



ROOM A - Anadolu		ROOM B - Bosphorus	
WEDNESDAY, 10.09.2025			
08:00 - 09:00	Registration		
09:00 - 09:40	Opening Ceremony		
09:40 - 10:00	Invited Speaker Prof. Maria Reis		
10:00 - 10:20	Invited Speaker Prof. Michihiko Ike		
10:20 - 10:50	Coffee Break		
10:50 - 12:30	Session 1	10:50 - 12:30	Session 2
12:30 - 12:40	Discussion	12:30 - 12:40	Discussion
12:40 - 14:00	Lunch		
14:00 - 14:10	Gold Sponsor Presentation		
14:10 - 14:30	Invited Speaker Prof. Dionissios Mantzavinos		
14:30 - 15:50	Session 3	14:30 - 16:00	Session 4
15:50 - 16:00	Discussion	16:00 - 16:10	Discussion
16:10 - 16:40	Coffee Break		
16:40 - 16:50	Sponsor Presentation METAWATER Co., Ltd.		
16:50 - 18:20	Session 5	16:50 - 18:00	Session 6
18:20 - 18:30	Discussion	18:00 - 18:10	Discussion
18:30 - 22:00	Welcome Cocktail		
THURSDAY, 11.09.2025			
08:00 - 09:00	Registration		
09:00 - 10:30	Session 7	09:00 - 10:20	Session 8
10:30 - 10:40	Discussion	10:20 - 10:30	Discussion
10:40 - 11:10	Coffee Break		
11:10 - 11:20	Sponsor Presentation Kubota Corporation		
11:20 - 11:40	Invited Speaker Prof. Francesco Fatone		
11:40 - 12:50	Session 9	11:40 - 13:00	Session 10
12:50 - 13:00	Discussion	13:00 - 13:10	Discussion
13:10 - 14:30	Lunch		
14:30 - 14:40	Sponsor Presentation Kanadevia Corporation		
14:40 - 15:00	Invited Speaker Prof. Giorgio Mannina		
15:00 - 16:20	Session 11	15:00 - 16:20	Session 12
16:20 - 16:30	Discussion	14:40 - 14:50	Discussion
16:30 - 17:00	Coffee Break		
17:00 - 18:30	Session 13	17:00 - 18:30	Session 14
18:30 - 18:40	Discussion	18:30 - 18:40	Discussion
19:00 - 00:00	Gala Dinner		
FRIDAY, 12.09.2025			
08:00 - 09:00	Registration		
09:00 - 10:50	Session 15		
10:50 - 11:00	Discussion		
11:00 - 11:30	Coffee Break		
11:30 - 12:20	Session 16		
12:20 - 12:30	Discussion		
12:30 - 13:10	Closing Ceremony		

ORAL PRESENTATIONS		
Time	Abstract ID	Abstract Title & Authors
SESSION 1	10:50-11:00	6979149 Anaerobic-Microaerophilic Granular Sludge System For Ammonia Retention, Phosphorus Recovery, And Improved Settability <i>Kotaro Kitamura, Jingyu Duan, Teppei Nitta, Megumi Kuroiwa, Shohei Riya, Taku Fujiwara, Tomoyuki Hori, Akihiko Terada</i>
	11:00-11:10	6982844 Meet Venom Found In The Leachate Wastewater Treatment Plant: Macro To Micro <i>Güçlü Insel, Didem Güven, Beste Kaya, Dilşad Soylu, Goksin Ozyildiz, Bünyamin Karagöz, Emine Çoğgör, Fatih Çoker, Mehmet Gençsomanoğlu, Fatih Peker</i>
	11:10-11:20	6844072 Phosphorus Removal Potential Of Swine Wastewater Activated Sludge Treatment Effluent By Crystallization <i>Miyako Waki, Tomoko Yasuda, Yasuyuki Fukumoto</i>
	11:20-11:30	6838824 Balancing Nitrogen Removal And N ₂ O Emissions: Continuous Vs. Intermittent Aeration Strategy <i>Weronika Barowska, Olga Zajac, Monika Zubrowska-Sudol</i>
	11:30-11:40	6979380 Adsorption Of Ammonium And Phosphorus By Biochar Produced By Co-pyrolisis Of Solid Digestate And Egg Shell <i>Shohei Riya, Kouta Sakihara, Manoj Kumar Jena, Chihiro Fushimi, Akihiko Terada</i>
	11:40-11:50	6844272 Design, Simulation And Pilot Scale Study For Treatment Of Slaughterhouse Wastewater Using Aerobic Granular Sludge Reactor <i>Farrukh Basheer, Hasan Rameez, M Imran Siddiqui, M Adim, I.H. Farooqi</i>
	11:50-12:00	6842507 Recovery Of Microalgal-bacterial Consortia In Cultivation System Using Fluidized Carriers For Wastewater Treatment <i>Ashikur Sarker, Yugo Takabe, Yoshikuni Hino, Tara Horino, Motoharu Naguchi</i>
	12:00-12:10	6998940 Performance Of Nitrifying Biofilms For Ammonia Removal In Shrimp Aquaculture <i>Papitchaya Srihep, Piyaorn Khunrak, Sorawit Powtongsook</i>
	12:10-12:20	6851876 Pilot-scale Cultivation Of Macroalga Ulva Meridionalis Using Treated Sewage Effluent: Growth Characteristics And Nutrient Recovery <i>Lorenzo Victor Totanes, Youhei Nomura, Masanori Hiraoka, Mitsunobu Nomura, Taira Hidaka, Taku Fujiwara</i>
	12:20-12:30	6844020 Analyzing Bacterial Abundance And Microbial Diversity Across Constructed Wetlands And Urban Landscapes <i>Marvin John Uy, Miguel Enrico Robles, Yuyesong Oh, Md Tashdedul Haque, Leehyung Kim</i>
SESSION 2	10:50-11:00	6960752 Experimental And Modeling Study In An Agro-industry Considering By-product Utilization For Sustainable Wastewater Management <i>Cigdem Yangin-Gamec, Busem Urediller, Seferhan Yilmaz, Ozlem Karahan Ozgun</i>
	11:00-11:10	6847567 Treatment Of Shipyard Wastewater With Adsorbents And Design (Selection) Of The Bag Filter <i>Ozgül Taspinar, D. Bulent Cift, Mustafa Can Bozkurt, Ahmet Alparslan Kuzucu, Volkan Uslan</i>
	11:10-11:20	7045904 Valorisation Of Seafood And Dairy Waste Into High-value Bioproducts Through Circular Biorefineries <i>Salman Nisar, Carla Maggetti, Massimiliano Sgroi, Anna Laura Eusebi, Francesco Fatone</i>
	11:20-11:30	6979329 Co-culture Valorization Of Fermented Agro-Waste <i>Simeg Sertgümez, Elaheh Mohammadigharagoz, Mehmet Sadik Akca, Ecce Polat, Elif Demirkan, Mahmut Altınbaş</i>
	11:30-11:40	6979021 Evaluating The Impact Of Mulching Of Olive Pruning Residues On Soil Properties And Yields In Olive Groves <i>Hiba Abu Tayeh, Aviad Karmazin, José Grünzweig, Tamir Klein, David Yalin</i>
	11:40-11:50	6978604 The Impact Of Electrolysis On Anaerobic Digestion-Microbial Electrolysis Cell (AD-MEC) Systems Treating Cattle Manure <i>Berkan Oden, Yaserin Dilsad Yilmazel</i>
	11:50-12:00	6955826 Enhanced Lactic Acid Production Through Cavitation: Influence Of Substrate Loading, Pretreatment Time, And Microbial Diversity <i>Aisha Khan Khanzada, Xianbao Xu, Ewa Zaborowska, Jacek Makinia</i>
