

Parallel Session 1 : 10:00 - 11:00 on December 13, 2022 (Day 1 AM1)

Chair	Athit Phetrak	Mahidol University	Chair	Surapong Rattanakul	King Mongkut University of Technology Thonburi	Chair	Futaba Kazama	Yamanashi University
Room1: Water resource management I			Room2: Modeling, data utilization			Room3: Sanitation I		
Abstract ID	Title	Authors	Abstract ID	Title	Authors	Abstract ID	Title	Authors
A-008	Formulation irrigation water resources management plan: A case of Malinao Irrigation System, Bohol, Philippines	C. Pascual, N. Alibuyog and R. dela Cruz * (RPD Consulting Inc., the Philippines)	A-003	Public acceptance of potable reuse of reclaimed water using social network data	Makito Sasano * (the University of Tokyo, Japan), Shinobu Kazama, Kumiko Oguma and Satoshi Takizawa	A-062	Sanitation greenhouse gas emissions and measures for climate change mitigation: Preliminary estimation based theoretical approach	Thammarat Koottatep, Tatchai Pussayanavin * (Ramkhamhaeng University, Thailand), Atitaya Panuvatvanich, Nawatch Surinkul, Hendra Gupta, Suraj Pradhan, Chawalit Chaiwong, Nuttapong Ploysurin and Chongrak Polprasert
A-044	Bayesian-based machine learning algorithms for streamflow forecasting	Abhinanda Roy and K. S. Kasiviswanathan * (Indian Institute of Technology Roorkee, India)	A-081	Advances in modelling decay of chlorine and disinfection by-products in water supply systems	Sathasivan A * (Western Sydney University, Australia), Fisher I and Kastl, G.	A-104	Value addition on user interface and sanitation governance through nudge instruments	Nawa Raj Khatiwada * (Nepal Development Research Institute, Nepal), Shankar Shrestha, Monica Maharjan and Sophiya Shrestha
A-084	Is the Mekong truly “sustainable”? – state-of-the-art of water governance and hydropolitics in the Mekong	Hironori Hamasaki and Nguyen Dieu Linh; Kilonzi Peter Muindi * (Nagasaki University, Japan)	A-076	Power spectrum analysis of hydrological time-series: Interpreting springshed processes in the Indian Himalayas	Bhargabnanda Dass * (Indian Institute of Technology Roorkee, India), Nishant Saxena and Sumit Sen	A-105	Seasonal variability in greenhouse gas emissions from septic tanks in Hanoi, Vietnam	Huynh Tan Loi * (Van Lang University, Vietnam), Hidenori Harada, Shigeo Fujii, Pham Nguyen Hong Lien, Thu-Huong Thi Hoang and Huynh Trung Hai

Parallel Session 2 : 11:10 - 12:10 on December 13, 2022 (Day 1 AM2)

Chair	Hiroyuki Katayama	University of Tokyo	Chair	Tomohiro Tobino	University of Tokyo	Chair	Nawa Raj Khatiwada	Nepal Development Research Institute
Room1: Novel technologies and methods			Room2: Heavy metal risk			Room3: Sanitation II		
Abstract ID	Title	Authors	Abstract ID	Title	Authors	Abstract ID	Title	Authors
A-046	Defluoridation of ground water by dual-metal hydroxide nanocomposite of Zr-Mn	Jay Sharma * (Indian Institute of Technology Roorkee, India), Vikrant Ranyal and Sudipta Sarkar	A-002	Preliminary study of nanosilica-chitosan coated superparamagnetic iron oxide nanoparticles as adsorbent for lead removal	Maris Asuncion L. Bayhon * (University of the Philippines Los Baños, the Philippines), Janice B. Sevilla-Nastor, Marisa J. Sobremisana and Jey-R S. Ventura	A-064	Performance evaluation of two-stage thermophilic septic tank for treating mixed toilet and coffeeshop wastewater	Thammarat Koottatep, Tatchai Pussayanavin * (Asian Institute of Technology, Thailand), Sopida Khamyai, Peerawit Janta, Usatip Kunsit and Chongrak Polprasert
A-078	Adsorption of iodinated trihalomethanes onto ZIF-8(Zn) derived carbon	Alongorn Siri, Aunnop Wongrueng, Pharkphum Rakruam and Patiparn Punyapalakul * (Chulalongkorn University, Thailand)	A-085	Heavy metal toxicity risk assessment of pore water, sediments, and fishes in Toledo River basin, Cebu, Philippines	Jarold John Leyson, Lora Mae G. Villegas * (University of San Carlos, the Philippines), Lemuel M. Veloso, Hemres M. Alburo and Rosalyn P. Alburo	A-029	Optimization of nutrient recovery from urine using response surface methodology	Devasena M * (PSG Institute of Technology and Applied Research, India) and Indumathi Nambi
A-107	Development of image processing technique for detecting microorganism colony counting	Thananont Aunsiripant * (Mahidol University, Thailand) and Nawatch Surinkul	(No presentation)			A-059	Development of the city-wide inclusive sanitation in Krong Kracheh, Cambodia: A PolyUrbanWater project case study	Hendra Gupta * (Bremen Overseas Research and Development Association, Germany), Thammarat Koottatep and Richard J. Hocking

