

PROGRAM AT A GLANCE

Tentative program schedule, GMT+8 (Taiwan time)

Time (GMT+8)	Program			
08:30 - 09:00	Registration (5F, A conference hall -Da-Ren Building)			
09:00 - 09:10	Opening Ceremony Welcome Speech by Prof. Chitsan Lin National Kaohsiung University of Science and Technology, Taiwan			
09:10 - 09:20	About EQC³ Conference Prof. Ming Chun Lu National Chung Hsing University, Taiwan			
09:20 - 09:40	1st Plenary Speech, Prof. Changha Lee <i>Topic: Prediction of Micropollutant Abatement during Ozonation: From Lab to Field</i> Seoul National University, Republic of Korea			
09:40 -10:00	2nd Plenary Speech, Prof. Chia-Hung Hou <i>Topic:Recent advances in capacitive deionization technology</i> National Taiwan University, Taiwan			
10:00 – 10:30	Group Photo/Coffee Break			
10:30	Oral Presentation Program (20 min for session keynote speaker & 15 min for oral presentation, including Q/A)			
10:30 - 12:05	Session A-1 (2F, Da-Hsin Building)	Session A-2 (3F, Da-Hsin Building)	Session A-3 (4F, Da-Hsin Building)	Session A-4 (5F, Da-Hsin Building)
	EQC-22-075	EQC-22-014	EQC-22-019	EQC-22-022
	EQC-22-060	EQC-22-007	EQC-22-066	EQC-22-036
	EQC-22-065	EQC-22-001	EQC-22-068	EQC-22-038
	EQC-22-042	EQC-22-037	EQC-22-070	EQC-22-062
	EQC-22-029	EQC-22-039	EQC-22-048	EQC-22-055
	EQC-22-002	EQC-22-041	EQC-22-033	EQC-22-057

Time (GMT+8)	Program			
12:05 - 13:15	Lunch (2F & 5F, <i>meeting room - Da-Hsin Building</i>)			
13:15 - 14:50	Session B-1 (2F, Da-Hsin Building)	Session B-2 (3F, Da-Hsin Building)	Session B-3 (4F, Da-Hsin Building)	Session B-4 (5F, Da-Hsin Building)
	EQC-22-020	EQC-22-013	EQC-22-026	EQC-22-027
	EQC-22-054	EQC-22-011	EQC-22-074	EQC-22-069
	EQC-22-035	EQC-22-045	EQC-22-064	EQC-22-052
	EQC-22-025	EQC-22-046	EQC-22-021	EQC-22-071
	EQC-22-030	EQC-22-067	EQC-22-028	EQC-22-032
	EQC-22-017	EQC-22-058	EQC-22-049	EQC-22-061
14:50 - 15:10	Coffee Break/Poster Session (3F, <i>meeting room - Da-Hsin Building</i>)			
15:10 - 16:45	Session C-1 (2F, Da-Hsin Building)	Session C-2 (3F, Da-Hsin Building)	Session C-3 (4F, Da-Hsin Building)	Session C-4 (5F, Da-Hsin Building)
	EQC-22-044	EQC-22-006	EQC-22-005	EQC-22-003
	EQC-22-023	EQC-22-008	EQC-22-063	EQC-22-056
	EQC-22-072	EQC-22-009	EQC-22-050	EQC-22-016
	EQC-22-053	EQC-22-010	EQC-22-034	EQC-22-043
	EQC-22-059	EQC-22-018	EQC-22-073	EQC-22-047
	EQC-22-031	EQC-22-051	EQC-22-024	EQC-22-004
16:45 - 17:20	Closing Ceremony/to be held at A conference hall (5F, <i>Da-Ren Building</i>)			

