

CMTDE 2026 PROGRAM

10th Mediterranean Conference On Desalination and Water Treatment

25 – 27 March 2026

Le Sultan Hotel 4*, Hammamet, Tunisia

Organized by



With the collaboration of



Water-Energy-Food-Ecosystems Nexus



CMTDE 2026 PROGRAM OUTLINE



WEDNESDAY, MARCH 25, 2026

13:00-14:30	Registration
15:00-16:00	<p>Opening Ceremony</p> <ul style="list-style-type: none"> • Mr. Béchir HAMROUNI, Tunisian Desalination Association President. • Mr. Moez CHAFRA, President of Tunis El Manar University. • Mr. Hamadi HABAIEB, Secretary of State to the Minister of Agriculture, in charge of Water. • Mr. Mondher BELAID, Minister of Higher Education and Scientific Research.
16:00-16:30	Coffee break & Group Photo
16:30-17:00	<p>Conference 1</p> <p>“Navigating the complex interactions among water, food, and energy through Artificial Intelligence”, Sami BEN RJEB</p>
17:00-17:30	<p>Publication opportunity:</p> <p>“DesBooks Desalination, Water and Brine”, Miriam BALABAN, Editor-in-chef</p> <p>“Euro-Mediterranean Journal for Environmental Integration”, Mohamed KSIBI, Editor-in-chef</p>
17:30-18:45	Parallel Oral Session 1
20:00	Dinner

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9:00-9:30	<p>Conference 2</p> <p>“Water-Energy-Food nexus: Integration of solar and conventional technologies for urban wastewater recovery”, Isabel OLLER</p>
9:30-10:00	<p>Conference 3</p> <p>“Membrane Technologies for Chromium Removal from Natural Waters”, Alberto FIGOLI</p>
10:00-10:30	<p>Conference 4</p> <p>“Metal-Organic Framework-based Functional Membranes for Water Desalination and Wastewater Treatment”, Vittorio BOFFA</p>
10:45-12:00	Parallel Oral Session 2
13:00	Lunch
14:30-15:00	<p>Conference 5</p> <p>“Advanced Oxidation Processes for the treatment of recalcitrant organic pollutants in wastewater”, Abdellatif AMRANE</p>
15:00-15:30	<p>Conference 6</p> <p>“Immobilized Photosensitizers in Polymeric Films for Light-Activated Antimicrobial Surfaces and Water-Related Applications”, Clara COMUZZI</p>
15:45-17:00	Parallel Oral Session 3
17:15-18:00	Posters Session 1
18:15-19:00	Posters Session 2
20:00	Dinner
FRIDAY MARCH 27, 2026	
9:00-10:30	Parallel Oral Session 4
10:30-11:30	Round Table and Closing session
13:00	Lunch

WEDNESDAY Afternoon, MARCH 25, 2026		ORAL SESSION 1
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> <p style="color: green; margin: 0;">Room "Pacha" Sustainable Desalination and Water Reuse</p> </div>		
17:30-17:45	<p>CMTDE 2026_22: Eco-friendly chromium removal from tannery wastewater using electrocoagulation And Opuntia Ficus Indica Powder, <i>Elabbas Saliha, Adjeroud Nawel, Aziz Faissal, Leclerc Jean Pierre, Mandi Laila, Ouazzani Naaila</i></p>	
17:45-18:00	<p>CMTDE 2026_56: Advanced Membrane-Based Electromembrane Technology for Sustainable Cadmium (II) Recovery from Wastewater, <i>Jadlaoui Chiraz, Ncib Sana, Elaloui Elimam , Bouguerra Wided</i></p>	
18:00-18:15	<p>CMTDE 2026_73: Heterogeneous Fenton Degradation of Azo Dyes Using Kaolinite Clay as a Catalyst, <i>Bouatay Ferial, Abdelmoula Fatma, Mazgar Sahar, Masmoudi Ghazza, Ladhari Neji, Dhaouadi Hatem</i></p>	
18:15-18:30	<p>CMTDE 2026_91: Transforming desalination efficiency through AI and IT/OT synergy, <i>Achour Samy</i></p>	
18:30-18:45	<p>CMTDE 2026_119: Optimizing weighted electro-flocculation for efficient water hardness reduction: Insights from ANOVA and Tukey HSD analyses, <i>Abbes Maroua, Elaloui Elimame, Bouguerra Wided</i></p>	