* : Presenters

Parallel Session 3 : 14:25 - 15:25 on December 13, 2022 (Day 1 PM1)

Chair	Arumugam Sathasivan	Western Sydney University	Chair	Aunnop Wongrueng	Chiang Mai University	Chair	Noophan Pongsak	Kasesert University
Room1: Advanced water treatment technology I			Room2: Water quality management			Room3: Domestic wastewater treatment		
Abstract ID	Title	Authors	Abstract ID	Title	Authors	Abstract ID	Title	Authors
A-067	Removal efficiency of bacteria and virus by the coagulation process	Siriwara Maneein * (King Mongkut's University of Technology Thonburi, Thailand) and Surapong Rattanakul	A-024	E. coli decay behavior in the estuary of Tokyo considering inactivation effects of solar radiation and salinity: experiment and modelling	Chomphunut Poopipattana * (Northern Farm (1996) Co., Ltd., Thailand), Motoaki Suzuki and Hiroaki Furumai	A-012	Performance evaluation of compact package-type down-flow hanging sponge reactor operated in Khon Kaen City, Thailand	Nagano A * (Sanki Engineering Co., Ltd., Japan), Kirishima Y, Watari T, Thepubon T, Choeisai P, Hongyon C, Panjapan P, Wong-Asa T, Harada H, Matsueda T, Hatamoto M and Yamaguchi T
A-009	A pilot-scale of high-rate magnetic ion exchange resin as a pretreatment for dissolved organic carbon removal in water purification of power plant	Ittikorn Palee * (Khon Kaen University, Thailand), Santiboon Kaewsimmaporn, Thunyalux Ratpukdi, Panitan Jutaporn and Phanwatt Phungsai	A-053	Occurrence of artificial sweeteners acesulfame and sucralose in swimming pools: evaluating emission from swimmers	Keisuke Kuroda * (Toyama Prefectural University, Japan), Reina Ishiguro, Rina Kakinoki, Cong Li and Akihiko Hata	A-039	Optimization of package onsite wastewater treatment system (Johkasou) for carbon and nitrogen removal	A A Kazmi, Ankur Rajpal * (Indian Institute of Technology Roorkee, India), Aashutosh Garg and Abhishek Sahu
A-033	Advancement of adsorption technology for wastewater treatment to remove nitrate and phosphate	Priya E * (Indian Institute of Technology Roorkee, India), Sudipta Sarkar and Pradip K. Maji	A-083	Groundwater nitrate concentration on intensive sugarcane growing areas in Negros Island Philippines	Virgie P. Celestial * (Sugar Regulatory Administration, the Philippines), Jayno C. Ramos, Jayson T. Tumbay, Toshihiko Anzai, Tetsuro Kikuchi and Ignacio S. Santillana	A-056	Insights on wastewater characterization influencing biological process performance and microbial community dynamics in an anoxic-aerobic configured full-scale SBR at IIT Roorkee	Ghazal Srivastava * (Indian Institute of Technology Roorkee, India) and Absar Ahmad Kazmi

Parallel Session 4 : 15:55 - 17:15 on December 13, 2022 (Day 1 PM2)