ORAL PRESENTATION PROGRAM

Session A-1

Chair: Prof. Chih-Hsiang Liao

Co-Chair: Prof. Chitsan Lin

Time	Topic Name	EQC-No.
10:30– 10:50	Keynote speech A-1: Time Series Model Analysis on Ambient Ozone Levels at Lin-Yuan Monitoring Station, Taiwan <i>Chih-Hsiang Liao</i>	EQC-22-075 (p.97)
10:50 – 11:05	Advancing Air Quality Research by Taiwan EPA-based Data Mining: A Case Study <i>Thi-Hieu Le, Chih-Hsiang Liao, Chitsan Lin</i>	EQC-22-060 (p.81)
11:05 – 11:20	Temporal Variation of Surface Ozone at An Industrial Site in Southern Taiwan <i>Duy-Hieu Nguyen, Chih-Hsiang Liao, Chitsan Lin</i>	EQC-22-042 (p.62)
11:20 – 11:35	Analysis of air quality data with OpenAir package- A case study of Daluio station in Southern Taiwan <i>Wazir Aitizaz Ahsan, Chih-Hsiang Liao, Chitsan Lin</i>	EQC-22-065 (p.86)
11:35 – 11:50	Development of Portable IoT-Based Multi-Sensor System for Air Quality Monitoring <i>Glenda S. Guanzon, Nolan C. Tolosa , Harold G. Pescuela , Jan Rendor D. Nolasco , Vince Rommel M. Galilea</i>	EQC-22-029 (p.50)
11:50 –12:05	Short-term Solar PV Power Prediction based Deep Learning Convolutional Neural Network in Smart Solar Plant <i>Phuong Nguyen Thanh, Chao-Tsung Yeh, and Ming-Yuan Cho</i>	EQC-22-002 (p.25)
12:05 – 13:15	Lunch Time	

Time	Topic Name	EQC-No.
10:30– 10:50	Keynote speech A-2: A pilot study of textile wastewater reclamation using a Mobile Wastewater Recycling System (MWRS-SuperCycle™) <i>Frank C.H. Ni, Johnny Chiang, <u>Justin Chun-Te Lin</u></i>	EQC-22-014 (p.36)
10:50 – 11:05	Treatment of Wastewater in Sewage Treatment Plant using Photoelectro-Fenton Process <i><u>Anabella C. Vilando</u>, Delma Evita U. Beatriz, Natalie G. Carabbacan, Cecille Joana Marie S. Ferrer, Allyssa Mae R.J. Firmalan, Ynaira Claire D. Peneyra</i>	EQC-22-007 (p.30)
11:05 – 11:20	Isolation, selection and identification of bacterial strains from various cereal grains for decolorization of molasses-based distillery wastewater <i><u>Nguyen Khoi Nghia</u> and Vo Thi Le Trinh</i>	EQC-22-001 (p.26)
11:20 – 11:35	The Inhibition of DSA Anodic Dissolution in Fluorine-Containing Wastewater at Electrolysis Process <i><u>Yi-Ting Liu</u>, Yao-Hui Huang</i>	EQC-22-037 (p.58)
11:35 – 11:50	Application of Low-Solubility Dolomite as Seed Material for Struvite Recovery (NH ₄ MgPO ₄ ·6H ₂ O) from Synthetic Wastewater using Fluidized-Bed Crystallization (FBC) Technology <i><u>Thi-Hanh Ha</u>, Nicolaus N.N. Mahasti, Ming-Chun Lu, and Yao-Hui Huang</i>	EQC-22-039 (p.60)
11:50 –12:05	The simultaneous removal mechanism of Boron and Nickel via co-precipitation and adsorption from synthetic nickel-boron-containing wastewater <i><u>Chun-Wei Lin</u>, Yao-Hui Huang</i>	EQC-22-041 (p.61)
12:05 – 13:15	Lunch Time	

Time	Topic Name	EQC-No.
10:30– 10:50	Keynote speech A-3: Development of An Automated Vermicomposting System for Quality Production of Vermicast and African Night Crawler <i>Nolan C. Tolosa, Alexandra Karyll L. Silveo, Kent Marie Dominic P. De Guzman, and Myrjun S. Escalada</i>	EQC-22-019 (p.40)
10:50 – 11:05	Utilization of Used Waste of Oyster Mushroom Planting Media as a Media for Worm Livestock to Reduce Pollution and Agricultural Industry Waste <i>Ridho Yanuar</i>	EQC-22-066 (p.87)
11:05 – 11:20	Utilization of Wood Waste become a Craft that Represents the Nation's Culture to Increase Economic Value and Reduce the Collection of Waste in the Environment <i>Helda Febrina and Rahmat Ihsanul Ubaidillah</i>	EQC-22-068 (p.89)
11:20 – 11:35	Recycling Plastic Waste into High-Value Handicrafts in Indonesia <i>Erni Puspanantasari Putri and Jaka Purnama</i>	EQC-22-070 (p.91)
11:35 – 11:50	Immobilization of Heavy Metals in Soil using Biochar Derived from Agricultural Wastes <i>Yu-Jie Chien, Chih-Huang Weng, Kesinee Iamsaard, Mel Adelle C. Ocba, Yao-Tung Lin</i>	EQC-22-048 (p.68)
11:50 –12:05	Preparation of Porous Biochar Derived from Sawdust and its application on Sulfamethoxazole Removal <i>Vu-Anh Le, Suwadee Kongparakul, Chantip Samart, Thi Tuong Vi Tran</i>	EQC-22-033 (p.54)
12:05 – 13:15	Lunch Time	