	12:00-12:10	6845488 Recycling Of Pomegranate Peels As A Waste Product Of The Wine Industry For The Purpose Of Food Additives <i>Umide Majnunlu, Vugar Mikayilov</i>
	12:10-12:20	6977934 Upcycling Agro-industrial Waste Into Bio-based Chemicals: Indigenous Bacteria-driven Volatile Fatty Acids Production From Cassava <i>Dennapa Sengmee, Pawinee Chalprasert, Benjaphon Suraraksa</i>
	12:20-12:30	6979138 Hydrothermal Humification For Converting Olive Pomace To Artificial Humic Acids <i>Mana Ghaslani, Giovanni Coppai, Gianluigi Farra, Nader Morzban</i>
SESSION 3	14:30-14:40	6954245 Comparative Study Of UV/H ₂ O ₂ Degradation And Ion Exchange Recovery For MEA Wastewater Treatment <i>Hung-Yee Shu, Ming-Chin Chang, Chen-Tai Huang</i>
	14:40-14:50	6718112 Applications And Implications Of The Color Parameter In Textile Industry Wastewater Treatment: A Review <i>Isik Kabdasli, Idil Arslan-Alaton</i>
	14:50-15:00	6998744 Occurrence, Environmental Risks, And Control Measures Of Multiclass Antibiotics In Aquaculture Water Of Bangladesh <i>Umma Salma, Anwar Hossain, Md. Shafiqulaman, Yuri Nishimura, Masahiro Tokumura, Rumi Tanoue, Tatsuya Kunisue, Kozo Watanabe, Mohammad Raknuzzaman, Kazushi Noro, Takashi Amagai, Masakazu Makino</i>
	15:00-15:10	7000871 Response Of Microbial Interactions In Hybrid Biofilm System With Low Organic Loading To Micropollutant Removal <i>Gulsum Emel Zengin Balci, Roya Dadkhah, Dilsad Soylu, Ilke Pala-Ozkok, Didem Güven, Goksin Ozyildiz, Berkay Ucan, Güçlü Insel, Emine Çoğgör</i>
	15:10-15:20	6954187 Microbial Inactivation Using TiO ₂ /Cu Fabricated Sheets For Sustainable Water Reuse In Irrigation System <i>Sovannalaksmy Sorn, Chiren Matsumoto, Shuta Nakagawa, Akihiko Chikamatsu, Masao Ito, Youhei Nomura, Taku Fujiwara, Shuji Fukahori, Masuru Ihara</i>
	15:20-15:30	6979085 Electric Field-Driven Simultaneous Nitritation-Denitritation: Optimization Of Electron Acceptor <i>Mythili Divya M, Young Chae Song, Seong-Wook Oa, Keup-Tae Kim</i>
	15:30-15:40	6844432 Valorisation Of Vinasse To Single Cell Protein Via Two-stage Acidogenic And Aerobic Fermentations <i>Hatice Taspinar Demir, U. Cem Derman, Mustafa Turker</i>
	15:40-15:50	6978794 Investigating Anaerobic Degradation Of Deproteinized Natural Rubber Wastewater Enhanced By Sodium Dodecyl Sulfate And Magnetite <i>Duc Minh Tran, Takahiro Watari, Thu Huong Nguyen, Phuong Thao Tran, Hong Dao Nguyen Pham, Masashi Hatamoto, Lan Huong Nguyen, Takashi Yamaguchi</i>
	14:30-14:40	6977316 Non-sterile Cultivation Of Chromocloris zoefingensis Using Refrigerated Secondary-treated Wastewater <i>Satoshi Akao, Yohei Matsumoto, Hideaki Nagare</i>
	14:40-14:50	6977960 Production Of Volatile Fatty Acids As Platform Value-added Products From Food Processing Residues <i>Isaac Owusu-Agyeman, Margherita Bechi, Zeynep Cetecioglu</i>
SESSION 4	14:50-15:00	6978719 An Approach To Dominant Culture Of The Microalga Haematococcus lacustris For Treatment Of Hydroponic Effluent And Value Creation <i>Hideaki Nagare, Chiharu Ishikawa, Takanori Masuda, Tan Nhut Huynh, Satoshi Akao, Yugo Takabe</i>
	15:00-15:10	6843346 Smart Control Methods For Industrial Wastewater Heat Recovery In Zambian Food Processing <i>Eleanor Mancusi-Ungaro, Madhu Krishna Murali, Aonghus McNabola</i>
	15:10-15:20	6998912 Phosphorous Recovery From Source Segregated Human Urine By Vivianite Precipitation <i>Isik Kabdasli, Nergis Dilsizoglu Akyol, Tiziana Andreoli, Goksin Ozyildiz, A. Siciliano</i>
	15:20-15:30	6842457 Establishment Of A Hybrid Electrolysis Method For Phosphorus Precipitation And Sludge Thickening <i>Yugo Takabe, Kotaro Ida</i>
	15:30-15:40	6844214 Effect Of Hydrochar And Pyrochar On Chain Elongation Process In A Novel Yeast-Bacteria Microbiome <i>X. Xu, Y. Ma, X. Li, J. Makinia</i>
	15:40-15:50	6841711 Enhancing Hydrogen And Vivianite Recovery From Waste Activated Sludge Via Electro-fermentation Assisted By Iron Anode <i>Zhihong Liu, Zhengtong Guo, Dengfei Li, Xiuping Yue, Aijuan Zhou</i>
	15:50-16:00	6954510 Valorization Of Second Cheese Whey For Lactic Acid Production Via Mixed Microbial Culture Fermentation <i>Fabiana Asunis, Luca Attene, Giorgia De Gioannis, Aldo Muntani</i>
	16:50-17:00	6977407 Modified Rice Husk Biochar For Sustainable Nitrogen Removal From Wastewater: Application Evaluation And Regional Feasibility <i>Jiayuan Ji, Yuichiro Kanematsu, Raquel Simancas, Toru Wakihara, Yasunori Kikuchi</i>
	17:00-17:10	6844261 Full-scale Study On High-rate Low Temperature Anaerobic Digestion Of Agro-food Wastewater <i>Y.C. Liu, L. M. Paulo, V. O'Flaherty</i>
	17:10-17:20	6979035 Microplastic Pollution In River Waters Used For Agricultural Irrigation And Nearby Agricultural Soils: A Field Study <i>Neval Baycan, Cumana Alpergün, Nursena Kara, Gizem Kılıç, Nefise Alyürük, Yigithan Kazanci, Orhan Gündüz</i>
SESSION 5	17:20-17:30	6842583 Study Of Antimicrobial Resistance (AMR) Contributed By Pharmaceutical Wastes Discharged Into The Aquatic Ecosystem <i>Mahenz Haneef, Shaikh Ziauddin Ahammad</i>
	17:30-17:40	6845329 Two-stage Anaerobic Digestion Process Of Orange Processing Waste "Pastazzo": Hydrogen & Methane Production And Microbial Community <i>Giuseppe Lembo, Silvia Rosa, Luca Ruggiero, Antonella Signorini, Eleonora De Santis, Elio Fantini, Loretta Daddiego, Loredana Lopez, Antonella Marone</i>
	17:40-17:50	6977848 Recycling Dam Sediment Into Soil For Antioxidant-enhanced Plants <i>Tsukasa Ito, Yuta Oike, Gaku Ishikura</i>
