A. Hannachi, A. Yeza, A Well Water Reverse Osmosis Desalination Unit Diagnosis	CMTDE_36 : A. Lakehal, K. E. Bouhidel, Optimization of the electrodeionization (EDI) process: comparison of different resin bed configurations.	CMTDE_150 : Y. Samet, L. Agengui, R. Abdelhedi, Electrochemical process for the treatment of water contaminated with organophosphorus pesticides.
14:20-14:40	CMTDE_63 : F. Hajbi, H. Hammi, A. M'nif, Valorization by isothermal evaporation of reverse osmosis discharge: experimental studies and thermodynamic modeling.	CMTDE_167 : F. Guesmi, Ch. Hannachi, B. Hamrouni, Effect of temperature on ion exchange equilibrium between AMX membrane and binary system of Cl ⁻ ,NO ₃ ⁻ and SO ₄ ²⁻ ions.	CMTDE_128 : S. Trabelsi Souissi, N. Oturan, N. Bellakhal, M. A. Oturan, Application of the photo-fenton process to the mineralization of phthalic anhydride in aqueous medium.
14:40-15:00	CMTDE_47 : H. Bouzid, M. Rabiller-Baudry, F. Rousseau, Z. Derriche, N. Bettahar, Limiting and critical fluxes in reverse osmosis of modified skim milks.	CMTDE_53 : M. Elleuch, M. Ben Amor, Ph. Sistat, G. Pourcelly, Tunisian brackish water desalination by Electrodialyse : Opposing scaling and process optimization.	CMTDE_149 : M. Jaouadi, N. Amdouni, M. Chaouchi, Control of the residual aluminum in drinking water by optimization of the coagulation process.
15:00-15:20	CMTDE_133 : F. Fendri M. Tatyana, M. Zakhar, Economical and ecological optimization of reverse osmosis seawater desalination for power producing industry.	CMTDE_140 : S. Zermane, A. H. Meniai, Elimination of co- cations from H ₃ PO ₄ .	CMTDE_165 : Abouswa, O. Eragei, E. Elmasrati, Corrosion and Fouling of Carbon Steel Heat Exchanger Tubes.
15:20-15:40	CMTDE_8 : N. Agoudjil, Benmouhoub, A. Larbot, Inorganic Porous Membrane. Synthesis and Characterization.	CMTDE_28 : A. Boubakri, S. Bouguecha, L. Gzara, M. Dahbi, Effect of applied voltage and initial concentration to desalting NaCl solution using electrodialysis.	CMTDE_117 : H. karoui, M. M. Tlili, M. Ben Amor, O. Gil, Prediction of scaling limit in saline water
15:40-16:00	CMTDE_161 : S. Xia, Y. Xie, B. Xu, B. Dong, N. Gao Ametryn removal with nanofiltration membranes.	CMTDE_31 : K.E. Bouhidel, The electrodialysis membrane fouling , Scaling and poisoning A review and a general approach.	CMTDE_19 : S. Bekhtia, M. Belkacem, Fouling effect on membrane deterioration in reverse osmosis process.

