



Program

The 2nd International Conference on Environment, Livelihood and Services (ICELS2018)

“Disaster from Climate Change, Problematic Water, Food Security and Society”

19 – 22 November 2018 CW Tower, Bangkok, Thailand

Day 1: Monday 19 November 2018

Venue: Auditorium (Floor 10) C asean, CW Tower

Time	Program
08.00 - 08.45	Registration
08.45 - 09.15	Introduction to ICELS 2018 & The Chaipattana Foundation VDO presentation Dr. Suleeporn Bunbongkarn <i>Director of Foreign Affairs Department, the Chaipattana Foundation</i>
09.15 - 09.30	Welcome Remarks Mr. Thapana Sirivadhanabhakdi <i>Chairman of the Board, C asean</i>
09.30 - 09.45	Opening Ceremony Dr. Sumet Tantivejkul <i>The Secretary-General of the Chaipattana Foundation</i>
09.45 - 10.35	Keynote speech 1: “The Chaipattana Foundation and its Development Works for Sustainable Development” Dr. Sumet Tantivejkul <i>The Secretary-General of the Chaipattana Foundation</i> Awards <ul style="list-style-type: none"> • Best Paper Awards • Keynote Speakers • Sponsors Group photo
10.35 - 10.50	Coffee Break
10.50 - 11.10	Keynote speech 2: “Aerosols, Air Pollution and Climate-Past Findings, Present Warnings and Future Musts” Prof. Dr. Wladyslaw W. Szymanski, University of Vienna, Austria

11.10 - 11.30	Keynote speech 3: “Water Use and Pollution: Preparing for Climate Change” Prof. Dr. Robert Brian Shutes , <i>Middlesex University, London, United Kingdom</i>
11.30 - 11.50	Keynote speech 4: “Food Safety Transformation in Taiwan” Prof. Dr. Shaw-Yhi Hwang , <i>Department of Entomology, National Chung Hsing University, Taiwan</i>
11.50 - 12.10	Keynote speech 5: “Integral Humanism and Advanced Sustainability” Dr. Bharat Dahiya , <i>Senior Advisor, Chulalongkorn University, Thailand</i>
12.10 - 13.30	Lunch Break

Parallel session 1

Venue: Auditorium, Room 1002, 1202, 1203 (Floor 10 and 12) C asean, CW Tower

Time	Session 1 (Auditorium)	Session 2 (Room 1002)	Session 3 (Room 1202)	Session 4 (Room 1203)
	<i>Chair Person</i> <i>Prof.Dr.Wladyslaw W.Szymanski</i>	<i>Chair Person</i> <i>Dr.Chunling Luo</i>	<i>Chair Person</i> <i>Dr. Bharat Dahiya</i>	<i>Chair Person</i> <i>Dr.Suleeporn Bunbongkarn</i>
13.30 - 13.50	AO0003: The Nighttime Vertical Distribution of Ozone in Bangkok <i>Parkpoom Choomanee</i>	BO0001: Application of Constructed Wetland System for Meat Processing Plant Wastewater by <i>Echinodosus Cordifolius</i> <i>Pimonluck Moondee</i>	CO0001: Modeling Thai Mango Production Using Decision Tree Algorithm <i>Watinee Thavorntam</i>	DO0001: Management of Human-Varanus Conflict in Sewage Lagoon Treatment Area, Laem Phak Bia Environmental Research and Development Project (LERD), Phetchaburi Province, Thailand <i>Sudawan Chaeychomsri</i>
13.50 - 14.10	AO0002: Ambient Concentrations of Black Carbon Aerosol and Its Sources In Bangkok Ambient Air <i>Panwadee suwattiga</i>	BO0002: Anammox Process in Thai Wastewater Treatment Systems <i>Pongsak (Lek) Noophan</i>	CO0002: Vigna Beans as a Source of Plant Proteins for Emerging Drought from Climate Change <i>Kiattisak Duangmal</i>	DO0002: Taking Marginalized Opinions into Accounts for Studying Areas of Human-Elephant Conflicts (HECs) in Western Thailand <i>Budda Chotimanvijit</i>
14.10 - 14.30	AO0001: Characteristic of Ambient Nanoparticles in Bangkok During the Rain <i>Jutapas Saiohai</i>	BO0003: Degradation of Emerging Pollutants by Plants in Constructed Wetland <i>Tomas Vanek</i>	CO0003: Globalisation, Cross-border Trade and Challenge for Thai agricultural Entrepreneurs: Lessons from R3A Route Development <i>Supawan Visetnoi</i>	DO0003: Shallow Groundwater Mapped by Multi-frequency Electromagnetic Approach for Supporting Independent Local Agriculture with Sustainable Management. <i>Desell Suanburi</i>
	<i>Staff: Parkin Maskulrath</i>	<i>Staff: Suthee Janyasutthiwong</i>	<i>Staff: Kiattisak Duangmal</i>	<i>Staff: Noppawan Semvimol</i>
14.30 - 15.00	Coffee Break			