Time	Topic Name	EQC-No.
10:30– 10:50	Keynote speech A-4: A Screening Design of The Ultrasound Assisted Oxidative Desulfurization of Diesel Oil <i>Angelo Earvin Sy Choi, Susan Roces, Nathaniel Dugos, Meng-Wei Wan</i>	EQC-22-022 (p.43)
10:50 – 11:05	Optimization of Process Parameters in the Upgrading of Scenedesmus Obliquus Oil to High-Quality Liquid-Phase Biofuel by Nickel-Impregnated Biochar Catalyst <i>Alexander L. Ido, Mark Daniel G. de Luna, Dennis C. Ong, Sergio C. Capareda</i>	EQC-22-036 (p.57)
11:05 – 11:20	Degradation and Mineralization of RB5 by Visible Light-Assisted Fenton Process in Oxalic Acid System <i>Wei-Zheng Li, Yao-Hui Huang</i>	EQC-22-038 (p.59)
11:20 – 11:35	Total Phenolics and Antioxidant Activities of Momordica Charantia Leaf <i>Tran Bui – Phuc, Nguyen Dinh – Phong, Ngo Hoang – Duy</i>	EQC-22-062 (p.83)
11:35 – 11:50	Cobalt Oxide Decorated with Activated Carbon as a Pseudocapacitive Composite Electrode for High-Performance Desalination in Hybrid Capacitive Deionization <i>Po-Chang Wu and Chia-Hung Hou</i>	EQC-22-055 (p.76)
11:50 –12:05	Immobilization of Cu, Ni, Zn, and Cr in Paddy Soil by Biochar: A Short-Term Laboratory Incubation Study <i>Mel Adelle C. Ocba, Chih-Huang Weng, Kesinee Iamsaard, Yu-Jie Chien, Jing-Hua Tzeng, Mark Daniel G. de Luna, Yao-Tung Lin</i>	EQC-22-057 (p.78)
12:05 – 13:15	Lunch Time	

Time	Topic Name	EQC-No.
13:15 – 13:35	Keynote speech B-1: Wastewater Desalination via Flow-Electrode Capacitive Deionization (FCDI) Using Carbon Nanotubes/Activated Carbon Hybrid <i>Chia-Hung Hou and Guan-Yu Chen</i>	EQC-22-020 (p.41)
13:35 – 13:50	Effects of Organic Matter during Biological Treatment on Ultrafiltration Membrane Fouling in Refinery and Petrochemical Wastewater Treatment <i>Robitur Rizqo, Yi-Ting Chen, Tsair-Fuh Lin</i>	EQC-22-054 (p.75)
13:50 – 14:05	Removal of boron from synthetic wastewater by three-stage calcium-based chemical oxo-precipitation (COP) and its application in real FGD wastewater treatment <i>Jun-Yi Wu, Yao-Hui Huang</i>	EQC-22-035 (p.56)
14:05 – 14:20	Efficient Removal of Eriochrome Black-T from Aqueous Solution through Activated Carbon from Residual Coffee Grounds <i>Efren Paul I. Arevalo, Nathaniel E. Quimada, Val Irvin F. Mabayo</i>	EQC-22-025 (p.46)
14:20 – 14:35	Reclamation of Aluminum as α -Al(OH) ₃ in an Aqueous Solution by Fluidized-Bed Homogeneous Crystallization Technology <i>Yu-Hsiang Chiu, Yao-Hui Huang</i>	EQC-22-030 (p.51)
14:35– 14:50	Recovery of Copper and Nickel Ions from Printed Circuit Board Wastewater via Fluidized Bed-Homogeneous Granulation Process <i>Nathaniel E. Quimada, Mark Daniel G. De Luna, Ming-Chun Lu</i>	EQC-22-017 (p.38)
14:50– 15:10	Coffee Break/Poster Session	