16:00-16:30

Coffee break

	RO /NF	ED/IEX/EDI	UF/PEUF
16:30-16:50	CMTDE_52 : Z. Hillali, A. Hamed, E. Ferjani, H. Elfil , Diagnosis of small capacity reverse osmosis desalination unit for domestic water.	CMTDE_30 : K.E. Bouhidel, K. Oulmi , S. Benslimane , The chemical investigating methods of concentration polarization in electro dialysis.	CMTDE_119 : D. Jellouli Ennigrou, M. Dhahbi Retention of Cadmium and Zinc from aqueous solutions by Poly (acrylic Acid) Assisted-Ultrafiltration.
16:50-17:10	CMTDE_146 : R. Hadj Lajimi, D. Tabassi, L. Gzara, M. Dhahbi , Surface modification of Nanofiltration and Ultrafiltration commercial membranes by adsorption of polyelectrolyte multilayers: Surface characterization and desalination performances.	CMTDE_99 : I. Ben Salah , M. Tlili, M. Ben Amor , Study of the calcium carbonate scaling in the desalination units by electro dialyse: natural inhibition by magnesium ion.	CMTDE_78 : H. Ouni, M. Dhahbi , Comparison of polyacrylic acid and polyethylenimine in crystal violet removal from wastewaters by Polyelectrolyte Enhanced Ultrafiltration (PEUF).
17:10-17:30	CMTDE_16 : S. Aoun, B. Van Der Bruggen, Ke. Bouhidel , Production of drinking water by micro, ultra and nanofiltration from water of the barrage Ain-Zada, Setif, Algeria.	CMTDE_27 : A. El Borgi , On brackish water desalination economics and alternative renewable energies in MENA countries	CMTDE_94 : N. Zaghbani, A. Hafiane, M. Dhahbi , Removal of crystal violet from wastewater using micellar Enhanced ultrafiltration.
17:30-17:50	CMTDE_166 : I. Bejaoui, A. Mnif, B. Hamrouni , Fluoride removal from water by nanofiltration.		
17:50-18:50	Poster session 1		
	Posters scheduled for Session 1 must be displayed before 14H. Authors are required to remain near their posters during the session for any discussion.		
20:00	Dinner		

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Monday 21 December 2009			
<u>Room "Forum"</u>			
9:00-9:45	Conference 3 : Solar Desalination : State of the art and perspectives : Prof. J.P. Corriou and S. Ben Jabrallah		
9:45-10:30	Conference 4 : Innovation and improvement of the membrane technology by Hydranautics : J. Kady		
Coffee break			
	<u>Room "Forum"</u>	<u>Room "Utique"</u>	<u>Room "Salambo"</u>
	Desalination /Energy	Waste water treatment/ membrane process	Adsorption/sorption
11:00-11:20	CMTDE_2 : N. Bessas , H. Aburideh, A. Deliou B. Abbad, A. Lounis, Experimental study of sea water desalination: Solar distiller with greenhouse effect.	CMTDE_54 : E. Ellouze, S. Souissi, A. Jrad, R. Ben Amar, A. Ben Salah, Performances of nanofiltration (NF) and reverse osmosis (RO) in textile industry waste water treatment.	CMTDE_6 : Y. Azoudj, Z. Merzougui , F. Addoun, Adsorption of organic and inorganic pollutants on activated carbons from dates stones.
11:20-11:40	CMTDE_113 : Y. Smaili, K. Mohammedi, Improving Seawater Desalination Plants	CMTDE_122 : A. Aouni, B. Cuartas-Uribe, A. Bes-Pía, M. I. Alcaina-Mirandab, C. Fersi, M. Dhahbi, Treatment of textile effluents by membrane technologies.	CMTDE_17 : S. Arris, M. Bencheikh Lehocine, A. H. Meniai, Study and identification of retention process of phenol by adsorption on agricultural byproducts.
11:40-12:00	CMTDE_46 : A. Bouziane, K. Mohammedi, A. Sadi, I. Belaidi, F. Djelloul, Simulation under an Equation Oriented Environment of a small scale hybrid Energy Production /Desalination System Powered by Renewable Energy.	CMTDE_108 : B. Trifi, N. Bellakhal, Decoloration of an azo dye Red Methyl by gas-liquid gliding arc discharge plasma of humid air.	CMTDE_14 : S. Amokrane, A. Krobba, H. Mekatel, D. Nibou, Adsorption of copper (II) onto molecular sieves NaY.
Lunch			
12:30-14:00			