Time	Session 1 (Auditorium)	Session 2 (Room 1002)	Session 3 (Room 1202)	Session 4 (Room 1203)
	<i>Chair Person</i> <i>Assist.Prof.Dr. Surat Bualert</i>	<i>Chair Person</i> <i>Prof.Dr.Timothy S. Wood</i>	<i>Chair Person</i> <i>Prof.Dr.Shaw-Yhi Hwang</i>	<i>Chair Person</i> <i>Mr. Philip Smith</i>
15.00 - 15.20	AO0020: Estimation of Methane Emissions from Rice Agriculture in Ayutthaya Municipality, Thailand <i>Paphada Yensukho</i>	BO0004: Adsorption Efficiency of Copper and Nickel by Activated Carbon from Coffee Ground <i>On-uma Trakoolsa</i>	CO0004: Food Sanitation Performance Levels of Local Administration in Chiang Rai Province, Thailand <i>Piyathida Takam</i>	DO0004: Application of Combined Process for Fitting-In Determination among Environmental Knowledge, Transfer Technology, and Target Learners in order to Gain More Effectiveness of Short-Course Training to School Children at the Royal LERD Project <i>Saowalak Boonmang</i>
15.20 - 15.40	AO0005: The Evolutionary Ecological and Human-wellbeing Trends in Mountainous Human-natural Systems: Evidence from South-western China <i>Zhirong Huang</i>	BO0005: Shrimp Pond Wastewater Treatment by Using Biochar from Pyrolysis <i>Pranpariya Berkprai</i>	CO0005: Hygienic Practice of Street Food Vendors in Yaowarat, Bangkok, Thailand <i>Sopicha Lertsiriraks</i>	DO0005: Behaviours and Aspirations of Thai Commuters <i>Supatra Patrawoot</i>
15.40 - 16.00	AO0006: Long-term Assessment of Daily Atmospheric Nitrogen Dioxide in Thailand Using Satellite Observed Data <i>Angsumarn Yimlamaid</i>	BO0006: Landfill Leachate Treatment by Electrocoagulation with Aluminum Electrode for Fertilizer <i>Jirapong Lapviboolsuk</i>	BO0023: Cu and Pb Content in Computer RAM and Mobile PCBs <i>Suthee Janyasuthiowng</i>	DO0006: The New Product Development on Innovation Food Product The Study of Attitude, Acceptance and Preferences on Thai Functional Food for the Elderly <i>Siripat Phaisuwat</i>
16.00 - 16.20	AO0007: Effect of Land Cover on Energy Balance: Case Study on Metro Forest Project and KU Tower, Kasetsart University Bangkok Thailand <i>Sudaporn Sukchinda</i>	BO0007: The Impacts of Treated Community Wastewater on the Mangroves Forest Ecosystem at the King's royally initiated Laem Phak Bia Environmental Research and Development Project (LERD Project) <i>Camille Nguyen Thi</i>	CO0007: Health Risk Assessment of Heavy Metals via Consumption of Seafood from Coastal Area of Nai Thung, Nakonsrithammarat Province <i>Chuthamat Rattikansukha</i>	DO0007: Public Perception on Corporate Social Responsibilities of Various Agricultural Industries in Northern Mindanao, Philippines <i>Nelda Gonzaga</i>