Time	Topic Name	EQC-No.
13:15 – 13:35	Keynote speech B-2: PBDE Reduction in The Startup of Municipal Solid Waste Incinerators <i>Nicholas Kiprotich Cheruiyot, Guo-Ping Chang-Chien, Lin-Chi Wang, Jou-Yu Yeh, Kun-Hui Lin</i>	EQC-22-013 (p.35)
13:35 – 13:50	Bioethanol Production from Pineapple (<i>A. Comosus</i>) Fruit Rejects via Anaerobic Fermentation Process <i>Angel Kaye M Arazo, Lonamie D Carreon, John Michael A Valdon, Johnah Marie D Vieña, Allen Rhay B Bayantong and Maribel S. Tizo</i>	EQC-22-011 (p.34)
13:50 – 14:05	Persistent Organic Pollutant Lindane Degradation by Alkaline Cold-Brew Green Tea <i>Chi-Wei Wang, Shu-Chi Chang, Chenju Liang</i>	EQC-22-045 (p.65)
14:05 – 14:20	Agricultural Waste Biochar Mulches Coated with Polylactic Acid for Improving The Soil Quality <i>Kesine Iamsaard, Chih-Huang Weng, Han-Yu Hsueh, Jenn-Wen Huang, Yao-Tung Lin</i>	EQC-22-046 (p.66)
14:20 – 14:35	Independent Household Organic Waste Treatment to Create a Green Independent Village of Organic Fertilizer <i>Andika Puji Wirawan</i>	EQC-22-067 (p.88)
14:35– 14:50	Assessing Waste Disposal Status and Influencing Factors of Waste Classification at High Schools in Thai Nguyen Province, Vietnam <i>Truong Thi Anh Tuyet, Duong Minh Hoa, Vu Thi Hoa, Tran Hai Dang, Hoang Thi Lan Anh, Pham Thi Thanh Huyen</i>	EQC-22-058 (p.79)
14:50– 15:10	Coffee Break/Poster Session	

Time	Topic Name	EQC-No.
13:15 – 13:35	Keynote speech B-3: Effect of TiO ₂ on the geopolymer composite membrane characteristics and antibiotic removal performances <i>Samunya Sanguanpaka, Witaya Shongkittikul, Chitsuphang Saengam, Wilai Chiemchaisri, and <u>Chart Chiemchaisri</u></i>	EQC-22-026 (p.47)
13:35 – 13:50	Investigation of Zeolite Derived from Modified Fly Ash for the Coomassie Brilliant Blue Dye Removal <i>Hong-Ha T. Nguyen, Suwadee Kongparakul, Chanatip Samart, Thi Tuong Vi Tran</i>	EQC-22-074 (p.96)
13:50 – 14:05	Photocatalytic degradation of NO by synthesized g-C ₃ N ₄ and g-C ₃ N ₄ @glass fiber under solar and visible irradiation <i>Adnan Hussain, Chitsan Lin</i>	EQC-22-064 (p.85)
14:05 – 14:20	Sandwich-like NiCo ₂ O ₄ /MXene composite with enhanced catalytic activation of peroxy monosulfate for Ibuprofen degradation <i>Hai-Ha Le, Thanh-Binh Nguyen, Chiu-Wen Chen, Cheng-Di Dong</i>	EQC-22-021 (p.42)
14:20 – 14:35	Characteristics of Chitosan Membrane in Combination with Moringa Leaf Extract <i>Tran Bui – Phuc, Nguyen Dinh – Phong, Ngo Hoang – Duy</i>	EQC-22-028 (p.49)
14:35– 14:50	A Novel Pineapple Leaf Biochar-ZnO Composite for Efficiency Cr(VI) Removal from Aqueous Solution <i>Kamonchanok Huangmee, Chih-Huang Weng, Kesinee Iamsaard, Jing-Hua Tzeng, Yao-Tung Lin</i>	EQC-22-049 (p.69)
14:50– 15:10	Coffee Break/Poster Session	