WEDNESDAY Afternoon, MARCH 25, 2026		ORAL SESSION 1
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> <p style="color: green; margin: 0;">Room "Sindbad" Membranes and New Water Technoloaies</p> </div>		
17:30-17:45	<p>CMTDE 2026_11: Performance and Cost Assessment of a Zeolite X-Polystyrene Ultrafiltration Membrane on Pyrophyllite Support <i>Adlane Sanaa, Naim Jamyla, Idghamane Manal, Essate Ahlam, Achiou Brahim, Aaddane Abdellah, Ouammou Mohamed, Alami Younssi Saad</i></p>	
17:45-18:00	<p>CMTDE 2026_39: Use of Capacitive Deionization and Membrane Distillation for Water Treatment and Resource Recovery <i>Gomaa Hassan, Alphonse Furaha, Tahir Arslan, Abdelsamea Sara, Ray Madhumita</i></p>	
18:00-18:15	<p>CMTDE 2026_42: Biofouling of polyethersulfone membranes: an integrated biokinetic model for energy consumption optimization in an MBR system <i>Benaliouche Hana, Abdessemed Djamel, Benaliouche Fouad, Lesage Goeffroy, Heran Marc</i></p>	
18:15-18:30	<p>CMTDE 2026_54: Reverse Osmosis Membranes Efficiency Analysis <i>Chandoul Belgacem, Fezai Maryem, Elakhdar Mouna</i></p>	
18:30-18:45	<p>CMTDE 2026_58: Green Recovery: Membrane-Led removal of Phytotoxicity for Sustainable Soybean Oil Wastewater Reuse <i>Khouni Imen, Jammeli Linda, Moulin Philippe</i></p>	

THIRSDAY morning, MARCH 26, 2026		ORAL SESSION 2
<p>Room "Sindbad" Environmental Impact of Water, Energy, and Food</p>		
10:45-11:00	<p>CMTDE 2026_5: Topographic and porous structure evaluation of halloysite for pefloxacin adsorption Oueslati Kods, Ben Lamine Abdelmottaleb</p>	
11:00-11:15	<p>CMTDE 2026_25: Advanced Materials for Environmental Protection and Ecological Remediation Tili Hajer, Ansoulssi Refk, Elaoud Anis, Ferhi Mounir, Horchani-Naifer Karima</p>	
11:15-11:30	<p>CMTDE 2026_35: Comparative Adsorption of Murexide onto PANI, Activated Carbon, and PANI/AC Composite Hassen Assia, Ben Slimane Amel, Elaloui Elimame</p>	
11:30-11:45	<p>CMTDE 2026_49: Comprehensive Optimization of Electrocoagulation Reactor Design Parameters for Sustainable Decolorization of Tunisian Olive Mill Wastewater: A Mechanistic and Statistical Approach Brahmi Khaled, Mannai Omaima, Abbas Maroua, Hannachi Chiraz, Elaloui Elimame, Bouguerra Wided</p>	
11:45-12:00	<p>CMTDE 2026_69: Bimetallic Ti-Mn loaded ZSM-5 zeolites for Catalytic oxidation of VOCs at low-temperatures Ben Soltan Wissem, Souli Imen, Liu Haijin, Ammar Salah</p>	

THIRSDAY morning, MARCH 26, 2026		ORAL SESSION 2
<p>Room "Pacha" Real-World Projects and Ca: Studies,</p>		
10:45-11:00	<p>CMTDE 2026_66: Sustainable reuse of treated wastewater for irrigation: impacts on soil properties and shallow groundwater quality Belaid Nebil</p>	
11:00-11:15	<p>CMTDE 2026_77: Bridging Performance and Policy in Wastewater Treatment for Water Security: A Double-Bootstrap DEA of ONAS Facilities Hidoussi Mohamed, Mellah Thuraya, Akrouit Hanene, Gassab Maher</p>	
11:15-11:30	<p>CMTDE 2026_78: Evaluation, Monitoring, and improvement of drinking waters quality in Tunisia. Melliti Emna, Sallemi Nesrine, Elfil Hamza</p>	
11:30-11:45	<p>CMTDE 2026_99: Applicability of electrocoagulation process for the treatment of pharmaceutical industry wastewater Ben Aissa Takoua, Hamrouni Amine, Tili Mohamed</p>	
11:45-12:00	<p>CMTDE 2026_115: Groundwater treatment using subsurface constructed wetland systems Mahmoudi Amal, Hannachi Chiraz, Hamrouni Bechir</p>	