16.20 - 16.40	AO0008: Statistical Distribution Techniques for Estimating PM2.5 Concentrations and Quantitative Health Risk Assessment in Bangkok. <i>Tin Thongthammachart</i>	BO0008: Removal of Norfloxacin Antibiotic from Aqueous Solution by Activated Carbon Prepared from Pomelo Peel Biomass Waste by Chemical Activation <i>Panida Prarat</i>	CO0008: Biochar Technology Approach to Low Carbon and Nontoxic Food Society <i>Orasa Suksawang</i>	DO0009: Spatial Relationship of Drug Smuggling Based on GIS Knowledge Discovery using Decision Tree Algorithm <i>Ornprapa Robert</i>
16.40 - 17.00	AO0009: Commercial Aircraft Emission Estimates with 1 km x 1 km Resolution: a Case of Departure Flights at Suvarnabhumi Airport <i>Weerapong Thanjangreed</i>	BO0009: Growth Balance of Fish Length-Weight Relationship and Condition Factors of Nile Tilapia in Five-Consecutive Oxidation Ponds for Treating Municipal Wastewater by Means of King Bhumibol's Royally Initiated Nature-by-Nature Process <i>Sakonwan Mokatip</i>	CO0009: Growth and Yield Performance of Tomato (<i>Solanum lycopersicum</i>) Under Protected and Conventioanl Cultivation <i>Nelda Gonzaga</i>	DO0010: Developing a Workforce Scheduling Model to Reduce Occupational Heat Exposure <i>Kawalee Srinakorn</i>
	<i>Staff: Chalisa Veesommai</i>	<i>Staff: Ratcha Chichana</i>	<i>Staff: Thanit Pattamapitoon</i>	<i>Staff: Onanong Phewnil</i>
18.00	Welcome Dinner			

Day 2: Tuesday 20 November 2018

Venue: Auditorium (Floor 10) C asean, CW Tower

Time	Program
09.30 - 09.50	Keynote speech 6: “Water Issues of Today and Tomorrow: Serious but Solvable” Prof. Dr. Timothy S. Wood , <i>Wright State University, USA</i>
09.50 - 10.10	Keynote speech 7: “Persistent Organic Pollutants (POPs) in Asia and Nexus” Prof. Dr. Gan Zhang , <i>Guangzhou Institute of Geochemistry, Chinese Academy of Science, China</i>
10.10 - 10.40	Coffee Break
10.40 - 11.00	Guest Speech 1: “Wetland Technology for Atmospheric Gaseous Pollutant Management: What Can The Plants Do?” Prof. Dr. John Bavor , <i>University of Western Sydney, Australia</i>
11.00 - 11.20	Guest Speech 2: “Livelihood in Changing World” Prof. Dr. Kasem Chunkao , <i>Kasetsart University, Thailand</i>
11.20 - 11.40	Guest Speech 3: “Use of Rainfall Simulator in Pollutant Runoff Studies” Prof. Dr. Hirozumi Watanabe , <i>Tokyo University of Agriculture and Technology, Japan</i>
11.40 - 12.00	Guest Speech 4: “So Now What? Emphases and Approaches for the Future of Sustainability Education” Mr. Philip Smith , <i>Western Sydney University, Australia</i>
12.00 – 13.00	Lunch Break

Parallel session 2

Venue: Room 1001, 1002, 1202, 1203 (Floor 10 and 12) C asean, CW Tower

Time	Session 1 (Room 1001)	Session 2 (Room 1002)	Session 2 (Room 1202)	Session 3 (Room 1203)
	<i>Chair Person</i> <i>Prof.Dr.Gan Zhang</i>	<i>Chair Person</i> <i>Prof.Dr.John Bavor</i>	<i>Chair Person</i> <i>Prof.Dr. Kasem Chunkao</i>	<i>Chair Person</i> <i>Prof.Dr.Supamard Panichsakpatana</i>
13.30 - 13.50	AO0010: Efficiency of Particulate Matter Prevention Technology for Human Exposure <i>Watcharapong Thianpajeekul</i>	BO0010: Decontamination of Sulfamethoxazole Antibiotic in Aqueous Solution by Silica-Coated Magnetic Graphene oxide <i>Nithiwat Ninwiwek</i>	BO0032: Reduction of Salinity in Wastewater from Fishing Port for Treatment Wastewater by Nature Process <i>Kittipong Angchanpen</i>	CO0010: Effects of Native Thai Arbuscular Mycorrhiza on Root Development of Rice Seedlings <i>William LaVoy</i>