	17:50-18:00	6998869 Evaluation Of Biodegradable Chitosan-Alginate Hydrogels As A Controlled-Release Fertilizer For Sustainable Wheat Cultivation <i>Muhammed Furkan Aras, Selin Taskin, Sayed Ali Naziri Mehrabani, Mehmet Isik, Mehmet Emin Pasaoglu, Hilal Gubbuk, Berra Buyukucar, Ismail Kayuncu</i>
	18:00-18:10	6844638 Start-up Of A Biphasic Expanded Granular Sludge Bed Reactors For Pig Slurry Treatment And Biogas Production: A Pilot Scale Study <i>Antonio J. Aragón-Barroso, Manuel Gallardo-Altamirano, Antonio Castellano-Hinojosa, Alejandro González-Martínez, Jesús González-López, Francisco Osorio</i>
	18:10-18:20	6998944 Phosphorus Budgets Of Agriculture For An Improved Resource Efficiency (AgApp-e) <i>Tuna Dipcin, Demet Seyhan</i>

ORAL PRESENTATIONS			
	Time	Abstract ID	Abstract Title & Authors
SESSION 6	16:50-17:00	6845372	GasAbate Treatment Reduces Gaseous Emissions And Retains The Biogas And Fertiliser Potential Of Stored Pig And Cattle Manures <i>Vincent O'Flaherty, Dermot Hughes, John McGrath, Camilla Thorn, Ruairi Friel, Paul Williams, Jason Chin, Stephen Nolan, Michael McDonagh, W O'Neill</i>
	17:00-17:10	6998753	Optimization Of <i>Chlorella Vulgaris</i> Bacillus Sp. Co-culture For Enhanced Algal Biomass Production <i>Gamze Ceylan-Perver, Elahesh Mohammadiharagooz, Simge Sertgumec, Sinan Yilmaz, Duygu Mutlu, Mehmet Sadik Akca, Ece Polat, Elif Demirkan, Mahmut Altinbas</i>
	17:10-17:20	6842400	Nature-Based Solutions For Urban Heat Island Mitigation And Carbon Storage In Urban Environments <i> Md Tashedul Haque, Lee -Hyung Kim</i>
	17:20-17:30	6999837	Life Cycle Assessment Of Barley As Cattle Feed: Waste Management Strategies <i>Enes Tok, Burcin Atilgan Turkmen, Fotos Germirli Babuna, Gulen Iskender</i>
	17:30-17:40	6998587	Advanced Quantification Of Methane Emissions From An Agricultural Biogas Plant Using Inverse Dispersion Modeling <i>Clément Romand, Timothe Depelchin, Matthieu Trombetti, Caroline Bouchet</i>
	17:40-17:50	6978955	Assessing The Marine Mucilage Formation Risk In The Sea Of Marmara Using Analytical Hierarchy Process <i>Alkor Ezer, Başak Güven</i>
	17:50-18:00	6844559	A Study On Reduction Of Non-carbon Dioxide Greenhouse Gas Emissions From Pig Farm By Installing Anaerobic Digester <i>Hyajin Cho, Seong Wook Oa, Chang Soo Kim, Nak Seung Sung, Dahyun Ha, Seong Hoon Hong</i>
	18:00-18:10	6845374	Climate Change And Emerging Pollutant Toxicity On Enchytraeus Crypticus: Impact Of Rising Temperature And Dry Soil <i>Irem Öztürk Ufuk, Saadet Nur Coşkun, Ashna Waseem, Emel Topuz</i>
	18:10-18:20	6998779	Role Of Soil Organic Matter Content In Climate Change Adaptation By Regulating Terrestrial NO Emissions after floods <i>Eda Ceylan, Cemile Büyüç, İlker Akmırza, Derya Ayral Çınar</i>
SESSION 7	09:00-09:10	6997223	Effect Of Biochar On Organic Fertilizer Production From Poultry Slaughterhouse Wastewaters By Struvite Precipitation <i>Çigdem Kivilcimdan Moralı, Nisa Ayşe Çelebi, Hilal Kızılırmak, Kivim Ates, Aslı Seyhan Ciggin</i>
	09:10-09:20	6978926	Effect Of SRT On Microaerobic Activated Sludge Process For Ammonia Retention From Actual Fermentation Industrial Wastewater <i>Xinyi Zhou, Taku Fujiwara, Akihiko Terada, Tomoyuki Hori, Taira Hidaka, Fumitake Nishimura, Tomohiro Nakanishi</i>
	09:20-09:30	6978849	Modeling Nickel Impact On Enriched Nitrifying Microbial Culture Using Microbial Transition State (MTS) And Activated Sludge Model <i>Tugce Katipoglu-Yazan, Dilşad Soylu, Güçlü Insel</i>
	09:30-09:40	7010938	How Electrodes Impact Pollutant Removal And Plant Condition In Floating Treatment Wetlands <i>Joanna Strycharz, Nicole Nawrot, Karolina Matej-Lukowicz, Ewa Wojciechowska</i>
	09:40-09:50	6845003	Optimization Of Electrocoagulation Parameters For The Removal Of Ortho-phosphate And COD From Slaughterhouse Wastewater <i>Farrukh Bashheer, M Adim, M Imran Siddiqui, Hasan Rameez, LH. Faraogi</i>
	09:50-10:00	6849166	Cultivation Of Aurantiochytrium Sp. Using Pickle Seasoning Liquid Wastes And Its Repeated Utilization For Production Of Polyunsat <i>Anh Thi Nhat Tran, Radita Putradhitama Navanda, Satoshi Nakai, Toshikazu Suenaga, Wataru Nishijima, Takehiko Gotoh</i>
	10:00-10:10	6845258	Ammonium Ion Removal In Segregated Fluidized Beds: Effects Of Flow Rate And Number Of Segregated Layers <i>Gulay Arslan Cene, Elif Sayer</i>
	10:10-10:20	6815472	Algal Growth In Ion-exchange Pretreated Human Urine: Effects Of Different Coagulants On Harvesting Efficiency And Protein Content <i>Yasemin Adag, Buket Hatice Engel, Busranur Ozdere, Gamze Ceylan-Perver, Mehmet Sadik Akca, Mahmut Altinbas, Ismail Koyuncu, Huseyin Guven, Mustafa Evren Ersahin, Hale Ozgun</i>
	10:20-10:30	6978964	Co-cultivation Of Four Microalgal Species With Activated Sludge For Municipal Wastewater Treatment And Biomass Production <i>Aulia Maulana, Kazuhiro Mori, Tadashi Toyama</i>
SESSION 8	09:00-09:10	6978206	Circular Reuse Of All Components Of An Agro-industrial Effluent <i>Boudewijn Meesschaert</i>
	09:10-09:20	6978358	From Agroindustrial Residues To Hydrochar: Characterization And Energy Properties <i>Gianluigi Farru, Mana Ghaslani, Giovanna Cappai</i>
	09:20-09:30	6844053	Effect Of Magnesium Concentration On <i>Dunaliella Salina</i> Growth Using Human Urine As A Medium <i>Yasemin Adag, Hazal Gulhan, Cigdem Demirel, Mustafa Evren Ersahin, Hale Ozgun, Huseyin Guven</i>
	09:30-09:40	6845002	Quantitative Assessment Of N, P And Greenhouse Gas Emissions In Food And Water System In Japan <i>Kanami Kogure, Kaito Kitahara, Hideaki Nagare</i>