THIRSDAY afternoon, MARCH 26, 2026		ORAL SESSION 3
<p>Room "Pacha" Membranes and New Water Technologies</p>		
15:45-16:00	<p>CMTDE 2026_64: Fabrication and characterization of a new ceramic membrane from Tunisian clay: Application to industrial wastewater treatment ZOUIDI Imen, ARFAOUI Chaima, GAMOUDI Safa</p>	
16:00-16:15	<p>CMTDE 2026_67: Chemical downcycling of retired RO membranes for nanofiltration and ultrafiltration applications Guesmi Youssef, Melliti Emna, Elfil Hamza</p>	
16:15-16:30	<p>CMTDE 2026_103: Developpement of PES based composite membrane incorporated with Bio-Hydroxyapatite: Heavy Metal Removal and antifouling resistance Mekki Mouna, Russo Francesca, Jellouli Ennigrou Dorra, Figoli Alberto</p>	
16:30-16:45	<p>CMTDE 2026_106: Removal of Methyl Green dye by new biocomposite (activated carbon/polyaniline) Zouidi Imen, Ben Slimane Amel, Gamoudi Safa</p>	
16:45-17:00	<p>CMTDE 2026_110: A metrological approach to potentiometric pH measurement in artificial seawater: Implications for desalination processes, Ben Achour Mounir, Guesmi Fatma, Hannachi Chiraz, Hamrouni Béchir</p>	

THIRSDAY afternoon, MARCH 26, 2026		ORAL SESSION 3
<p>Room "Sindbad" Sustainable Desalination and Water Reuse</p>		
15:45-16:00	<p>CMTDE 2026_17: Sustainable treatment of aquaculture wastewater using Solar-driven Advanced Oxidation Process at neutral pH Houda Mhedhbi*, Sixto Malato, Samira Nahim-Granados, Isabel Oller</p>	
16:00-16:15	<p>CMTDE 2026_86: From Structure to Signal: Optical Tuning of New g-C₃N₄ Schiff Bases for Metal Ion Sensing Abbassi Kaouther, Agren Soumaya, El Haskouri Jamal, Beyou Emmanuel, Baouab Mohammed Hassen V</p>	
16:15-16:30	<p>CMTDE 2026_87: MXene-Based Composite as an Efficient Catalyst for Photo-Fenton Degradation of Organic Pollutants Mnasri Nourhen, Labiadh Lazhar, Boffa Vittorio, Ammar Salah</p>	
16:30-16:45	<p>CMTDE 2026_93: Performance of a natural bio-coagulant derived from Canary Oak Leaves in treatment of natural waters Zendah Houda</p>	
16:45-17:00	<p>CMTDE 2026_112: Secondary effluent quality improvement for agricultural reuse using Khelladi Malika, Mezouagh Amina, Mohamed Seghir Zahira and Debab Abdelkader</p>	

FRIDAY morning, MARCH 27, 2026		ORAL SESSION 4
<p>Room "Sindbad" Environmental Impact of Water, Energy, and Food</p>		
9:00-9:15	<p>CMTDE 2026_71: MOF-based magnetic catalyst for sustainable electro-Fenton removal of antibiotics Labiadh Lazhar, Xu Lei, Sboui Mouheb, Ammar Salah, Fu Minglai, Yuan Baoling</p>	
9:15-9:30	<p>CMTDE 2026_80: Design and modeling of a solar-assisted humidification dehumidification desalination unit Miladi Rihab, Frikha Nader, Gabsi Slimane</p>	
9:30-9:45	<p>CMTDE 2026_96: Environmental impacts of water quality and availability on biodiversity dynamics, RABOUDI Faten Raboudi Faten</p>	
9:45-10:00	<p>CMTDE 2026_130: Productivity enhancement of single slope solar distiller by using convex absorber: an experimental study Boudhiaf, Ridha Kessentini Sameh, Attia Mohammed El Hadi</p>	
10:00-10:15	<p>CMTDE 2026_131: Improving biogas production from agro-food waste using Artificial Intelligence and deep learning: A review of recent research Fezzani Boubaker</p>	