	<u>Room "Forum"</u>	<u>Room "Utique"</u>	<u>Room "Salambo"</u>
	Desalination /Energy	Valorization of natural clay	Adsorption/sorption
14:00-14:20	CMTDE_60 : L. Palacin, C. de Prada, F. Tadeo , Operation of Desalination Plants Using Hybrid Control.	CMTDE_15 : M. Aoudia, M. Al-Shaaili, M. Al-Moqbali , Surfactant-Modified Native Soils in the Treatment of Oilfield (Nimr) Produced Water in Oman.	CMTDE_29 : S. Bekkouche, M. Bouhelassa, Ch. Petrier, S. Baup , Competitive adsorption of Phenol and heavy metal ions on titanium dioxide (DEGUSSA P25) Condrexon.
14:20-14:40	CMTDE_71 : K. Mohammedi, A. Sadi, T. Cheradi, I. Belaidi, A. Bouziane , OPEN-GAIN Project: Simulation and Analysis of an Autonomous RO Desalination and Energy Production Systems Integrating Renewable Energies.	CMTDE_55 : S. Eturki, F. Ayari, Ha. Kallali, N. Jedidi, H. Ben Dhia. , Ammonia removal from an aqueous solution by the use of a natural clay.	CMTDE_136 : I. Marzouk, B. Hamrouni , Removal of chromium from aqueous solutions by adsorption on activated alumina.
14:40-15:00	CMTDE_155 : A. Belloumi, H. Marmouch, A. Ghuizani, S. Ben Nasrallah , Study of a solar desalination unit using humidification and condensation process.	CMTDE_57 : I. Feddal, S. Taleb, Z. Bengharez, E. Gaigneaux , The study of oxidation by H ₂ O ₂ of a polluted water by dye (mb), by ads.	CMTDE_73 : S. Moussous, A. Selatnia, A. Merati, G. A. Junter , Biosorption of Cd ²⁺ ions by a residuum of fungous biomass (pleurotus mutilus).
15:00-15:20	CMTDE_163 : M. A. Ben Farh, V. Brucato, A. Cipollina, G. Micale , Membrane Distillation for a solar powered desalination pilot unit.	CMTDE_89 : Y. Touil, S. Taha, R. Issaadi, A. Amrane , Biological filtration on sand of dunes – Characterization of the sand.	CMTDE_85 : A. Selatnia, A. Gherbia, B. Nadjemi, A. Chergui , Biosorption of Ni ²⁺ ions by a solid waste containing pleurotus mutilus biomass on a fixed-bed column.
15:20-15:40	CMTDE_124 : A. Zrelli, B. Chaouchi, S. Gabsi , Simulation of vacuum membrane distillation coupled with solar energy.	CMTDE_138 : F. Mohammed-Azizi, A. Khouider, M. Boufatit , Treated clay as adsorbent for the removal of Zn ²⁺ ions from the aqueous system.	CMTDE_88 : H. Tizi, T. Berrama, F. Kaouah, Dj. Hamane, Z. Bendjama , Comparative study of the kinetics of the aromatic amines adsorption on coals prepared with apricot cores.
15:40-16:10	Coffee break		

	Desalination /Energy	Waste water treatment/ membrane process	Supported Liquid Membrane
16:10-16:30	CMTDE_164 : A. Cipollina, G. Micale, L. Rizzuti , Membrane Distillation efficiency increase by enhanced heat transfer.	CMTDE_90 : K. Walha, R. Ben Amar, P. Bourseau, P. Jaouen , Treatment of tuna cooking juices by nanofiltration	CMTDE_123 : N. Kouki, R. Tayeb, M. Dhahbi , Recovery of salicylic acid from aqueous solution by solvent extraction and supported liquid membrane using TOMAC as carrier.
16:30-16:50	CMTDE_158 : R. Ben Radhia, J. P. Corriou, S. Ben Jabrallah , Numerical study of the evaporation of a film falling on the internal wall from a vertical annular space.	CMTDE_21 : I. Ksentini, M. Kotti, L. Ben Mansour , Hydrodynamic regimes analysis in an electroflotation column in the treatment of industrial effluent.	CMTDE_97 : Ch. Zidi, R. Tayeb, M. Dhahbi , Recovery of phenol from aqueous solution through TBP supported liquid membrane: feed phase concentration effect and membrane stability study.
16:50-17:10	CMTDE_95 : K. Zhani, H. Ben Bacha , Modeling and simulation of a new design of the SMCEC desalination unit using solar energy.	CMTDE_168 : F. Feki, M. Jraou, S. Loukilm S. Kchaou, T. Arnolt, S. Sayadi , Submerged membrane bioreactor for domestic wastewater treatment and reuse.	CMTDE_93 : A. Zaghbani, R. Tayeb, M. Dhahbi , Carrier-facilitated transport of Cd(II) through a supported liquid membrane containing thiactalix [4] arene derivatives as ionophore.
17:10-17:30	CMTDE_64 : K. M. Aboudou, A. S. Cherif, B. Benhamou, S. Harmand , S. Ben Jabrallah , Numerical and experimental study on heat and mass transfers in a humidifier intended for a humidification-dehumidification desalination system.		
17:30-18:30	Poster session 2		
	Posters scheduled for Session 1 must be displayed before 14H. Authors are required to remain near their posters during the session for any discussion.		
20:00	<i>Dinner</i>		