	09:40-09:50	6954703	Recovery And Characterization Of Cellulose Nanofibers From Primary Sludge: A Case Study At Kayseri Municipal Wastewater Treatment <i>Yusuf Ersoy, Ayşe Gul</i>
	09:50-10:00	6979285	Bioelectrochemical Recovery Of Saline And Nitrate-contaminated Groundwater Within A Circular Economy Approach <i>Seyedmehdi Hosseini, Sebastia Puig, Alba Ceballos-Escobedo, Alessandra Carucci, Stefano Milla</i>
	10:00-10:10	6977431	Synthesis Of Cobalt Aluminate And Usage As Catalyst In Pet Recycle <i>Ece Tunca, Enis Gul, Sefa Kemal Mandal, Fatma Tugce Senberber Dumanli, Emek Derun</i>
	10:10-10:20	6844569	Energy Potential And Environmental Assessment On Application Of Pig And Cattle Manure As Solid Fuels <i>Eun Seong Lee, Seonghoon Hong, Dahyeon Ha, Nakseung Sung, Junsoo Ha, Seong Wook Oa</i>
	11:40-11:50	6977652	Effect Of Fenton's Reagent On The Degradation And Biogas Production Potential Of Reactive 4 Dye Wastewater <i>İdil Arslan-Alatun, Gamze Varank, Cigdem Yangin-Gömeç</i>
SESSION 9	11:50-12:00	6840228	Oyster Shell Utilization For Optimization Of Aquaponics System With Local Waste Reduction <i>Daisuke Tanikawa, Chisa Ishihara</i>
	12:00-12:10	6845147	Degradation Of Diclofenac From Aqueous Solution By Electro-oxidation Using Different Anode Materials <i>Narmin Garazade, Hilal İlhan, Gulay Arslan Cene, Emine Can Güven, Senem Yazici Guvenc, Gamze Varank</i>
	12:10-12:20	6978909	Conventional Activated Sludge With Ultrafiltration Vs Living Membrane Bioreactor Systems: A Comprehensive Comparison <i>Dilşad Soylu, Antonio Mineo, Marika Carnes, Vincenzo Naddeo, Jie Jiang, Giorgio Mannina</i>
	12:20-12:30	6955611	Selective Nickel Recovery From PCBs Through Biomineralization Induced By Biogranules <i>Rabia Kanakci, Yusuf Çağatay Erşan, Kadir Şekerciöğlu, Murat Pekcan</i>
	12:30-12:40	6979160	Anaerobic Treatment Of Slaughterhouse Wastewater For Pollution Reduction And Biogas Production In Rwanda <i>Valens Habimana, Jean Chrisostome Ufintima, Antoine Nsabimana, Gunaratna Kuttuva Rajarao</i>
	12:40-12:50	6844407	A Sustainable Approach To The Treatment Of Textile Reverse Osmosis Concentrate Using The Photo-Fenton Process <i>Gamze Canbakal, Oyku Nur Ersoy, Gulay Arslan Cene, Senem Yazici Guvenc, Emine Can Guven, Gamze Varank</i>
	11:40-11:50	6841079	A Zero-waste Strategy For Effluent Remediation And Beneficiation In Small Wineries <i>Pamela Welz, Gareth Holtman, Rainer Haldenwang, Walusungu Kaira</i>
	11:50-12:00	6978085	Energy Assessment Of A Novel Biorefinery Concept To Recover Biofuel And Biomethane From Food Waste <i>Ewa Zaborowska, Hubert Byliński, Sylwia Fudala-Książek</i>
	12:00-12:10	7001390	Economic Analysis Of Highly Saline Pickle Brine Waste Into Polyhydroxyalkanoate Production By Mixed Microbial Culture <i>Gülşüm Emel Zengin, Emine Cokgor, Nevin Yagci, Hakan Dulkadiroğlu, Goksin Ozyildiz, Didem Guven, Güçlü Insel</i>
SESSION 10	12:10-12:20	6841392	A Water Circularity Index For Agro-industries Products <i>Geneve Farabegoli, Anabela Rebelo</i>
	12:20-12:30	6845425	Evaluation Of Enzymatic Pre-treatment Coupled With Expanded Granular Sludge Bed Reactor (EGSBR) For Dairy Wastewater Remediation <i>Moses Basitere, Jyestha Ramsuroop, Rishay Moodley, Malibongwe Manono</i>
	12:30-12:40	6978829	Removal Of Ammonia/ammonium Ions By Ozone In Bromide-containing Artificial Seawater For Recirculating Aquaculture Systems (RAS) <i>Tadao Mizuno, Aoi Miyake, Yuu Sumita, Tetsumi Ochi</i>
	12:40-12:50	6998683	Microalgae-Based Nitrogen Removal Form Swine Wastewater Treatment <i>Pattaraporn Kunapangkitti, Papiitchaya Srithep</i>
	12:50-13:00	6998371	Unlocking Bioenergy Pathways From Crop Residue And Manure In Türkiye To Support Circularity Within The Water-Energy-Food Nexus <i>Ece Demir, Emre Alp</i>
	15:00-15:10	6980021	Nature-based Solutions For Agricultural Runoff Management - Impact On Water Quantity And Quality <i>S. Lavrić, G. Mancuso, F. Chioggia, F. Cavazza, E. Michelini, F. Valenti, M.M. Calabretta, R. Zuccaro, A. Toscano</i>
	15:10-15:20	6978753	Concept Of A Cascade Hydroponic System Contributing To Nitrogen Circulation And Circular Economy In Greenhouse Horticulture <i>Taku Fujiwara, Masaru Ihara, Youhei Nomura, Shuji Fukahori, Daisuke Kazaki, Yuki Sago, Daisuke Yasutake, Ayumu Onda, Masanori Hiraoka, Hideaki Nagare, Satoshi Akao</i>
	15:20-15:30	6718095	Assessment Of An Innovative Water Resource Recovery Plant Configuration In Accordance With The Biorefinery Concept <i>Özlem Karahan Özgün, Seferhan Yilmaz</i>
	15:30-15:40	6998581	Advanced Biofiltration For Odor And VOC Removal In Solid Waste Facilities: Media Innovation And Field Results <i>Mahdi Jemel, Clément Romand, Arantxa Bombal Rodríguez</i>
SESSION 11	15:40-15:50	6845185	Development Of A GIS Tool For Assessing Nitrate Contamination Risk In Groundwater: Gediz Basin Case Study <i>Cihangir Aydoğan, İrfan Uycubalı, Şebnem Aynur Koyunluoğlu, Yusuf Kurucu, Bihter Çolak Esetilli, Tolga Esetilli, Yusuf Gürbüz, Orhan Sezgin, İpek Özenc, Pınar Hışır</i>
	15:50-16:00	7004336	Innovative Biofilter Design With OPEFB-Activated Carbon For Sustainable Tofu Wastewater Treatment <i>Sri Subartini, Alya Vinurla, Nimas Mayang Sabrina Sunyoto, Andhika Putra Agus Pratama, Novita Ainur Rohma, Ika Atsari Dewi, Widya Fatriasari, Young Hoon Jung, Lynsey Melville</i>
	16:00-16:10	6954445	Agricultural Irrigation Water And Struvite Recovery From AnMF-OMBR And UASB MF-OMBR Systems <i>Sumeyye Hasanoglu, Dilara Akyildiz, İknur Yalcin Guney, Zeren Beril Gonder, Gulsum Yilmaz, İda Vergili, Coskun Aydinler, Yosemin Kaya</i>