FRIDAY morning, MARCH 27, 2026		ORAL SESSION 4
<p>Room "Pacha" Water, Climate, and Environmental Technologie</p>		
9:00-9:15	<p>CMTDE 2026_32: Parametric numerical analysis of the thermal behavior of a PCM- integrated plate heat exchanger Benhassen Khouloud, Frikha Nader, Gabsi Slimane, Khalij Mohammed, Kheiri Abdelhamid</p>	
9:15-9:30	<p>CMTDE 2026_34: Institutional quality and water desalination efficiency: evidence for mediterranean region, Lassoued Naima, Khanchel Imen</p>	
9:30-9:45	<p>CMTDE 2026_82: Design and optical evaluation of BF₂-Modified g-C₃N₄: experimental characterization, TD-DFT insights, and selective metal ion sensing Agren Soumaya, Abbassi Kaouther, El Haskouri Jamal, Baouab Mohammed Hassen V</p>	
9:45-10:00	<p>CMTDE 2026_98: Climate change impacts on epigenetics Maaloul Rania , Khnissi Samia , Fattouch Sami & Raboudi Faten</p>	
10:00-10:15	<p>CMTDE 2026_113: Plasma chemical mineralization of Per-and polyfluoroalkyl substances by dielectric barrier discharge Ben Said Soumaya, Kandjo Ngoubeyou Prisca Stéphanie, Rabat Hervé, Hong Dunpin, Bellakhal Nizar, Aubry Olivier</p>	
10:15-10:30	<p>CMTDE 2026_9: Application of biostimulants to improve the tolerance of Mentha spicata L. under deficit conditions Bekka Selma, Bentrads Najla, Derder Anissa, Dahman Sarah, Smati Hiba</p>	

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CMTDE 2026_3	Evaluating reuse of cement kiln dust as coagulant for wastewater treatment Ramdani Nadia, Dra Rafik El Arslene, Medjahdi Malika And Tilmatine Amar
CMTDE 2026_6	Decoding Van Der Waals forces in pefloxacin adsorption via energetic modeling on halloysite Oueslati Kods, Ben Lamine Abdelmottaleb
CMTDE 2026_7	Evaluation of Physicochemical and Bacteriological parameters of Adardar spring water during two tamplng campaigns in Tizi Ouzou, Algeria Mezani Samir, Ikhlef Hassina
CMTDE 2026_8	Diversity of biochemical fruit quality traits in apple fruits during cold storage Abidi Walid, Akrimi Rawaa, Mahfoudhi Imen, Touil Wael
CMTDE 2026_9	Application of biostimulants to improve the tolerance of <i>Mentha spicata</i> L. under deficit conditions Bekka Selma, Benrad Najla, Derder Anissa, Dahman Sarah, Smati Hiba
CMTDE 2026_16	Towards Circular Water Management: Artificial Ecosystem and Phytoremediation for the Rehabilitation of the ERym Wetland (Annaba, Northeast Algeria) Youbi Amira, Derradji Manel, Farfar Khadidja, Afri Amira, Houilia Ahmed, Djebbar Mohamed Réda, Abbassi Hadj Ahmed
CMTDE 2026_18	Antioxidant activity of <i>Juglans regia</i> L. Extracts and their Applications in Water Treatment Tighidet Hassiba, Berboucha Meriem, Cherchour Nabila, Aoudia Kahina, Brinis Naima
CMTDE 2026_20	Sustainable green synthesis of iron oxide nanoparticles for efficient dye adsorption from wastewater Brick Chaouche Souad, Haddad Ahmed