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	Thursday 22 December 2009
	<u>Room "Forum"</u>
10:00	Round Table
11:30	Closing session
12:00	<i>Lunch</i>

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POSTER SESSION 1

Code	Authors	Title
CMTDE_1	B. Abbad, S. Condom, A. Lounis and K. Taibi	Synthesis of ZnAPSO-34 membrane for seawater desalination
CMTDE_3	D. Abdessemed, S. Hamouni, G. Nezzal	Efficiency of filtration as a pretreatment for seawater desalination by reverse osmosis
CMTDE_4	A. Addoun, L. Temdrara, A. Khelifi	Study of chemical structuralometric measures
CMTDE_5	O.S. Benturki, F. Addoun	Removal of phenol and 2-4 dichlorophenol from aqueous solutions using activated carbon prepared by chemical activation of jujuba seeds. Kinetic, thermodynamic and equilibrium studies
CMTDE_7	Z. Merzougui, Y. Azoudj, F. Addoun	Effects of activation method on the pore structure of activated carbon from date pits application to the treatment of waters
CMTDE_9	Akhrib K., Chabani M., Ait Ouaiassa Y., Amrane A. and Bensmaili A	Role of mass transfer mechanisms in kinetic adsorption of nitrates using ion exchange resin
CMTDE_10	K. Akhrib, F. Kaouah, T. Berama Z. Bendjama	Kinetic and thermodynamic study of removal of para chlorophenol from potable water using activated carbon
CMTDE_18	F. Atmani, A. Bensmaili, A. Amrane	Methyl orange removal from aqueous solution by natural and treated skin almonds
CMTDE_20	A. Belouatek, A. Chaougui, K. Zaiter	Preparation a kaolin porous tubular support for the treatment of dye and heavy metals solutions
CMTDE_22	M. Kotti, I. Ksentini, L. Ben Mansour	Effects of surfactants on oxygen transfer rate in the electroflotation process
CMTDE_23	A. Hamitouche, F. Kaouah, Z. Bendjama, A. Amrane	Effect of the ammonium sulphate concentration on the optimal composition of the mineral medium. Phenol biodegradation by mixed culture in batch reactor
CMTDE_24	Benmenni M. Said; Benrachedi K.	Study of environmental impact of a mix discharge of construction and demolition debris, urban garbage and industrial wastes: The Tidjelabine landfill.