Time	Topic Name	EQC-No.
13:15 – 13:35	Keynote speech B-4: Environmental Transformation Regulates The Risks of Chemically Exfoliated Molybdenum Disulfide Nanosheets <i>Ting-Wei Lee, Yu-Heng Lai, Cheng-Yuan Ho, and Chiaying Chen</i>	EQC-22-027 (p.48)
13:35 – 13:50	Sustainable Strategies in Conserving Teak Wood Forest For Furniture Products with Interpretive Structural Modeling (ISM) Approach <i>Jaka Purnama, Erni Puspanantasari Putri</i>	EQC-22-069 (p.90)
13:50 – 14:05	Assessment of Heavy Metal Contamination of Surface Soil in Quezon City, Philippines using Multi-elemental Contamination (MEC) Index <i>Josel B. Godezano, Krizzia P. Baring, James Dela Cruz</i>	EQC-22-052 (p.73)
14:05 – 14:20	Land Use for The Preservation of MSME at Minggon Market in Minggirsari, Indonesia <i>Annisa Purnamasari</i>	EQC-22-071 (p.92)
14:20 – 14:35	Comparison of The Green Factory Label Systems in Taiwan, Thailand and Vietnam <i>Yu-Hsiu Chen, Wen-Chi Tseng, Boi-Phung Ngo, and I-Ming Chen</i>	EQC-22-032 (p.53)
14:35– 14:50	Microbial Source Tracking of Fecal Contamination Using Quantitative and Digital Droplet PCR in River <i>Yi-Chia Chen, Yi-Ting Chiu, and Tsair-Fuh Lin</i>	EQC-22-061 (p.82)
14:50– 15:10	Coffee Break/Poster Session	

Time	Topic Name	EQC-No.
15:15– 15:30	Evaluation of Atrazine Degradation by Ferrous Ion Activated Persulfate Process in Aqueous Phase using Taguchi Approach <i>Xuyen Thi Hong Luong, Chenju Liang</i>	EQC-22-044 (p.64)
15:30 – 15:45	Paracetamol Removal from Aqueous Solution through Activated Carbon from Mango Seeds <i>Janeth E. Caculba, Jessel G. Namata, AJ Rosemay Preglo, Glyn Sanchez, Richelle A. Ogdiman, Cherry Q. Joyno</i>	EQC-22-023 (p.44)
15:45 – 16:00	Evaluation and Risk Assessment of Cyanobacterial Blooms, Toxins, and Taste and Odor Compounds in Drinking Water Sources <i>Keng-Yu Lu, Yi-Ting Chiu, Tsair-Fuh Lin</i>	EQC-22-072 (p.93)
16:00 – 16:15	Stability of Cyanobacterial Neurotoxin B-N Methylamino-L-Alanine (BMAA) and its Isomers 2,4-Diaminobutyric Acid (DAB) and Aminoethylglycine (AEG) in Natural Water <i>Louriejean L. Alfar, Mark Daniel G. de Luna, Analiza P. Rollon, Yi-Ting Chen, Tsair-Fuh Lin</i>	EQC-22-053 (p.74)
16:15 – 16:30	Development and Application of Nanopore MinION to Identify 2-MIB-Producing Cyanobacteria Species in Source Waters <i>Jo-Chi Yao, Yi-Ting Chiu, Apramita Devi, and Tsair-Fuh Lin</i>	EQC-22-059 (p.80)
16:30 – 16:45	Removal of Hexavalent Chromium from Water by Magnetospirillum gryphiswaldense MSR-1 and The Investigation of Its Chromium Reducing Capabilities <i>Wei-Che Hsiao, Li Fen Wu, Ya-Chun Zhao, Siang Chen Wu</i>	EQC-22-031 (p.52)
16:45 – 17:20	Closing Ceremony	