Chair	Patiparn Punyapalakul	Chulalongkorn University	Chair	Charongpun Musikavong	Prince of Songkla University	Chair	Hiroyasu Satoh	University of Tokyo
Room1: Advanced water treatment technology II			Room2: Water environment			Room3: Industrial wastewater treatment		
Abstract ID	Title	Authors	Abstract ID	Title	Authors	Abstract ID	Title	Authors
A-047	Efficiencies of powder activated carbon and ceramic microfiltration membrane on reduction of dissolved organic matter and trihalomethane formation potential in leachate-polluted groundwater	Kanlayanee Yimyam, Pharkphum Rakruam, Saoharit Nitayavardhana, Prattakorn Sittisom, Phacharapol Induvesa and Aunnop Wongrueng * (Chiang Mai University, Thailand)	A-065	Low-cost Permeable Reactive Barrier (PRB) for remediation of groundwater polluted by leachate from municipal solid waste landfills	Lan Huong Nguyen * (Hanoi University of Civil Engineering, Vietnam), Hoai Son Tran, Thi Viet Nga Tran, Tien Dung Nguyen and Thuy Lien Nguyen	A-025	Role of ferroferric oxide particles coated powdered activated carbon in hexavalent chromium removal from aqueous solutions	Natenarin Junhavadhanasiri and Athit Phetrak * (Mahidol University, Thailand)
A-080	Applying pre-ozonation to reduce the low molecular weight fraction that plays a cross-linking role between meso fraction and membrane surface	Qing Ding * (Chuo University, Japan), Danru Zhao, Naoki Murata, Nobuhiro Aoki and Hiroshi Yamamura	A-069	Identification of fecal contamination source and enteric viruses in groundwater in the Special Region of Yogyakarta province, Indonesia	Shunsuke Oka * (the University of Tokyo, Japan), Shinobu Kazama, Kumiko Oguma and Satoshi Takizawa	A-041	Effect of initial pH level on acidification efficiency of an anaerobic up-flow acidification reactor treating tapioca starch wastewater	Thanapat Thepubon * (Khon Kaen University, Thailand), Pairaya Choeisai and Kubota Kengo
A-075	Biologically activated carbon coupled with enhanced coagulation for better chlorine stability in drinking water treatment	Korotta-Gamage S.M. and Sathasivan A * (Western Sydney University, Australia)	A-099	Mae Kha river re-imaged: The design process to enhance water quality, liveability, and community wellbeing for an at-risk urban watershed	Boonsita Aransawan, Piyatida Iemyang, Chanisa Jamthaworn, Kanchaporn Klumem, Juthamath Momwongsuwon, Supanut Dejnirattisai, Chanikarn Thanasrilungkul, Pattamon Selanon, Thanaraat Jetwaranyu, Thammarat Koottatep and Kim N. Irvine * (Thammasat University, Thailand)	A-079	Roughness enhanced electrospray hydrophobic membrane for separation of dye from textile wastewater via membrane distillation	Gaurav Vaghela * (Indian Institute of Technology Roorkee, India), Mohd Sahil and Bhaskar Jyoti Deka
A-055	Effects of high frequency-alternating electric fields on bacterial cell growth in planktonic and biofilm modes	Patthranit Kunlasubpreedee * (the University of Tokyo, Japan), Tomohiro Tobino and Fumiyuki Nakajima	A-103	Mae Kha river re-imaged: Design and engineering for water quality remediation	A.M.S.N. Amarakoon, Aye Pyae Pyae Aung * (Asian Institute of Technology, Thailand), Quazi Syeem Al Ferdous Arnab, Chanikarn Thanasrilungkul * (Asian Institute of Technology, Thailand), Tanaset Kittipotiklang, Palacksone Vongxayalath, Naphasorn Phanthathan, Thanawit Pratum, Pichsinee Warachan, Punyapha Pinyopawasutti, Natthamol Praditsakul, Thada Raksawong, Sidtipark Petchwhan, Watcharachai Watcharakul, Noppipat Vichai, Arituch Yathoum, Yuttachai Sarathai, Supanut Dejnirattisai, Chanikarn Thanasrilungkul, Pattamon Selanon, Thanaraat Jetwaranyu, Damrongsak Rinchumphu, Lihoun Teang, Thammarat Koottatep and Kim N. Irvine	A-106	Removal of Organics and COD from rice mill wastewater in a Moving Bed Biofilm Reactor	Challa Mallikarjun, Anurag Rai, Rajesh Roshan Dash * (Indian Institute of Technology Bhubaneswara, India) and Manaswini Behera

* : **Presenters**

Parallel Session 5 : 9:25 - 10:25 on December 14, 2022 (Day 2 AM1)