CMTDE_25	Benrachedi K. ; Habet L.	Study of propagation of brine of desalination plants in marine middle
CMTDE_26	R.Kadem, S.Bendakmousse T.Berrama	Purification of water polluted by phenol, parametric study
CMTDE_33	Chahrazed Amrane & Kamel-Eddine Bouhidel	Electroplating Sludge Lixiviation : Recovery of Acids , bases and Metals by Diffusion Dialysis
CMTDE_35	Aicha Lakehal & Kamel-Eddine Bouhidel	Comparison of salt nature and evaluation of the ionic electrochemical mobilities in electrodeionization (EDI)
CMTDE_37	K.Oulmi and K.E. Bouhidel	Effects of electrolytes on the noise in the over-limiting current range : (cation exchange membrane).
CMTDE_38	K.Oulmi ; K.E Bouhidel ; S. Benslimane	The Chemical Investigating Methods of Concentration Polarization in Electrodialysis (Plateau Length and Overlimiting Current Iov)
CMTDE_39	Sabrina Tamersit & Kamel-Eddine Bouhidel	Unhairing waste waters from tanneries : Water recycling and free amino acids recovery
CMTDE_42	Y.Boulahlib-Bendaoud, S.Ghizellaoui, H.Semineras, M.Boulkroune	Comparison of the power of groundwater scaled by chronoamperometry
CMTDE_48	Ait ouaissa Y, Chabani M and Bensmaili A.	Sorption of hexavalent chromium metal onto Amberlite IRA 410. Equilibrium isotherms and Kinetics studies.
CMTDE_49	K. Derbal, M. Bencheikh le-hocine, A-H. Meniai, F. Cecchi D. Bolzonella	Treatment of sludge waste for Production of biogas and protection of environment
CMTDE_58	Gharsalli Jamel	Fixing of heavy metals by some inflated Tunisian clays
CMTDE_59	F.Tedjani, A.Khouider, H.Ghoualem	Characterization and anaerobic treatment of a dairy effluent
CMTDE_61	Luis Palacin, Fernando Tadeo, Elfil H., Cesar de Prada	New Dynamic Library of Reverse Osmosis Plants with Fault Simulation
CMTDE_62	K. Guechi, F. Bendebane, H.Ghodbane, A. Aisset, R.Malaoui	Elimination if mercury II in aqueous solution by the sawdust of Okoume
CMTDE_65	L.Larbi, M.Zerdaoui	Reuse of waters of process
CMTDE_67	Abdelhak. Maazouzi, Ahmed. Kettab	Physicochemical Characterization of Groundwater (Foggara) of the Region of Timimoun (Algeria).

CMTDE_68	A. Kettab, A. Maazouzi, R. Mitiche,	Contribution to the Study of Sand Dune (Western Erg) of (Taghit) Algeria used as Bed Filter.
CMTDE_69	A.Khalfaoui, A-H. Meniai	Use of thermally modified orange peels for the elimination of copper ions from industrial waste waters
CMTDE_70	N. Messikh , N.Dadda, A. Hazourli	Application of RBF for prediction of efficiency extraction liquid- liquid of phenol
CMTDE_74	Trari M, Nasrallah N., Behar S., Koudri Z, Bouguelia A, Amrane A.	Chromium reduction by photocatalysis on an oxide semiconductor in a stirred reactor.
CMTDE_75	Nasrallah N., Amrane A., Trari M., Maachi R., Hamada B., Bensmaili A., Lebaili S.	Kinetics Study of the reaction of chloromethyl metaxylyene. Application to water treatment.
CMTDE_76	Kezim A, Trari M., Nasrallah N., Bouguelia, A. Amrane A, Bensmaili A.	Characterization of spinal CuFe ₂ O ₄ oxide semiconductor, Application to metal ions and water reduction.
CMTDE_77	D. Nibou,S. Khemaissia, N. Merabet, M. Barkat et S. Amokrane	Removal of uranyl ions UO ₂ ⁺² by Bêta zeolite.
CMTDE_80	M. Pontié, Yann Gebbink, K. Matsumoto, K. akamura, A. Massé, P. Jaouen	Predictive fouling of MF/UF membranes for drinking water production intensification
CMTDE_81	Maazouza Kenza, Belmedani Mohamed And Sadaoui Zahra	Application of the experimental designs for modeling the mass transfer in micellar enhanced ultrafiltration
CMTDE_82	N. Azouaou Z. Sadaoui and H. MokkaDEM	Removal of cadmium from aqueous solutions by adsorption onto coffee grounds
CMTDE_86	S. Gammoudi, N. Frini-Srasra, E.Srasra	Zinc sorption by Tunisian Smectite : Effect of ionic strength and pH.
CMTDE_91	Lagha H,Yeddou-Mezenner N., Bensaadi Z., Ferguene A., Laoufi N., Bentahar F., Bensmaili A.	Evaluation of pre-treated agricultural wastes (coffee husks) as potential biosorbent for treatment of pesticide contaminated waters