13.50 - 14.10	AO0011: Linking PM1 and PM2.5 with the Visibility in Urban Environment <i>Natsuda Klinklan</i>	BO0011: Digital Image Colorimetry for Nitrite Detection <i>Junthip Tiengtum</i>	BO0031: Physical and Chemical Change of the Soil in Constructed Wetland Treating Municipal Wastewater: A Case Study of Laem Phak Bia Environmental Research and Development Project <i>Oraphan Wongsrikaew</i>	CO0011: Quantitative Trait Loci Analysis of Stele Traits of Rice (<i>Oryza sativa</i>) under Well-watered and Drought Conditions <i>Suparad Klinsawang</i>
14.10 - 14.30	AO0012: Strategies to Support Climate Change Adaptation Industries in Developing Countries: Focusing on the Case of Can Tho, Vietnam <i>DongHyuk Shin</i>	BO0012: Control of Parabens and their Halogenated Products by Advanced Water Treatment <i>Yeom Hoonsik</i>	BO0028: The Utilization of Effluent from Facultative Treatment System for Growing Pumpkin (<i>Cucurbita moschata</i> Decne.) and Muskmelon (<i>Cucumis melo</i> L.) <i>Utchara Nachaiboorn</i>	CO0012: Performance of Tomato (<i>Solanum lycopersicum</i> Linn) in Response to Vermi Leachate Application at Varying Fermentation Period <i>Nelda Gonzaga</i>
	<i>Staff: Parkin Maskulrath</i>	<i>Staff: Watcharapong Wararam</i>	<i>Staff: Thanit Pattamapitoon</i>	<i>Staff: Onanong Phewnil</i>
14.30 - 15.10	Coffee Break/ Poster Session (Floor 10)			
	Screen A	Screen B	Screen C	Screen D
14.30 – 14.50	AP0001: Effect of Outdoor Particulate Matter (PM10) on Indoor Air : Case Study of Thetsaban Warin Wichachat School <i>Supannika Salao</i>	BP0001: Utilization of Para Wood Ash for Phenolic Compound Removals from Aqueous Environment <i>Varinthorn Boonyaraj</i>	CP0001: Development of Techniques for Measuring Maturity Levels of Banana Fruit <i>Supak Jaermsri</i>	DP0001: Declining Water and Biotic Quality Threatens Marine Tourism in Southern Thailand <i>Pasinee Worachananant</i>
14.50 – 15.10	AP0002: PM2.5 and Volatile Organic Compounds in Bangkok in the Dry Season under Atmospheric Invention <i>Wanida Jinsart</i>	BP0002: Application of Using a Prototype Remote Control Water Sampler in Field Work Environment <i>Sirichai Saramanus</i>	CP0002: Monitoring and Risk Assessment of Pesticide Residues to Health and Food Safety in GAP Certified Commercial Kale Growers in Northeast Thailand <i>Jarupong Prasopsuk</i>	DP0002: Using Leaf Measurement to Identify Tropical Plants of the Families Annonaceae and Euphorbiaceae <i>Turenjai Doolgindachbaporn</i>