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CMTDE 2026_21	Optimization of the Extraction and Valorization Process of Humic Substances Derived from Compost Elfadhli Leila, Frikha-Dammak Donnez, Mallah Besma
CMTDE 2026_24	A Green Route to Water Security : Remediating Saline Water using Bio-Synthesized Perovskite Andoulsi-Fezei Refka, Mechi Amani, Elaoud Anis, Ferhi Mounir, Horchani-Naifer Karima
CMTDE 2026_26	Eco-Friendly Adsorption of Congo Red and Methylene Blue with Raw Carbon from <i>Posidonia oceanica</i> Ahmadi Samia, Mahjoubi Najah, Tlili Nawel, Gallard Hervé, Elaloui Elimame
CMTDE 2026_27	Desalinated seawater for phosphate processing as a key to maintaining the sustainability of the mountain oases of Tamerza Amari Ramzi, Benyounes Fayrouz, Ahmedi Salwa, Guesmi Fatma, Allagui Mohamed Salah
CMTDE 2026_28	Sustainable treatment of contaminated water for reuse using bio-based activated carbon from <i>Leucaena</i> leaves: Cadmium adsorption study Terkhi Mohamed Cherif, Belhadji Kinza Amel, Terkhi Sabria, Nedjimi Mohammed Said , Tlili Salah, Ghezzar Mouffok Redouane, Abdelmalek Fatiha And Addou Ahmed
CMTDE 2026_29	A Sustainable Route to NiFe_2O_4 Nanoparticles: Application in Water Treatment and Agriculture Mechi Amani, Andoulsi-Fezei Refka, Elaoud Anis, Ferhi Mounir, Horchani-Naifer Karima
CMTDE 2026_30	Catalytic Degradation of Triclosan Using Fe/ZrO_2 and $\text{Fe-Co}/\text{ZrO}_2$ Systems in Waste Water treatment Yacoub Amira, Ksibi Zouhaier
CMTDE 2026_31	Green production of SnO_2 nanoparticles from lignocellulosic biomass: Adsorption of a hazardous anionic dye, kinetic and thermodynamic investigation Belhadji Kinza Amel, Terkhi Mohamed Cherif, Terkhi Sabria, Nedjimi Mohammed Said, Tlili Salah, Ghezzar Mouffok Redouane, Abdelmalek Fatiha And Addou Ahmed

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CMTDE 2026_36	Adsorption Of Methyl Green Onto A PANI/Activated Carbon Composite Hassen Assia, Ben Slimane Amel, Elaloui Elimame
CMTDE 2026_37	Optimisation De Traitement Du Phosphore Dans Les Eaux Usées Par Voie Chimique Mejri Ramzi, Sahbani Nawres, Belkhir Eya
CMTDE 2026_40	Technical, Economic And Environmental Study Of A Solar Thermal Installation Mejri Mahjoub
CMTDE 2026_41	Ultra-Rapid Dual Dye Removal Recyclable By Highly Efficient Blue Crab Crustacean Biochar Ben Ameer Najla, Sassi Wafa, Allouche Nouredine, Hihn Jean-Yves
CMTDE 2026_44	Valorization Of Sebkh El Melah Brine: Synthesis And Characterization Of Magnesium Oxide With Co-Product Recovery Fezei Radouanne, Hamzaoui Ahmed Hichem
CMTDE 2026_46	Efficient Removal Of Congo Red Dye Using Iron-Pillared Bentonite: Optimization By Central Composite Design Ouali Kaouthar, Hamza Wiem, Fakhfakh Nadim, Benzina Mourad
CMTDE 2026_48	Assessment Of Irrigation Water Quality Using Fuzzy Logic And Land Cover Dynamics In The Touggourt Region (Algerian Sahara) Bencheikh Amor, Bouznad Imad Eddine, Bencheikh Khalil
CMTDE 2026_50	Coupling Electrocoagulation with Activated Carbon Adsorption for Efficient Post-Treatment and Phenolic Removal from Olive Mill Wastewater Brahmi Khaled, Mannai Omaira, Abbes Maroua, Hannachi Chiraz, Elaloui Elimame, Bouguerra Wided

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CMTDE 2026_51	Photocatalytic degradation of Rhodamine B using SnO₂ nanoparticles synthesized with various surfactants SOLI Jihen, MAAMRIA Jihen, ELALOUI Elimame, CHARNAY Clarence
CMTDE 2026_53	Impact of treated wastewater reuse on the physico-chemical and microbiological quality of a cultivated plot in an arid zone ETURKI Saifeddine, HIDRI Yassine, SOUID Faiza, WERHANI Rim, HAJJAJI Feryel, OUESSAR Mohamed
CMTDE 2026_55	Advanced PIM-Based Strategies for the Sustainable Recovery of Rare Earth Lanthanum (III) Ions JADLAOUI Chiraz, NCIB Sana, ELALOUI Elimam, BOUGUERRA Wided
CMTDE 2026_59	Microbial metagenomics diversity shifts from one to two stages digesters for enhanced methane production yield FARHAT Amel, BABAY Wafa, CHERNI Maroua, OUZARI Hadda Imene, BOUALLAGUI Hassib
CMTDE 2026_61	Climate change and food security: water and energy strategies for sustainable broiler production HAMMOUCHE Dalila, MOUSS Abdelhak Karim
CMTDE 2026_63	Solar photocatalytic degradation of organic dyes using tin sulfide nanoparticles for sustainable water treatment MAAMRIA Jihen, SOLI Jihen, COPERAA Christophe, BONNET Pierre, ELALOUI Elimame
CMTDE 2026_65	Experimental and Modeling Study of Airflow and Psychrometry Effects on Cooling Pad Performance BEN ABDALLAH Samira, MILADI Rihab, KHALIJ Mohammed, FRIKHA Nader, GABSI Slimane
CMTDE 2026_68	Advancing Wastewater Treatment: Electrocoagulation as a Rapid and Eco-Friendly Solution for Dye Removal RABHI Houda, ABBES Maroua, ELALOUI Limame, BOUGUERRA Wided