	16:10-16:20	6999014	Estimation Of The Pollutant Load From Livestock Runoff In Arid Region <i>Monica Perez-Sane, Jaime Lara-Borrero</i>

ORAL PRESENTATIONS		
Time	Abstract ID	Abstract Title & Authors
SESSION 12	15:00-15:10	Seasonal Variation Of Microplastics In Wastewater Treatment Plant Sludges And Implications For Agricultural Use <i>Nimitha Charan, Banu Ormeci</i>
	15:10-15:20	Stepwise Temperature Shift From Mesophilic To Thermotolerant Enhances Microbial Adaptation And Biogas Production <i>Tsuyoshi Imai, Gede Adi Wiguna Sudiartha</i>
	15:20-15:30	Application Of Artificial Intelligence To Sludge Dewatering For The Optimization Of Flocculant Dosage <i>Pengzhe SUI, Junta Takahashi, Santisak Kitjanukit, Yasuko Shinjo, Kazuki Shimamura</i>
	15:30-15:40	Thermochemical Processes As An Alternative To Conventional Sludge Management Practices: A Life Cycle Assessment Study <i>M. Mainardis, F. Gievers, A. Catenacci, A. Loewen, D. Goi, M. Nelles</i>
	15:40-15:50	Searching For A Method Of Sewage Sludge Pretreatment To Improve The Efficiency Of The Anaerobic Digestion Process <i>Katarzyna Sytek-Szmeichel, Justyna Walczak, Monika Żubrowska-Sudol</i>
	15:50-16:00	Hydrothermal Liquefaction Of Biological Nutrient Removal Sludge: Bio-crude Oil Production And By-Product Valorization <i>Farid Alizad Oghynous, Cigdem Eskicioglu</i>
	16:00-16:10	Investigation On Behavioral Adaptation Of Methanogens In The Thermotolerant Range Around 45 °C <i>Riho Takahashi, Tsuyoshi Imai</i>
	16:10-16:20	Enhancing Methane Recovery From Recirculating Aquaculture System Sludge Under Salinity Stress Using Biochar And Zeolite <i>Abdullah Bugra Senol, Linn Solli, Wietske Annechien Stel, John Marken, Nazli Pelin Kocatürk Schumacher</i>
SESSION 13	17:00-17:10	How Can Anaerobic Digestion Of Agricultural Wastes Contribute To Mitigating Renewable Energy Variability? <i>Taira Hidaka, Masato Nakamura, Shuh Matsuda, Fumiko Oritate, Mutsumi Fujita</i>
	17:10-17:20	Impact Of Sludge Age On Nitrification And Carbon Removal In A Membrane Bioreactor Treating Textile Wastewater <i>Tulay Yilmaz, Emine Cokgor, Emir Kasim Demir, Gulferm Asik, Senem Teksoy Basaran, Seval Sozen, Erkan Sahinkaya</i>
	17:20-17:30	A Combined Fate And Effect Study To Explore The Impact Of Wastewater Derived Human Pharmaceuticals On Soil Gas Emissions <i>Laura Carter, Namin Garazade, John Nightingale, Andrea Garduño Jiménez, Santiago Clerici, Paul Kay, David Ashley</i>
	17:30-17:40	Water Quality Impacts Of Hydroponic Farm Effluent In Receiving Water Bodies <i>Eun Seong Lee, Changsoo Kim, Jungwoo Son, Junsoo Ho, Seong Wook Oa</i>
	17:40-17:50	Transition Toward Quaternary Treatments: Innovative Living Membrane Bioreactor For Microplastic Removal <i>Marika Carnesi, Antonio Mineo, Vincenzo Naddeo, Antonio Palumbo Piccionello, Carla Rizzo, Giorgio Mannina</i>
	17:50-18:00	Techno-Economic Analysis Of An Integrated ABE Fermentation And Microalgae Technology For Valorization Of Cheese Whey <i>Michael Hananta Utomo, Recep Kaan Dereli, Ronald Halim</i>
	18:00-18:10	Full-scale Cultivation Of Macroalga Ulva Prolifera Using Hydroponic Effluent <i>Yuuhei Nomura, Masanori Hiraoka, Taku Fujiwara</i>
	18:10-18:20	Acute Impact Of SMX, TET, And ERY ON Enriched Nitrifying System Kinetics: A Comparison With Mixed Microbial Culture <i>Tugce Katipoglu-Yazan, Emine Ubay-Cokgor, Derin Orhon</i>
SESSION 14	18:20-18:30	Real-time Control Of The Fate Of Micropollutants During Advanced Oxidation Processes (AOPs) Employed For Wastewater Reuse <i>Luigi Marino, Erica Gagliano, Domenico Santoro, Paolo Roccara</i>
	17:00-17:10	Enhanced Carboxylic Acids Conversion From Waste Activated Sludge Fermentation Via Sulfate Reduction-mediated Syntrophic Consortia <i>Aijuan Zhou, Yaxin Fan, Hongyan Liu, Xiuping Yue</i>
	17:10-17:20	Mining Biobutanol As Sustainable Biofuels From Bakery Waste <i>Guandong Su, Chen Zhong</i>
	17:20-17:30	Enhanced Biogas Production Through Anaerobic Co-digestion Of Chicken And Cattle Manure: A Synergistic Approach <i>Luxin Xu, Zhixuan Yin, Jinxuan Tian, Meng Liu, Changqing Liu</i>
	17:30-17:40	Dynamics Of Syntrophic Microbial Communities Under Stepwise Increase Of Salinity In Treating Different Agro-industrial Wastewaters <i>N Hidayah, B Suraraksa, W Sukson, N Boonapatcharaen, V Kongduan, J Ainthaklai, D Phalaphol, N Aekkawatchai, O Loopitinan, C Waewsk</i>
	17:40-17:50	Sustainable Biosynthesis Of Caproate From Waste Activated Sludge Via Electro-fermentation <i>Dengfei Li, Shuanglan Cheng, Zhihang Liu, Aijuan Zhou, Xiuping Yue</i>
	17:50-18:00	Harnessing Surplus Renewable Energy: Co-Digestion And Hydrogen Injection In The BSM2 Model <i>Saba Aghdam Tabar, Usman Safder, Sarah Catterill, Recep Kaan Dereli</i>
	18:00-18:10	Harvesting Microalgae <i>Chlorella Sorokiniana</i> By Dual-Polymer Flocculation With Chitosan And Sodium Polyacrylate <i>Akiko Yonezawa, Ryosuke Hamma, Tao Wang, Tetsuya Yamamoto, Masaki Takaoka, Kazuyuki Oshita, Hideki Kanda</i>
SESSION 15	18:10-18:20	Interactions And Contributions Of Bio-Anode, Bio-Cathode, And Suspension In Hybrid MEC-AD Systems <i>Xue-Ting Wang, Chuan Chen</i>
	18:20-18:30	Improving Swine Manure Treatment Performance With Cow Manure Biochar: Focus On Nitrification, Denitrification, And Composting <i>Jeon Jae Ock, Hyo Jin Cho, Changsoo Kim, Jungwoo Son, Seong Wook Oa</i>