Time	Session 1 (Room 1001)	Session 2 (Room 1002)	Session 2 (Room 1202)	Session 3 (Room 1203)
	<i>Chair Person</i> <i>Assist.Prof.Dr. Surat Bualert</i>	<i>Chair Person</i> <i>Prof.Dr.Hirozumi Watanabe</i>	<i>Chair Person</i> <i>Prof.Dr.John Bavor</i>	<i>Chair Person</i> <i>Dr.Aidee Kamal Khamis</i>
15.10 - 15.30	AO0013: Observations of Atmospheric Carbon Monoxide and Formaldehyde in Thailand Using Satellites <i>Tipvadee Mekaumnuaychai</i>	BO0013: Upscaling Individuals and Communities in the Yom River Basin: A Preliminary Framework for Sustainable Flood Risk Governance <i>Phaothai Sin-ampol</i>	BO0022: Effect of Cattail (<i>Typha angustifolia</i> Linn.) age on Arsenic Removal from Phu Sawan Reservoir Sediment Using Constructed Wetland <i>Waratchaya Sukha</i>	CO0013: Factors Related to Farmers Adoption of Good Agricultural Practices Farming Standards in Champhone District, Savannakhet Province, Lao People's Democratic Republic <i>Inta Chanthavong</i>
15.30 - 15.50	AO0022: Potential of Organic Agriculture in Sustaining Livelihoods and Food Security Amidst Climate Change: A Multidimensional Perspective <i>Edna Luisa</i>	BO0014: Determining Actual and Potential Evaporation Rates as Driving Forces for Activating the Thermosiphon Process of Wastewater Oxidation Pond Surface of The King's Royally Initiated Laem Phak Bia Environmental Research and Development Project <i>Parkin Maskulrath</i>	BO0033: Utilization of Waterworks Plant Sludge for Composting from Household Organic Waste <i>Nontaporn Prasertkul</i>	CO0014: Productivity, Pigment Composition and Chemical Characteristics of Kale (<i>Brassica oleracea</i> L.) Cultivated with Different Ages of Organic Nutrient Solutions under Aggregate Hydroponic System <i>Felix M. Salas</i>
15.50 - 16.10	AO0015: Investigation of Carbon Dioxide Utilization in Cement and Concrete Products <i>Wilasinee Samniang</i>	BO0015: Removal of Trichloroethylene in Water by Plasma Discharge System <i>Mantiya Ratanit</i>	BO0030: Possibility of Utilizing Waterworks Plant Sludge instead of Paddy Soil for Composting through Concrete Box Technology <i>Phonphatson Sukhaphan</i>	CO0015: Growth, Yield and Postharvest Qualities of Two Genotypes of Eggplant (<i>Solanum melongena</i> L.) as Influenced by Different Levels of Chicken Dung <i>Rosario A. Salas</i>
16.10 - 16.30	AO0016: Appropriate Technology Reducing the Concentrations of Particulate Matter in Building <i>Wattana Waewtakhu</i>	BO0016: Study of Bacteriophages as Indicators of the Microbiological Quality in Water Source System <i>Eun-Young Jung</i>	BO0034: Utilization of Sludge from Waterworks Plant for Compacted Charcoal Production <i>Ampha Ladadoke</i>	DO0012: Prototype of Gasified Stove for Thermoelectric Generation <i>Phongphayboun Phonepaseut</i>
16.30 - 16.50	AO0017: Resolving global food waste problem with a cosmopolitan fly <i>Samayoa, Ana C</i>	DO0011: Conventional Versus Microwave Synthesis of Zeolite A from Water Treatment Sludge <i>Benchatham Theptham</i>	DO0014: Utilization of Waterworks Sludge in Clay Brick Production <i>Dawrium Sremsiri</i>	DO0013: The Study of Tourist Photography on Social Media Visiting Secondary Provinces in Eastern Region of Thailand <i>Pishana Nikita Pachimsawat</i>

16.50-17.10	AO0021: Vertical Variation of PM10 on Non-Biomass Burning and Biomass Burning Period, Doi Tung, Chiang Rai Province, Thailand <i>Sarocha Nooyoung</i>	CO0017: Inhibitory Potential of <i>Eucheuma cottonii</i> A. Against Selected Foodborne Pathogens <i>Judife N. Magallanes</i>	BO0021: Using Water Work Plant Sludge for Economic Worthiness <i>Pasit Kongphol</i>	CO0016: Implementation of code of practices (CoP) in selected poultry farms of Bangladesh AHM <i>Taslina Akhter</i>
17.10-17.30	AO0004: Role of Ornamental Plants (<i>Dieffenbachia</i> , <i>D. seguine nobilis</i>) on Releasing Biogenic Volatile Organic Compounds (BVOs) in Urban Area <i>Narita Fakkaew</i>	DO0017: Applying a Planetary Health Framework to Address Linked Environment, Health and Well-being Challenges in Society <i>Montira Pongsiri</i>	CO0018: Positive Effects of Black Soldier Fly, <i>Hermetia Illucens</i> Compost as Fertilizer on <i>Brassica leraces</i> var. <i>Italic</i> Performance under Elevated CO ₂ Condition <i>Papitchaya Teawkul</i>	DO008: Multi-level Governance of Mangrove Forest Conservation in Thailand: A Case study of the Khlong Khon sub-district, Muang district, Samut Songkhram province <i>Suwanya Sangaseang</i>
17.30-17.50			CO0006: How Does a Local Wisdom of Medicine in Songkla Lake Basin, Thailand Deal with Safeguarding Food Security <i>Nantida Sutummawong</i>	CO0019: Growth, Yield and Postharvest Quality of Ampalaya (<i>Momordica charantia</i> L.) Under Protected Cultivation in Response to Different Pruning Techniques <i>Nelda Gonzaga</i>
	<i>Staff: Suthee Janyasutthiwong</i>	<i>Staff: Onanong Phewnil</i>	<i>Staff: Noppawan Semvimol</i>	<i>Staff: Orrathai Chueawong</i>