Chair	Tran Thi Viet Nga	Hanoi University of Civil Engineering	Chair	Shinobu Kazama	University of Tokyo	Chair	Tiffany Joan Sotelo	University of the Philippines Diliman
Room1: Water resource management II			Room2: Health related microbiology			Room3: Emerging issues in the environment		
Abstract ID	Title	Authors	Abstract ID	Title	Authors	Abstract ID	Title	Authors
A-005	An assessment of water security and drought resilience in Mwingi Central subcounty Kenya	Kilonzi Peter Muindi * (Nagasaki University, Japan), Linh Dieu Nguyen and Hironori Hamasaki	A-092	Metagenomic analysis of bacterial and viral pathogens and antibiotic resistance genes in the Saen Saep Canal	Krittayapong Jantharadej , Akechai Kongprajug , Wutthichai Mhuantong , Tawan Limpiyakorn , Benjaporn Boonchayaanant Suwannasilp , Skorn Mongkolsuk and Kwanrawee Sirikanchana * (Chulabhorn Research Institute, Thailand)	A-063	Plastic waste management and current status in Thailand for addressing the issues of marine plastic waste from land-based sources	Chongrak Polprasert , Sittikorn Kamngam , Kesirine Jinda * (Asian Institute of Technology, Thailand), Tatchai Pussayanavin and Thammarat Koottatep
A-018	A long-term analysis of meteorological and hydrological drought indices for the Eastern Economic Corridor (EEC) region in Thailand	Sasin Jirasirirak , Aksara Putthividhya * (Chulalongkorn University, Thailand), Wimolphat Bumbudsanpharoke Kamkanya and Somkiat Prajamwong	A-037	Virus removal throughout wastewater treatment plant by membrane bioreactor compared with activated sludge process	Tippawan Singhopon * (the University of Tokyo, Japan), Vu Duc Canh and Hiroyuki Katayama	A-045	Imprints of COVID-19 pandemic on the prevalence of microplastic and antibiotic resistance in the ambient urban waters	Manish Kumar * (University of Petroleum and Energy Studies, India), Madhvi Joshi , Shashank Shekhar , Payal Mazumder and Vaibhav Srivastava
A-068	Spatial and temporal variations of drought occurrence in Afghanistan	Rahmatullah Dost and K. S. Kasiviswanathan * (Indian Institute of Technology Roorkee, India)	A-035	Evaluating antibiotic resistant bacteria in the commercial fish farms water	M A Khan * (Zayed University, United Arab Emirates), Moza Beljafah and Sara AlHemeiri	A-093	CrAssphage as a viral indicator of human sewage contamination in surface water	Montakarn Sresung , Phongsawat Paisantham , Pacharaporn Ruksakul , Akechai Kongprajug , Natcha Chyerochana , Tharindu Pollwatta Gallage * (Chulabhorn Royal Academy, Thailand), Thitima Srathongneam , Surapong Rattanakul , Skorn Mongkolsuk and Kwanrawee Sirikanchana

Parallel Session 6 : 10:40 - 12:00 on December 14, 2022 (Day 2 AM2)