	09:00-09:10	Challenges In Developing Industrial Water Management Strategies For Metropolises With Agro-industries: Case Of Istanbul <i>Fatos Germirli Babuna, Ayse Gül Tanik, Omer Lutfi Sen, Gokhan Cuceoglu, Guclu Insel, Turker Turken, Elif Zeynep Deneri, Serra Selin Over, Cansu Delibas, Erbil Buyukbay, Izzet Ozturk</i>
	09:10-09:20	Structural And Morphological Characterization Of ZnO Nanoparticles Synthesized Via Pistia Stratiotes Extract <i>Radin Maya Saphira binti Radin Mohamed, Palesly Binius, Nurul Atikah binti Heshammuddin</i>
	09:20-09:30	Utilizing Agro-Waste For Sustainable Construction Materials And Retrofitting Strategies <i>Firdevs Sezer, Burcin Atilgan Turkmen, Fatos Germirli Babuna</i>
	09:30-09:40	Novel Circular Utilization Of Agricultural Waste: From Rice Straw And Livestock Manure To Single Cell Protein Feed <i>Tianxiang Xu, Yui Kazuta, Megumi Kuroiwa, Shohei Riya, Akihiko Terada</i>
	09:40-09:50	Comparative Analysis Of Anaerobic Sludge Digestion In Conventional And High-Rate Activated Sludge Systems <i>Ali Tamer Cetinkaya, Goksin Ozyildiz, Nergis Dilisizoglu Akyol, Emine Cokgor, Guclu Insel</i>
	09:50-10:00	Impact Of Pig Farming On The Groundwater Environment From Long-term Observation Data And Its Improvement <i>Tomijiro Kubota, Hidemi Wakikado, Ichiro Uezono, Masato Katsuda, Shoichi Tanaka</i>
SESSION 16	10:00-10:10	Hydrological Calculations And Storage Of Polluted Surface Runoff In Livestock Barns: Lagoon Sizing <i>Nazli Soyilemez, Ünal Kızı</i>
	10:10-10:20	Life Cycle Assessment Of Fresh And Dried Apricot Production <i>Seda Hatun Uluzlu, Burcin Atilgan Turkmen, Fatos Germirli Babuna</i>
	10:20-10:30	Enhanced Biomass Production By Co-culturing <i>Chlamydomonas Reinhardtii</i> And Growth-promoting Bacteria <i>Yuge Bai, Kazuhiro Mori, Yasuhiro Tanaka, Tadashi Toyama</i>
	10:30-10:40	Peroxi-coagulation Process As An Effective Treatment For Textile Industry Wastewater: Optimization, Biodegradability And Cost <i>Beysa Balıkcıoglu, İrem Özen, Senem Yazıcı Güvenc, Emine Can Güven, Gamze Varank</i>
	10:40-10:50	Environmental Sustainability Of Artichoke Canning With Nutritional Perspective <i>Hulya Sahin Akkurt, Bilge Bas, Gulen Iskender, Fatos Germirli Babuna</i>
	11:30-11:40	Anaerobic Digestion Of Oil Palm Empty Fruit Bunches: Effect Of Biological pre-treatment <i>Sri Suhartini, Navita Ainur Rahma, Irmia Nurika, Efri Mardawati, Kasbawati Kasbawati, Lynsey Melville, Syazwani Idrus</i>
	11:40-11:50	Evaluation Of Capacity Utilization For Agricultural Waste Biogas Plants In Türkiye <i>Ahmet Musluoglu, Serra Selin Övez, Kadir Özçelik, Elif Maçın, Muhammad Waqas, Recep Kaan Dereli, Osman Atilla Ankan</i>
	11:50-12:00	Transforming Oil Palm Empty Fruit Bunches (OPEFBs) Into Sustainable Membranes For Microbial Fuel Cells <i>Sri Suhartini, Andhika Putra Agus Pratama, Muhammad Alim Perdana, Navita Ainur Rahma, Ioannis Ieropoulos, Nur Hidayat, Widya Fatrisari, Young Haon Jung, Ika Atsari Dewi, Lynsey Melville</i>
SESSION 16	12:00-12:10	Anaerobic Digestion Of Lignocellulosic Waste: Effects Of Pre-treatment On Performance, Microbial Dynamics And Economic Viability <i>İrem Güven Beyaz, Bahar Ince, Omer Uzun, Canberk Kazancı, Orhan Ince</i>
	12:10-12:20	Upcycling Black Chokeberry (<i>Aronia Melanocarpa</i>) Pomace Into Functional Nanofibers Using Electrospinning: An Under Eye Patch <i>Rukiye Yigit, Büsra Yusufoglu, Filiz Altay</i>

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6772454	Sustainable Bio-oil Production From Jatropha Plant In India <i>S. Sharma</i>
6821726	Analysis OF PFASs In Wastewater Treatment Plant Effluents Using Ion Mobility Spectrometry - Mass Spectrometry <i>Hyeyin Yun, Jeonghoon Park, Kyung-Duk Zoh</i>
6841732	Anaerobic Digestion Of Sludge And Agricultural Processing Residues In Small-scale Wastewater Treatment Plants <i>Masato Nakamura, Shibata Hirohiko, Fumiko Oritate, Noriyuki Kamachi</i>
6841755	Enhanced Short Chain Fatty Acid Production Assisted By Nitrate Photolysis During Sludge Fermentation <i>Xiuping Yue, Yun Lu, Zhihong Liu, Dengfei Li, Aijuan Zhou</i>
6842488	Applicability Of Bivalve Shells To Electrochemical Systems For Enhancing Phosphorus Precipitation <i>Tatsuaki Satoh, Yugo Takabe, Fumitake Nishimura</i>
6843286	Estimation Of Discharge Amount And Water Quality Analysis After Using Water Curtain Water In Greenhouse Complexes In South Korea <i>Sang Min Kim, Seoyoung Lee</i>
6843500	Exploring Polyphenol Content In Olive Leaf Waste: Effect Of Geographical, Seasonal, And Varietal Differences <i>Aina Mir-Cerdà, Raúl García-García, Mercè Granados, Sonia Sentellas, Javier Saurina</i>
6843583	Innovative Food Packaging: Active Films From Alginate/Cellulose Nanofibers With Olive Leaf NADES Extracts <i>Aina Mir-Cerdà, Sonia Sentellas, Javier Saurina, Yeni A. Paredes-Padilla, Sergio Benavides, Miryams Millán-Fritz, Rodrigo Segura, Patricia Castaño, Gustavo Cabrera-Barjas</i>
6843986	Comparative RNA/DNA Analysis Of The Impact Of Influent Microorganisms On MBR-Activated Sludge <i>H. Higuchi, S. Terada, S. Nagatsuma, C. Kudou, T. Watari, T. Yamaguchi, M. Hatama-to</i>
6843992	Distribution Of GHG Emissions From Production To Wastewater Treatment Process Of Natural Rubber Products In Vietnam <i>Hong Dao Nguyen Pham, Takahiro Watari, Nhu Nguyet Phan, Minh Duc Tran, Lan Huong Nguyen, Masashi Hatamoto, Kazuaki Syutsubo, Takashi Yamaguchi</i>
6844043	Improvement Of Sewage Sludge Fertilizer Quality Through Co-Digestion With Tofu Residue <i>Taketo Tagari, Norihisa Matsuo, Taira Hidaka, Ryoka Yamamoto-Ikemoto</i>