Day 3: Wednesday 21 November 2018

Venue: Auditorium (Floor 10) C asean, CW Tower

Time	Program
09.30 - 09.50	Guest Speech 5: “Evaluation of Compressed Biodegradable Mulching Boards in Sustainable Agriculture ” <i>Assoc. Prof. Dr. Onwona-Agyeman Siaw, Tokyo University of Agriculture and Technology, Japan</i>
09.50 - 10.10	Guest Speech 6: “Profit Margin of Organic Taiwanese Sweet Corn (f1) Plantation with Different Biofertilizer Application ” <i>Dr. Aidee Kamal Khamis, University Technology Malaysia</i>
10.10 - 10.30	Guest Speech 7: “Investing in Food Safety in Developing Countries: Why it is a Priority for The Global Food Security and How We Can Move Forward” <i>Dr. Masami Takeuchi, Food and Agriculture Organization of the United Nations (FAO)</i>
10.30 - 11.00	<i>Coffee Break</i>

11.00 - 11.20	<p>Guest Speech 8: “A SPA-Based Semantic Computing System for Global Environmental Analysis and Visualization and 5D World Ma”</p> <p>Prof. Dr. Yasushi Kiyoki, <i>Professor of Faculty of Environment and Information Studies and Graduate School of Media and Governance, KEIO University</i></p>
11.20 - 11.40	<p>Guest Speech 9: “Importance of Environment Education and SDGs Education (Through Example in Japan, Malaysia, Thailand, Bhutan and Vietnam)”</p> <p>Mr. Koji Tagi, <i>Japan Environmental Education Forum, Japan</i></p>
11.40 - 13.00	Lunch Break

Parallel session day 3

Venue: Room 1001, 1002, 1202, 1203 (Floor 10 and 12) C asean, CW Tower

Time	Session 1 (Room 1001)	Session 2 (Room 1002)	Session 2 (Room 1202)	Session 2 (Room 1203)
	<i>Chair Person</i> <i>Assoc.Prof.Dr. Samakkee Boonyawat</i>	<i>Chair Person</i> <i>Assoc.Prof.Onwona-Agyeman Siaw</i>	<i>Chair Person</i> <i>Prof.Dr.John Bavor</i>	<i>Chair Person</i> <i>Assist.Prof.Dr. Kiattisak Duangmal</i>
13.30 - 13.50	<p>AO0018: Carbon Footprint and Water Footprint of Shrimp Paste Product (Kapi) of the Community Enterprise</p> <p><i>Theema Chaiyaboot</i></p>	<p>BO0018: Impact of Catchment Area Activities on the Physico-Chemical Characteristics of Water Quality (Case of University of Nottingham Malaysia Campus Lake)</p> <p><i>Doris Ogueri</i></p>	<p>CO0006: How Does a Local Wisdom of Medicine in Songkla Lake Basin, Thailand Deal with Safeguarding Food Security</p> <p><i>Nantida Sutummawong</i></p>	<p>BO0025: The Appropriate Quadrat Area for Sampling Sesarmid Crabs (Genus Episesarma) in Mangrove Forest front of The King’s Royally Initiative Laem Pak Bia Environmental Research and Development Project, Phetchaburi province, Thailand</p> <p><i>Thitikorn Boontongmai</i></p>
13.50 - 14.10	<p>AO0019: Estimation of Methane Emission from Solid Waste Landfill Site in Savannakhet Province, Lao PDR</p> <p><i>Phoukham Niravanh</i></p>	<p>BO0019: Prediction of Sinking Dissolved Oxygen to the Bottom of Oxidation Ponds for Community Wastewater Treatment</p> <p><i>Ruthairat Noikondee</i></p>	<p>BO0024: Influence of Phytoplankton on Dissolved Oxygen Concentration in Wastewater Treatment System Through Nature Process</p> <p><i>Manlika Srichomphu</i></p>	<p>DO0015: Potential Development of Solid Waste Management for Local Administration Organizations Officers</p> <p><i>Khanittha Janthai</i></p>