**THE 2nd MAGHREB CONFERENCE ON DESALINATION AND WATER TREATMENT
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POSTER SESSION 2

Code	Authors	Title
CMTDE_92	N. Zabat, M. Abbessi, R.Belghiche	Simultaneous elimination of lead and nickel present in water of industrial wastes by complexation with a lacunar heteropolyanion
CMTDE_96	Ziani F. , Bendou A., Salghi R., Bazzi L.	Electrochemical treatment of Fishery wastewaters
CMTDE_98	Bellakhal N., Ghalloussi R., Dammak L.	Etude du vieillissement des membranes échangeuses d'ions utilisées dans les procédés de séparation
CMTDE_100	M. Chikhi, F. Balaska, A-H. Meniai, M.Bencheikh-Lehocine	Etude par simulation numérique du colmatage des membranes lors de la récupération d'un cation métallique par complexation-ultrafiltration
CMTDE_104	Trari M, Nasrallah N, Bouguelia A, Behar S , Koudri Z, Amrane A	Réduction du chrome par photocatalyse sur un oxyde semi conducteur dans un réacteur agité
CMTDE_105	H. Tizi, T. Berrama, F. Kaouah, Z. Bendjama	Elimination des amines aromatiques par adsorption sur des charbons préparés à base de noyaux d'abricot
CMTDE_106	S. Trabelsi, N. Bellakhal, N. Oturan, M.A. Oturan,	Dégradation des phtalates en milieu aqueux par procédé d'oxydation avancée, photo-fenton
CMTDE_107	Nasrallah N, Amrane A, Trari M., Hamada B, Bensmaili A, Maachi R, Lebaili S.	Etude Cinétique de la réaction de chlorométhylation de métaxylène French Application au traitement des eaux.
CMTDE_109	F.Balaska, M.Chikhi, A-H. Meniai, M.Bencheikh-Lehocine	Récupération du chrome hexavalent issu du bain de chromage du complexe pelles et grues de la ville de Constantine (Algérie) : Etude comparative entre adsorption et couplage complexation-adsorption par l'EDTA et l'acide salicylique
CMTDE_110	F. Kaouah, L. Kachou Bekkouche, Z. Bendjama, S. Phull	Study of the kinetic adsorption of 2-nitrophenol on activated carbon of origin vegetale.
CMTDE_111	O.Ferroukhi, S. Guermouche, M.H.Guermouche	Chromatographic Analysis of organic water pollutants using a new bonded Poly-benzyl-L-Glutamate stationary phase
CMTDE_114	Mahmoudi H., Ouagued A. and Spahis N.	On the use of renewable energies in sea/brackish water Greenhouse desalination unit: a case study from algeria
CMTDE_115	Mahmoudi H, Ouagued A.et Nechad A.	Synthèse et caractérisation des membranes Polymère/gypse et leurs applications au prétraitement de l'eau