Chair	Manish Kumar	UPES, Dehradun	Chair	Kazuaki Syutsubo	National Institute for Environmental Studies, Japan	Chair	Taku Fujiwara	Kyoto University
Room1: Disinfection and disinfection by-products			Room2: Innovative wastewater treatment			Room3: Nutrient removal		
Abstract ID	Title	Authors	Abstract ID	Title	Authors	Abstract ID	Title	Authors
A-027	Unknown screening analysis of disinfection by-products formed by chlorine, chlorine dioxide, and chloramine disinfection of river water samples	Thirawit Prasert * (Khon Kaen University, Thailand, Phanwatt Phungsai and Futoshi Kurisu	A-043	Innovative wastewater treatment technologies for municipalities with declining population— evaluation and potential application	Mami Watarai * (the University of Tokyo, Japan), Shinobu Kazama and Satoshi Takizawa	A-014	Mainstream and sidestream of full scale partial nitritation and anammox treatment systems, case studies in Taiwan and USA	Pongsak (Lek) Noophan * (Kasetsart University, Thailand), Junko Munakata Marr and Linda Ann Figueroa
A-038	Fluence rate modeling using ray tracing simulation for water disinfection reactors with ultraviolet light-emitting diodes	Jack Jia Xin Song * (the University of Tokyo, Japan), Kumiko Oguma and Satoshi Takizawa	A-066	The potential of in-sewer purification technology	Satoh H * (the University of Tokyo, Japan) and Sotelo TJ	A-028	Pilot-scale evaluation of oxic-anoxic (OA) process under low dissolved oxygen condition for nitrogen removal from tropical wastewater	Chew Lee Leong * (Universiti Malaya, Malaysia), Seow Wah How , Mohamad Fairus Rabuni , Alijah Mohd Aris , Rose Nadiah Abu Hasan , Bee Chin Khor , Thomas P. Curtis and Adeline Seak May Chua
A-072	Data analysis of virus sensitivity to ultraviolet (UV) radiation	Surapong Rattanakul * (King Mongkut’s University of Technology, Thailand) and Kumiko Oguma	A-070	A non-destructive optical coherence tomography study on the removal of dissolved organic matter from water by in situ ferrate pretreatment	Bhaskar Jyoti Deka * (Indian Institute of Technology Roorkee, India), Alicia KJ An and Jiaxin Guo	A-034	Effects of sponge sizes and hydraulic retention time on Downflow Hanging Sponge reactors’ organic matter and nitrogen removals	Thao Tran P * (National Institute for Environmental Studies, Japan), Yasuyuki Takemura , Masataka Aoki , Noriko Tomioka and Kazuaki Syutsubo
A-096	Iodide and bromide content's effect on the formation of disinfection by-products	Charongpun Musikavong * (Prince of Songkla University, Thailand), Juthamas Jaichuedee and Warangkana Na Phatthalung	A-071	Oily wastewater treatment with composite ZnO nanoparticles omniphobic re-entrant PVDF membrane	Bhaskar Jyoti Deka * (Indian Institute of Technology Roorkee, India), Alicia KJ An and Jiaxin Guo	A-049	Optimization of pilot-scale SBR-based STP working on simultaneous nitrification-denitrification and enhanced biological phosphorus removal processes for simultaneous nutrient (N and P) removal in Haridwar, India	Ghazal Srivastava * (Indian Institute of Technology Roorkee, India) and Absar Ahmad Kazmi

* : Presenters

Parallel Session 7 : 9:25 - 10:45 on December 15, 2022 (Day 3 AM1)

Chair	Jenyuk Lohwacharin	Chulalongkorn University	Chair	Tatchai Pussayanavin	Ramkhamhaeng University	Chair	Munawwar Ali Khan	Zayed University
Room1: Water supply			Room2: Sludge management			Room3: Resource recovery		
Abstract ID	Title	Authors	Abstract ID	Title	Authors	Abstract ID	Title	Authors
A-004	Fluoride intake ratios from drinking water and foods soaked or boiled in fluoride-containing water	Benyapa Sawangiang * (the University of Tokyo, Japan) and Satoshi Takizawa	A-011	Sustainability assessment of faecal sludge treatment technologies for resource recovery in Phnom Penh, Cambodia	Chea Eliyan * (Swedish University of Agricultural Sciences, Sweden), Björn Vinnerås, Christian Zurbrügg, Thammarat Koottatep, Kok Sothea and Jennifer McConville	A-013	Potential of glycerin pitch in mixed culture polyhydroxyalkanoate (PHA) production	Wai Lun Ng * (Taylor’s University, Malaysia), Li Wan Yoon and Adeline Seak May Chua
A-036	Development of a mobile water supply system in emergencies situation	Chotikoon Bunditboondee * (Chulalongkorn University, Thailand) and Jenyuk Lohwacharin	A-016	Integrated waste management through symbiotic macro culture	Atun Roy Chuodhury and Arutchelvan V * (Annamalai University, India)	A-050	An evaluation on feeding strategies in polyhydroxyalkanoates production from crude glycerol by activated sludge	Thao-Thy Nguyen-Huynh, Li Wan Yoon * (Taylor’s University, Malaysia), Yin Hui Chow and Adeline Seak May Chua
A-020	Changes in drinking water quality by Household Water Treatment and Storage practices in Kathmandu valley	Shekhar Khanal * (the University of Tokyo, Japan), Shinobu Kazama and Satoshi Takizawa	A-021	A mass balance approach on evaluating sludge generation during enhanced sewer self-purification by porous media	Sotelo TJ * (University of the Philippines Diliman, the Philippines) and Satoh H	A-077	Investigating the effects of pilot scale thermal pretreatment facility on class A biosolids production from sewage sludge	Gowtham Balasundaram * (Indian Institute of Technology Roorkee, India), Pallavi Gahlot, A.A. Kazmi and V.K Tyagi
A-015	Potency of reclaimed water use in Bali island, Indonesia	Mitria Widianingtias * (the University of Tokyo, Japan), Shinobu Kazama and Satoshi Takizawa	A-097	Techno economics of anaerobically mediated sludge and septage management systems in rural communities	Sugato Panda, Mayur Shirish Jain * (Indian Institute of Technology Indore, India) and Lalit Borana	A-088	Sustainable phosphorus recovery from wastewater using Autoclaved Aerated Concrete waste	Son Tran Hoai * (Hanoi University of Civil Engineering, Vietnam), Huong Nguyen Lan, Nga Tran Thi Viet and Ken Kawamoto