Time	Topic Name	EQC-No.
15:10– 15:30	Keynote speech C-2: Catalytic oxidation and electrosorption of arsenic (III) over a series of nano-textured MnO ₂ polymorphs incorporated in goethite nanoparticles <i><u>Yu-Jen Shih</u>, Zhi-Shan Chen</i>	EQC-22-006 (p.30)
15:30 – 15:45	Homogeneous-Nucleation Fluidized-Bed Fenton at pH 6.0 <i>Pacharawan Wongsatit and <u>Jin Anotai</u></i>	EQC-22-008 (p.31)
15:45 – 16:00	Characterization of Homogeneous-Nucleation Fluidized-Bed Fenton <i>Thanakorn Kasian and <u>Nonglak Boonrattanakij</u></i>	EQC-22-009 (p.32)
16:00 – 16:15	Synthesis of Metal Ferrite@Graphene Oxide Nanocomposite for Photocatalytic Degradation of Organic Pollutants in Simulated Wastewater <i><u>Allen Rhay B. Bayantong</u>, Cheng-di Dong, Yu-Jen Shih and Mark Daniel de Luna</i>	EQC-22-010 (p.33)
16:15 – 16:30	Photocatalytic Oxidative Degradation of Methylene Blue Using Novel Waste Silica-Supported Fe-Co Bimetallic Catalyst <i><u>Khyle Glainmer N. Quiton</u>, Ming-Chun Lu, and Yao-Hui Huang</i>	EQC-22-018 (p.39)
16:30 – 16:45	A Novel Visible-light-responsive Chitosan/N-TiO ₂ Composite and Eco-Friendly Packaging Film Produced from Fishery-Waste and Agricultural Waste Extracts: Optimization, Characterization, and Disinfection Mechanism <i><u>Ying-Chen Chen</u>, Chih-Huang Weng, Huey-Ling Lin, Han-Yu Hsueh, Jiunn-Lin Wu, Li-Ting Yen, Jenn-Wen Huang, Yao-Tung Lin</i>	EQC-22-051 (p.71)
16:45 – 17:20	Closing Ceremony	

Session C-3 Chair: Dr. Carl Francis Z. Lacson Co-Chair: Dr. Erni Puspanantasari Putri

Time	Topic Name	EQC-No.
15:10– 15:30	Keynote speech C-3: Fluoride-containing Water: A Global Perspective and a Pursuit to Sustainable Water Defluoridation Management - An Overview <i>Carl Francis Z. Lacson, Ming-Chun Lu, Yao-Hui Huang</i>	EQC-22-005 (p.28)
15:30 – 15:45	Development of Eco-Tourism Based on Mangrove Forest Conservation in Indonesia <i>Erni Puspanantasari Putri</i>	EQC-22-063 (p.84)
15:45 – 16:00	Identifying Cellular Structure Deformation in Response to Disinfection Mechanisms Exemplified by Acetylated Shrimp Shells and Calcined Oyster Shell Powder Inactive Microorganisms <i>Than Thi Nhu Anh, Chih-Huang Weng, Jing-Hua Tzeng, Li-Ting Yen, Yao-Tung Lin</i>	EQC-22-050 (p.70)
16:00 – 16:15	Study on the Relationship between the Carbon Storage of Ipomoea aquatica in Constructed Wetland and Nutrients <i>Huang Chen Yuan, Jian Chuan Shern</i>	EQC-22-034 (p.55)
16:15 – 16:30	A preliminary study on the growth rate and calcium carbonate deposition rate of Pocillopora acuta using low current technique <i>Hsing-Chuan Chiang, Jian-Chuan Shern, Tung-Yung Fan</i>	EQC-22-073 (p.94)
16:30 – 16:45	Characteristics and Distribution of Microplastics in Peatland: A Case Study in Long An Province, Viet Nam <i>Nguyen Minh Ky, Chitsan Lin, Nguyen Tri Quang Hung, Hong Giang Hoang, Huu Tuan Tran</i>	EQC-22-024 (p.45)
16:45 – 17:20	Closing Ceremony	

Time	Topic Name	EQC-No.
15:15– 15:30	The importance of Cham towers to tourism exploitation and development in Ninh Thuan province, Vietnam <i>La Quoc Phong, Nguyen Ngoc Anh</i>	EQC-22-003 (p.26)
15:30 – 15:45	Effect of Influencers’ Reviews on Young People’s Awareness and Attitudes toward Ecotourism: The Moderating Role of Trust <i>Thuy Le Ngoc Bich</i>	EQC-22-056 (p.77)
15:45 – 16:00	Modelling The Rice Production and Consumption in The Philippines: A System Dynamics Approach <i>Benjamin D. Rubin, Renan S. Maglasang, Francis L. Mayo</i>	EQC-22-016 (p.37)
16:00 – 16:15	Ambidextrous Chair: A Sustainable Environmental Neutral Armchair for Both Right and Left Handed Persons <i>Mary Grace S. Sabadisto and Dominico Sergie O. Valenciana</i>	EQC-22-043 (p.63)
16:15 – 16:30	Validation of Interventions on Iloilo City's Beaux-Arts Style Heritage Mansions. <i>Ma. Theresa M. Austria</i>	EQC-22-047 (p.67)
16:30 – 16:45	An Efficient Long Short-Term Memory Approach for Load Power Prediction in Smart Solar Microgrid <i>Phuong Nguyen Thanh, Chao-Tsung Yeh, and Ming-Yuan Cho</i>	EQC-22-004 (p.27)
16:45 – 17:20	Closing Ceremony	