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CMTDE 2026_70	Enhancement of the structural and optical properties of ZnO nanosheets through the incorporation of W cations for organic compound degradation Ben Soltan Wissem, Souli Imen, Toupance Thierry, Wang Wenlong
CMTDE 2026_72	Desalinated seawater for phosphate processing as a key to maintaining the sustainability of the mountain oases of Tamerza, Chebika, Amari Ramzi, Benyounes Fayrouz, Ahmedi Salwa, Guesmi Fatma, Allagui Mohamed Salah
CMTDE 2026_74	Heterogeneous Photo-Fenton Degradation of 8-Hydroxyquinoline-5-Sulfonic Acid Using magnetic nano-Fe₃O₄-Fe₂O₃/Expanded Perlite composites. Azizi Oumaima, Boumnijel Ibtissem, Mihoubi Daoued, Attour Anis
CMTDE 2026_75	Mesoporous activated carbon produced from agro-waste for pharmaceutical pollutant removal: Optimization HAMZA Wiem, OUALI Kouthar ,OULED LTAEIF Olf, BENZINA Mourad
CMTDE 2026_76	Biochar/CuFeS₂ composite for sustainable wastewater treatment Labiadh Lazhar, Klidi Nizar, Khriji Jamel, Ammar Salah
CMTDE 2026_79	Dual environmental remediation using Tunisian bentonite for surfactant removal and subsequent chromate anion adsorption El Mannai Faouzi, Frini Srasra Najoua
CMTDE 2026_81	Food and Agricultural Policies and Food Security in Tunisia: A Meta-Analysis Ghazouani Tesnime, Dhaouadi Nedra, Bellakhal Nizar, Fattouch Sami
CMTDE 2026_85	Integrating Environmental Footprints and Health Outcomes of Dietary Patterns in Tunisia: Advancing the WEF-Health Nexus Dhaouadi Nedra

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CMTDE 2026_88	Hydrodynamic Response of Oasis Aquifers to Illegal Groundwater Pumping: Decline and Spatial Migration of Water Tables in Kebili, Southern Tunisia Bensmida Aljia, Chkirbene Anis, Khemiri Khawla
CMTDE 2026_89	Ecotoxicological Effects of Polluted Water on Aquatic Organisms: Environmental and Biological Insights Khaled Ichrak, Saidi Issam
CMTDE 2026_90	Ultrasonication-Assisted Biosorption of Cationic Dye from Aqueous Phase Guechi El-Khamssa, Haou Sana
CMTDE 2026_92	Photocatalytic Degradation of Ciprofloxacin Using a BiFeO₃/TiO₂ Heterostructure with Peroxymonosulfate Activation Mansouri Badreddine, Ksibi Zouhaier
CMTDE 2026_94	Integrated Aquaponics for Sustainable Water Reuse and Food Production: A Case Study from Northeastern Algeria Mahfouf Nora, Bekhouche Yasmine, Boussafsaf Anfel
CMTDE 2026_95	Water Quality Assessment in an Integrated Aquaponic System in Northeastern Algeria Mahfouf Nora, Bekhouche Yasmine, Boussafsaf Anfel
CMTDE 2026_97	Nanotechnology for water treatment Maaloul Rania , Khnissi Samia , Fattouch Sami & Raboudi Faten
CMTDE 2026_100	Low-Energy Dye Removal from Water Using Carbon-Based Adsorbents Chaari Islem, Haj Mouhamed Fatma Ezzahra, Mehrez Mariem