Parallel Session 8 : 11:00 - 12:00 on December 15, 2022 (Day 3 AM2)

Chair	Kumiko Oguma	University of Tokyo	Chair	Phanwatt Phungsai	Khon Kaen University	Chair	Keisuke Kuroda	Toyama Prefectural University
Room1: Climate change			Room2: Micropollutants			Room3: Health risk and ecotoxicity		
Abstract ID	Title	Authors	Abstract ID	Title	Authors	Abstract ID	Title	Authors
A-026	Potential impacts of Stratospheric Aerosol Injection to bias corrected near-future rainfall over the National capital region, Philippines	Keane Carlo G. Lomibao * (University of the Philippines Los Baños, the Philippines), Patricia Ann J. Sanchez, Hannah W. Jose, Emmanuel Zeus S. Gapan, Catherine B. Gigantone, Jessa O. Aquino and Allan T. Tejada Jr	A-019	Metagenomic analysis of sewage sludge microbiota and their potential to metabolize micropollutants	Pallavi Gahlot, Gowtham Balasundaram * (Indian Institute of Technology Roorkee, India), A.A. Kazmi and V.K Tyagi	A-023	Impact of water quality on the growth and development of Wolbachia trans-infected aedes aegypti mosquitoes	Parinda Thayanukul * (Mahidol University, Thailand), Satita Tansukkasem and Pattamaporn Kittayapong
A-086	Near future projections of precipitation and temperature over Lanao watershed, Philippines based on G6Solar and G6Sulfur experiments of global climate models	Patricia Ann J. Sanchez, Hannah W. Jose * (University of the Philippines Los Baños, the Philippines), Keane Carlo G. Lomibao, Emmanuel Zeus S. Gapan, Allan T. Tejada Jr, Catherine B. Gigantone and Jessa O. Aquino	A-030	Fate of plasticizers in common effluent treatment plants and removal by using nano titania-graphene based photo-catalyst and photolysis for tertiary treatment	Muntjeer Ali * (Indian Institute of Technology Roorkee, India), Mohammed Shoiab, Mandeep Singh and A.A. Kazmi	A-061	A low concentration of lead (Pb) can affect the efficiency of the activated sludge in the wastewater treatment plant	Hong T. Pham * (Thuyloi University, Vietnam), Linh B. Hoang, Cuong Nguyen Chi, Dung Viet Pham and Khuong V. Dinh
A-017	A combined drought index (CDI) system for drought early warning, monitoring, and risk assessment in EEC region of Thailand	Sasin Jirasirirak, Aksara Putthividhya * (Chulalongkorn University, Thailand), Wimolphat Bumbudsanpharoke Kamkanya and Somkiat Prajamwong	A-031	Thermal hydrolysis of sewage sludge: Organics solubilization, methane yield, and emerging contaminants & pathogens removal	Vinay Kumar Tyagi, Gowtham Balasundaram * (Indian Institute of Technology Roorkee, India), Pallavi Gahlot and A.A. Kazmi	A-091	Toxicity of trace metals in pore water and sediments of Metro Cebu urban rivers and its potential risk to Oreochromis Noliticus	Rosalyn P. Alburo * (Cebu Technological University, the Philippines), Julia Lourdetta B. Arias, Patrice Camille Borja, Irish D. Vasquez, Hemres M. Alburo and Lora Mae G. Villegas

* : Presenters