CMTDE_116	L. Kachou Bekkouchef , F.Kaouah, S.Phull	A study of characteristics of activated carbon produced from Algerian date stones "DEGLET NOUR"
CMTDE_125	Y. Litaeim, R. Zarrougi et M. Dhahbi	Measurements and correlation of viscosities and conductivities for the mixtures of ethylammonium nitrate with organic solvents
CMTDE_126	E. Selmane Bel Hadj Hmida, H.Ahmed, H.Elfil.	Study of chemical inhibition of gypsum germination at various temperatures
CMTDE_127	Ouagued Abdellaha, Mahmoudi Hacene ^{a*} , Tahraoui Douma Naimaa And Beriache M'hamed ^b	On the use of renewable energies in the treatment and valorisation of waste water contaminated by waste solids : case study from chlef
CMTDE_130	Nacéra Dali youcef ^f , Wacila Benguedda	Bioavailability of heavy metals in sediments and mollusc species from the western coast of algeria
CMTDE_131	Mokhtar Boutahala, Zaghouane Boudiaf Hassina	Sorption of 2, 4, 5-trichlorophenol on modified hydrotalcites
CMTDE_132	Zaghouane-Boudiaf Hassina , Mokhtar Boutahala	Adsorption of 2, 4, 5 trichlorophenol on acid-activated-montmorillonite
CMTDE_134	S. Ben Ahmed, M. M. Tlili, M. Ben Amor	Effect of temperature and concentration principle on gypsum scaling in desalination units.
CMTDE_135	Sofiane Ben Hamouda, Quang Trong Nguyen, Dominique Langevin, Sadok Roudesli	Poly(vinylalcohol)/poly(ethyleneglycol)/poly(ethyleneimine) blend membranes – Structure and CO ₂ facilitated transport
CMTDE_137	E. Selmane Bel Hadj Hamida, J.F. Fauvarque, A.Zaouak, M.Dachraoui	Removal of nitrate by electrodialysis in the presence of acetate
CMTDE_139	Mohammed-Azizi, S. Dib And M. Boufatit*	Algerian montmorillonite clay as adsorbent for the removal of aniline from the aqueous system
CMTDE_141	A. Nasr, Ch. Debbissi, J. Orfi, and S.Ben Nasrallah	Evaporation of binary liquid film by forced convection into humid air and superheated steam
CMTDE_142	Mejri W., Tlili M., Turki T., Ben Amor M., Boughanemi H.	The Effect Of Fe(Ii) And Fe(Iii) On Calcium Carbonate Scale Crystallization
CMTDE_145	A.Khouider, F.Tedjani, H.Ghoualem	Efficacite Du Traitement Biologique Pour Reduire Les Substances Nutritives Issues D'une Laiterie.
CMTDE_147	Nedjhioui Mohamed, Moulai-Mostefa Nadji, Skender Abdelhak.Tir M.	Effect Of Salt On The Interactions Between Biopolymer And Surfactant Using Response Surface Method
CMTDE_151	K. Rouibah, D. Messahel, S. Chekhab, A. H. Meniai, M.T. Rouibah, M. Bencheikh Lehocine	Caracterisation physico-chimique des boues residuaires de la tannerie de Jijel

CMTDE_152	C. Fall, C.M. Hooijmans, M.R. Espinosa, G.M. Vazquez, J.N. Loaiza and M.C.M. van Loosdrecht	RBCOD estimates in ASM1 modelling : divergence between respirometry and physicochemical methods
CMTDE_153	N. Benaouag, T. Berrama, Z. Bendjama	The study of zinc elimination with dehp-tbp in mediums sulphated and chlorinated by liquid-liquid extraction
CMTDE_154	A. Zaouak, F. Matoussi, M. Dachraoui	Electrochemical degradation of some herbicides in aqueous solutions on boron doped diamond anodes
CMTDE_156	Hana Titouhi And Jamel-Eddine Belgaied	Synthesis of a composite material and its application for the treatment of effluents charged by copper and lead
CMTDE_159	Nejla Hechmi ^{a,b} , Nadhira Ben Aissa ^a , Jedidi Naceur ^b and Hassen Abdenaceur	Use of organomineral complex (OMC) for bioremediation of pentachlorophenol (PCP) in forest soil
CMTDE_162	N.Messikh, A.Hazourli, N.Dadda	Solvent Extraction of Phenol from Aqueous Solutions. Using Tributyl phosphate as Extractant
CMTDE_169	F. Boujelbane ¹ , B. Houas ² , F. Oueslati ³ , N. Ben Hamida	Electrochemical study of some insecticides deriving from carbamates in aprotic media
CMTDE_170	Mabrouk W, Ogier L, Fauvarque J. F., Sanchez J. Y., Matoussi F., Sollogoub C., Dachraoui M, Vidal S.	Synthèse de nouvelles membranes utilisables dans les piles à combustible type PEMFC a base de polyéthersulfone sulfonée octylsulfonamide
CMTDE_171	R.Ghalloussi, L. Chaabane, N. Bellakha, L. Dammak	Etude de la perméabilité ionique de membranes échangeuses d'ions neuves et vieilles en électrodialyse appliquées a la stabilisation tartrique des vins