6844199	Optimized Photocatalytic Degradation Of Congo Red Using ZnO And LaO Nanoparticles Synthesized With Laurel Extracts <i>Meriem Zamouche, Sabrina Mechat, Ferial Djemaa, Deneche Lina Loudjine, Chahinez Kadri, Hichem Tahraoui</i>
6844213	Sustainable Recovery Of 3-hydroxytyrosol From Olive Oil Waste Using Flash Chromatography <i>Adrià Perez-Amor, Ruben Titos, Monica Reig, Jose L. Cortina, Javier Saurina, Jose L. Beltran, Mercè Granados, Sonia Sentellas</i>
6844307	Circular Bioeconomy: Recovery Of Bioactive Compounds From Hop Leaves <i>Pau Lorente, Oscar Nuñez, Mercè Granados, Javier Saurina, Sonia Sentellas</i>
6844309	Predicting The Biogas Production In An Electrical Voltage-applied Reactor Using Real-time data Monitoring And Deep Learning <i>Ali Ashraf Jalaiei, Om Prakash, Masoud Makian, Mahamad Ali Mohit, Sun Yoon, Hyeon Jun Ra, Dong-Hoon Kim</i>
6844472	Optimization Of Bioactive Compound Extraction From Cocoa Bean Shell Using Green Solvents <i>SK Fahim Tahmid Boni, Sonia Sentellas, Javier Saurina</i>
6844491	A Sustainable Approach To Enhance Water Reuse In A Closed RAS Bred With <i>Clarias Gariepinus</i> Using A Biological DHS System <i>Nur Adlin, Norfariza Ab Wahab, Nurul Farha Lokman, Ahmad Zaid Arshad, Muhammad Naim Badaruddin, Suhaila Mohd Najib, Samadhi Wandana, Takahiro Watari, Takashi Yamaguchi</i>
6844538	Optimizing Water Circulation Cycle And Increasing The Efficiency Of Wastewater Treatment Process In Fertilizer Production <i>Irina Pochtaikina, Aleksander Artamonov, Anastasia Meshalkina</i>
6844541	Characteristics Of Antibiotics And Microbial Changes In Constructed Wetlands For Livestock Wastewater Treatment <i>Yuyoung Oh, Miguel Enrico Rables, Marvin John Uy, Leehyung Kim</i>
6844552	Non Extractable Phenolic Compounds In Olive Leaves: Assessing Hydrolysis Methods <i>Paulina Tapia-Quiros, Aina Mir-Cerdà, Mercè Granados, Sonia Sentellas, Javier Saurina</i>
6845058	Agricultural Non-point Source Pollution Control Using Agro-waste-derived Biochar And Its Carbon Emission Reduction Benefit <i>Yo-Zhen Huang, Chihhsia Fan</i>
6845227	Performance Enhancement Of A Rotary Atomizer-Based Humidification System For Improved Seawater Desalination <i>V. I. Manikanta Rankireddy, Durgalal Meghwal, Nandhakumar Pandurangan, Srikrishna Sahu</i>
6845811	Evaluation Of Grape Seeds As A Waste Of The Winemaking Industry <i>Vugar Salimov, Elshan Jafarguliyev</i>
6889770	Nitrogen Mineralization Modeling Of Sewage Sludge Fertilizers With Acid Detergent Soluble Organic Nitrogen Analysis <i>Hirotsuka Ihara, Masato Nakamura, Fumiko Oritate, Mutsumi Fujita, Toyohisa Miyamoto, Keita Takahashi, Taira Hidaka</i>
6941068	Utilization Of Agricultural Waste In The Development Of Sustainable Bio-composite Brake Pads: An Experimental Study On Eco-Friendl <i>Abdulkadir Unal</i>
6954543	Downflow Hanging Sponge (DHS) Reactor With Immobilized Biochar For Complete Nitrogen Removal In Recirculated Aquaculture System <i>Samadhi Wandana, Nur Nur, Takahiro Watari, Masashi Hatamoto, Takashi Yamaguchi</i>
6955571	Influence Of Acid Fermentation Liquid Compositions On PHBV Production By Waste Activated Sludge-derived Mixed Microbial Culture <i>Daisuke Inoue, Shunsuke Hirai, Akihide Sugawara, Yasunao Okamoto, Gen Yoshida, Michihika Ike</i>
6955585	Potential Valorizations Of Brewery By-Products For Food Packaging Materials <i>Buse Sezer, Gurbuz Gunes</i>
6977504	Real-time Monitoring And Data-driven Modeling Of Greenhouse Gas Emissions From Horticultural Soil <i>Morihiro Maeda, Miyu Sazuka, Wataru Shiraishi, Makito Mori, Daisuke Yasutake, Satoshi Akao, Taku Fujiwara</i>
6978433	Innovative Approaches To Agrofood Biowaste Digestion For Energy Recovery Maximization <i>Andrea Capodaglio, Brice F. Kana, Arianna Callegari</i>
6978791	Organic Load-driven Correlations Of Microbes, Elements And Chemicals In Anaerobic Digester Revealed By Bayesian Network <i>Masahiro Hanjo, Tama Aoyagi, Tomoyuki Hori</i>
6978807	Development Of A Process For Production Of A Bacterial Consortium As Efficient, Untoxic And Biodegradable Flocculant For Sludge <i>Vreuls Christelle, Quinting Birgit, Gennaux Christian</i>
6978942	Optimization Of The Recovery Conditions For PN/A In A Laboratory-scale Granular Sequencing Batch Reactor <i>H. Al-Hazmi, X. Lu, J. Majtacz, P. Kowal, J. Mąkinia</i>

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6979006	Effective Start-up Of Microaerobic Activated Sludge Process To Convert Nitrogen Components In Industrial Wastewater To Ammonia <i>Kenjo Mamiuchi, Tama Aoyagi, Takuma Suzuki, Tomoyuki Hori, Hidehira Sugiura</i>
6979058	Neutralizer Selection And Excess Sludge Utilization In Microaerobic Activated Sludge System To Convert Wastewater Nitrogen to NH ₄ ⁺ <i>Tama Aoyagi, Akihiko Terada, Tomoyuki Hori</i>
6997960	Activated Carbons From Baru (Dipteryx Alata Vog) Waste Impregnated With Copper Oxide: Application In The Post-harvest Preservation <i>Hector Valdes, Ana Carolina de Jesus Oliveira, Tatianne Ferreira de Oliveira</i>
6998121	Utilization Of Pomace Waste For Sustainable DHA Production Via Unsterile Cultivation Of <i>Aurantiochytrium</i> Sp. L3W <i>Brilian Pamungkas, Gen Sasaki, Satoshi Nakai, Toshikazu Suenaga, Takehiko Gotoh, Wataru Nishijima</i>
6998174	Amberpet STP, Hyderabad: Asia's Largest UASB-Based Sewage Treatment Plant Pioneering Sustainable Wastewater Management And Energy <i>Aadhi Naresht, K. Chandrakala, G. Rameshwar Rao, Mane SR Rohith</i>