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CMTDE 2026_101	Sustainable Cationic Dye Removal by Adsorption onto Magnetic and Non Magnetic Alginate Beads: Comparative Study Boumaiza Fatma, Hamrouni Béchir, Hannachi Chiraz, Marzouk Trifi Ikhlass
CMTDE 2026_102	Modeling of Seawater Falling Film Desalination System integrated with Vapor compression Zayen Aymen, Belhadj Mohamed Amine, Sghair Nour
CMTDE 2026_104	Eco-Friendly Bioadsorbent Derived from Agricultural Waste for Efficient Dye Removal Hamraoui Chirine, Hannachi Chiraz, Marzouk Trifi Ikhlass
CMTDE 2026_107	AI-Driven Digital Biosensing: Predictive Biocomputed Nano-Bio Interface for Intelligent Detection of Neurotoxic Contaminants in Water Zayani Hadil, Rebai Olfa, Bellakhal Nizar, Fattouch Sami
CMTDE 2026_108	Intensification of Sessile Droplet Evaporation by Mechanical Vibrations Yakoubi Wijden, Foudhil Walid, Perre Patrick, Ben Jabrallah Sadok
CMTDE 2026_109	Effects of Interactions on Evaporation Kinetics in Sessile Multi-Droplet Configurations Somrani Oumayma, Foudhil Walid, Tadrist Lounès, Ben Jabrallah Sadok
CMTDE 2026_111	Valorization of Agricultural Waste into High-Performance Bioadsorbents for Dye Removal Djemel Amira, Hannachi Chiraz, Marzouk Trifi Ikhlass
CMTDE 2026_114	Valorization of Deglet Nour Date Sorting By-Products into Date Syrup for Kefir Fortification: Water, Carbon and Environmental Sustainability Assessment BEN TEMESSEK Malek, REBAI Olfa And FATTOUCH Sami

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CMTDE 2026_117	Valorization of Coffee grounds for methylene blue Removal from water Guesmi Fatma, Hannachi Chiraz
CMTDE 2026_118	High-Efficiency Removal of Copper and Nickel via Donnan Dialysis Using Fujifilm Cation-Exchange Membranes: Process Optimization through Response Surface Methodology Chaabani Nabila, Ncib Sana, Dammak Lasâad, Larchet Christian, Elaloui Elimame, Bouguerra Wided
CMTDE 2026_120	Biomass (date palm by-product) valorization via Synthesis of plastic polymermembrane (PPM) Othmen Kemla, Ncib Sana, Larchet Cristian, Dammak Lasaad, Bouguerra Wided
CMTDE 2026_121	Performance Evaluation of a Poly(vinyl chloride) Polymer Inclusion Membrane Containing 2-Nitrophenyl Octyl Ether and Di(2-ethylhexyl) Phosphoric Acid for Heavy Metal Separation from a Ternary Solution Mahmoud Hayet, Ncib Sana, Othmen Kemla, Dammak Lasâad, Elaloui Elimame, Bouguerra Wided
CMTDE 2026_122	A Comparative Study of Raw Chert and Biomass-Derived Carbon for the Adsorptive Removal of Congo Red and Methylene Blue: Performance Mahjoubi Najah, Ahmadi Samia, Araissi Manel, Gallard Hervé, Elaloui Elimame
CMTDE 2026_123	Valorization of Mollusk Shells as Bio-Adsorbent and Bio-Coagulant for Industrial Wastewater Treatment Elfadhli Leila
CMTDE 2026_124	Effect of radiocatalysis on the degradation of chlorinated organic and pyrethroid pesticides Haddadi Ikbel, Ben Said Olfa, Trabelsi Zied, Lassoued Amel, Mahmoudi Ezzeddine, Dhaouadi Hassen, Bouaicha Mongi
CMTDE 2026_125	Integrated Eco-Chemical Approach for the Treatment of Detergent Industry Effluents: Combination of Foam Fractionation and Adsorption onto Activated Biochar Khiari Awatef, Hassine Thouraya, Akriche Sameh

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Session 2

CMTDE 2026_127	<i>Electron Beam Irradiation for the Degradation of Persistent Pharmaceutical Pollutants in Aquatic System</i> Aribi Jihene, Jahouach-Rabai Wafa, Trabelsi Mohamed Hedi, Azzouz Zohra, Hamrouni Béchir
CMTDE 2026_128	<i>Biosorption Using Artemisia campestris Biomass for Water Treatment and Desalination</i> Hassine Thouraya, Khiari Awatef, Bellakhal Nizar
CMTDE 2026_129	<i>Feeding specturum of young hybrid sparrow (Passer domesticus x P. hispaniolensis) in the oasis environment of Hassi Ben Abdellah, Algeria</i> Abbassi Aicha, Alioua Yousef, Guezoul Omar, Benras Hafsa

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