POSTER PRESENTATION PROGRAM

EQC-22-P1 (p.98)	Photocatalytic Degradation of Glyphosate in Water by Nano-ZrO ₂ Ultra-Micro Powder Prepared on Heating of Alcohol-Aqueous <i><u>Shu-Lung Kuo</u>, Edward Ming-Yang Wu, Chien-Nan Lee</i>
EQC-22-P2 (p.99)	The Effects of Climate Change to Flooding at Downstream of Cu De River Basin, Central Viet Nam <i><u>Nguyen Minh Ky</u>, Nguyen Tri Quang Hung, Chitsan Lin, Nguyen Cong Manh, Nguyen Thi Lan Thuong, Pham Thi Le Thuy and Nguyen Hoang Lam</i>
EQC-22-P3 (p.100)	Variation in PM _{2.5} Concentrations During The Covid-19 Pandemic in Ho Chi Minh City, Viet Nam <i><u>Nguyen Trung Hiep</u>, Nguyen Minh Ky, Nguyen Tri Quang Hung, Chitsan Lin and Nguyen Cong Manh</i>
EQC-22-P4 (p.101)	Mackinawite Activated Persulfate Coupled with UV Light for Highly Efficient Decolorization of Azo Reactive Textile Dye Remazol Navy RGB <i><u>Chih-Huang Weng</u>, Yun-Chen Liu, and Yung-Shen Cheng</i>
EQC-22-P5 (p.102)	Ultrasound Enhanced Persulfate Activated with Pyrite for Decolorization of Remazol Golden Yellow RGB <i><u>Chih-Huang Weng</u>, Chiang-Hsien Chen, Hsin-Yu Huang, and Chia-Hui Li</i>
EQC-22-P6 (p.103)	Fluoride Treatment Using Calcium by Conventional Coagulation and Flocculation and Fluidized-Bed Granulation Process <i><u>Carl Francis Z. Lacson</u>, Ming-Chun Lu, Yao-Hui Huang</i>
EQC-22-P7 (p.104)	Low-Temperature Catalytic Combustion of Various VOCs With Non-Noble Metal Catalyst Supported on Ceramic Fiber Filter. <i><u>Jia-Yin, Lin</u>, Yan-Fu, Chen and Chin-Liang, Wang</i>
EQC-22-P8 (p.105)	Odor Emissions of Municipal Solid Waste <i><u>Jih Ming Chyan</u>, Zheng Long Ye, Chien Jung Lin, Pei Yi Kung, I Ming Chen, Delia B. Senoro</i>

<p>EQC-22-P9 (p.106)</p>	<p>A Screening Design of the Ultrasound Assisted Oxidative Desulfurization of Diesel Oil <i>Angelo Earvin Sy Choi, Susan Roces, Nathaniel Dugos, <u>Meng-Wei Wan</u></i></p>
<p>EQC-22-P10 (p.107)</p>	<p>Nanobubble technology for textile wastewater treatment <i>Chen, Guan-Wei, Chung-Yi Lin, <u>Justin Chun-Te Lin</u></i></p>
<p>EQC-22-P11 (p.108)</p>	<p>Binary-pH Operated Fluidized-Bed Granulation Process for Simultaneous Recovery of Heavy Metals from Synthetic Industrial Wastewater <i>Sheila A. Balladares, <u>Carl Francis Z. Lacson</u>, Ralf Ruffel M. Abarca, James I. Colades, Mark Daniel G. de Luna, Ming-Chun Lu</i></p>
<p>EQC-22-P12 (p.11)</p>	<p>Adsorptive Removal of Arsenic(V) and Nickel(II) from Binary Aqueous Solution Using Chitosan-Coated Bentonite <i>Adrian V. Tiodin, Cybelle M. Futalan and <u>Meng-Wei Wan</u></i></p>