6998486	Managing Manganese (Mn) Content In Safe Drinking Water Source At Demodara Water Supply Scheme, Badulla – Uva Province In Sri Lanka <i>Kumuduni Hotiyaldeniya</i>
6998518	Adaptive Agroforestry: Mitigating Climate Change Impacts In Different Climate Conditions In Iran <i>Sajad Ghanbari</i>
6998677	Utilization Of Sewage Sludge In Agricultural Soils: Opportunities, Challenges, And Safety Considerations <i>Ali Akbar Ghazali, Masoud Alavian Sadr, Masoud Bagherzadeh Karimi, Behnam Ahadi, Hesam Janani</i>
6998681	A Data-Driven Approach To Crop Residue Valorization: Machine Learning And Life Cycle Assessment For Sustainable Biochar Feedstock <i>Renuka Verna, Tanishk Saha, Kirtika Singh</i>
6998724	High Value-Added Technologies For Biofertilizer Derived From Dairy Manure <i>Anju Urabe, Masahiro Takumura, Yoshino Kawashima, Naoyoshi Komuro, Keiji Wakabayashi, Masakazu Makino</i>
6998736	Environmental Risk Screening Of Recycled Plastics Using A Quantitative Non-Targeted Analytical Approach <i>Takashi Onodera, Yoshiyuki Takahashi, Kazuya Nishina, Ryuichi Hirata, Joseph Walli, Frankie Kiew, Guan Wong, Lulle Melling</i>
6998775	Lactic Acid And PLA Bioplastic Production From Sustainable Substrates By <i>Lactobacillus Acidophilus</i> <i>Duygu Mutlu, Seymen Guzelordu, Taha Burhan Oker, Fikret Dogac Gundogdu, Ece Polat, Mahmut Altinbas</i>
6998789	Kinetic Evaluation Of Acute And Chronic Impact Of Bisphenols On Activated Sludge Systems Using Respirometry <i>Mathias Sandvik, Iike Palo-Ozok</i>
6998800	Changes In Water Quality And Greenhouse Gas Emissions In A Pond System For Treatment Of Palm Oil Mill Effluent (POME) <i>Takashi Onodera, Yoshiyuki Takahashi, Kazuya Nishina, Ryuichi Hirata, Joseph Walli, Frankie Kiew, Guan Wong, Lulle Melling</i>
6998811	Production Of Polyunsaturated Fatty Acids By Culturing A Thraustochytrid Using A Brown Alga <i>Sargassum</i> <i>Miki Hatanaka, Satoshi Nakai, Anh Thi Nhat Tran, Toshikazu Suenaga, Takehiko Gotoh, Wataru Nishijima, Hironichi Suzuki</i>
6998909	Development Of Strategies To Monitor The Health Of Anaerobic Digester: Effect Of Ammonia Toxicity <i>Khadeja Parveen Kallarakkal, Shaikh Ziauddin Ahammad, T R Sreerishnan</i>
6998928	Simultaneous Nitrification And Denitrification Driven Nitrogen And Organics Removal By Employing Micro-aeration In UASB Reactor <i>Aaqib Ashraf Sheikh, Mohammad Ishteyaaque Ahmad, Farooq Ahmad Wani, Vikar Ahmed, Qazi Mohd. Rizwanul Haq, Abid Ali Khan</i>
6998961	Transforming Bactris Gasipaes Seeds Into Activated Carbon For Ibuprofen Removal In Colombian Surface Waters <i>Luis Angel, Audrey Villot, Manuel Rodriguez Susa, Jaime Plazas-Tuttle, Yves Andres, Claire Gerente</i>
6998963	Microbial Electro-Bioplatfroms For Clean Water And Energy: Bioelectrochemical Systems Targeting Microplastics And Pollution <i>Efe Sefa Degimenci, Ruveyda Gulsen Sadauki, Ozlem Simsek</i>
6998991	Calorific Value Of Pellets Produced From Baru (Dipteryx Alata Vog.) Waste <i>Efe Sefa Degimenci, Ruveyda Gulsen Sadauki, Ozlem Simsek</i>
6999009	Dynamics Of Operational Parameters In Aerobic Biodigestion Of Baru (Dipteryx Alata Vog.) Waste <i>Flavia Alves Da Silva, Zamira Abel de Jesus Maria, Ana Carolina de Jesus Oliveira, Fernando Pereira de Sá, Tatianne Ferreira de Oliveira</i>
6999892	Uncertainty Analysis In The Measurement Of Nitrification Kinetics In Urban Wastewater Treatment Plants <i>Berker Leblebici, Güçlü Insel, Didem Güven, Tuğçe Katipoğlu Yazan, Emine Çökçör</i>
6999850	Environmental Burdens Of Potato Cultivation <i>Enes Tok, Burcin Atilgan Turkmen, Fotos Germirli Babuna, Gulen Iskender</i>
7000168	Environmental Sustainability Of Reactive Dye Containing Textile Wastewater Treatment Through Peroxide-Assisted Ozonation <i>Kubra Dagan, Burcin Atilgan Turkmen, Idil Arslan Alaton, Fotos Germirli Babuna</i>
7001352	Modeling Biogas Production From High-Rate Activated Sludge System Treatment Sludge <i>Yesim Askin, Teyhide Erusta, Serife Korpe, Ayca Ozyaz, Büsra Yesilyurt, Seferhan Yilmaz, Özlem Karahan Özgün</i>
7001370	From Wastewater To Value: Phosphorus Recovery In The Circular Economy <i>Yagmur Nazdar Kacmaz, Canberk Diler, Ilkim Gürel, Kaan Deniz Ece, Seferhan Yilmaz, Özlem Karahan Özgün</i>
7004309	GIS-based Assessment Of Agricultural Waste And By-products To Enhance The Water-Energy Nexus In Rural Mozambique <i>Francesca Valenti, Giuseppe Mancuso, Emanuele Spizziri, Attilio Toscano</i>
7010819	Exploring Phosphorus Retention, Transformation And Bioavailability In Biochar Produced From Microalgae <i>Shahista Farheen, Purnendu Bose</i>
7012098	PHA Production From Waste Activated Sludge Using Mixed Microbial Cultures Integrated With High-Rate Activated Sludge Systems <i>Öykü Yesilbas, Yaren Ergezen, Seferhan Yilmaz, Özlem Karahan Özgün</i>
7015105	Facile Preparation Of Carbon-modified Magnetic Nanoparticle Derived From Iron Sludge For Removal Of Organic Matter In Wastewater <i>Huiping Zeng, Dong Li</i>
7015408	As(V) Removal By Starch-coated Magnetite Nano-adsorbent Based On Waste Iron Sludge <i>Dong Li, Huiping Zeng</i>
7032001	Sustainable Biogas Production From Macrophytes In The Era Of The Green Transition <i>Emine Gözde Özbayram, Dilek Özyurt, Latife Köker, Tunahan Özdemir, Reyhan Akçaalan, Meriç Albay</i>
7049861	Application Of Pumice Stone Waste As Biofilm Carrier In MBBR Systems: Impacts On Wastewater Treatment And Color Removal In The Denim Industry <i>Berrak Torusdag, Gökcin Özyıldız, Derin Orhon, Seval Sozen</i>