14.10 - 14.30	BO0026: Overflow and Permeability Characteristics of Mulching Boards by using Rainfall Simulator <i>Charoen Jirarachwaro</i>	BO0020: The Appropriate Diameter of Core Sample for Benthos Sampling in Frontage Area of The King's Royally Initiated Laem Phak Bia Environmental Research and Development Project Mangrove Forest, Phetchaburi Province. <i>Chutimon Thowsakul</i>	BO0027: Phytoplankton Species Diversity in Phetchaburi Municipal Wastewater as Found in Point Sources through Effluent from Pond Technology in Part of Royal LERD Wastewater Treatment System <i>Donyarat Subwongrod</i>	DO0016: Learning Program on Municipal Solid Waste Management for Natural Resources and Environmental Protection Volunteer Groups <i>Somkamon Onsawai</i>
	<i>Staff: Chalisa Veksommai</i>	<i>Staff: Noppawan Semvimol</i>	<i>Staff: Watcharapong Wararam</i>	<i>Staff: Thanit Pattamapitoon</i>
14.30 - 15.30	Coffee Break/ Poster Session (Floor 10)			
	Screen A	Screen B	Screen C	Screen D
14.30 – 14.50	AP0003: Pretreatment of Saw Dust and Sludge with Thermal-chemical Method for Hydrogen Production Enhancement by Anaerobic Fermentation <i>Prapaipid Chairattanamanokorn</i>	BP0003: Comparing Wastewater Treatment Efficiency of Grease Traps Filled with Different Media and Bio-fermented Solution from Pineapple Peels: A Case of the Canteen of the Faculty of Science, Ubon Ratchathani University <i>Ratchawut Kotlakome</i>	CP0003: Application of Cattle Manure to Immobilize Cadmium and Lead in Contaminated Agricultural soil <i>Usanee Siripaneeya</i>	DP0003: Youth Impact on Social Recognition: Case Study of Bud Boosting Camp in Bang Prakong Power plant <i>Patjira Deenarn</i>
14.50 – 15.10	BP0005: The Investigated Salt Ions Adsorption by Corn Cob Activated Carbon Electrode for Capacitive Deionization Technique <i>Nuchira Dejang</i>	BP0004: The Distribution of Microplastics (>1mm) at Selected Intertidal Ecosystem in Penang Island, Malaysia <i>Turenjai Doolgindachbaporn</i>	CP0004: The Potential of Marine-derived Streptomyces Antibioticus AMR69 Against <i>Magnaporthe oryzae</i> the Causal Pathogen of Rice Blast Disease <i>Jirayu Buatong</i>	CP0005: Isolation and Characterization of a Polyhydroxyalkanoates Producing Bacterium Using Biodiesel Liquid Waste as a Carbon Source <i>Mananya Martla</i>
15.10-15.30	AO0014: Case Study Research: Overseas Expansion to Climate Change Adaptation Industry <i>Gibong Yer</i>	BP0006: Water Quality Analysis of Chao-Phraya Dam Upstream and Downstream in Chainart Province <i>Tanuwat Larptansuphaphol</i>	CP0006: Effects of Continue in-situ Applying Poultry-litter Biochar on Growth and Accumulation of Cu and Zn of Water Spinach and Lettuce <i>Prapasiri Tongsiri</i>	BP0007: Detection of Organic UV Filters and Their Removals in Advanced Oxidation Processes <i>Chang-Dong Seo</i>

Panel Discussion : Auditorium (Floor 10)

15.30 - 16.30	Panel Discussion : Disaster from Climate Change, Problematic Water, Food Security and Society <ul style="list-style-type: none">• Prof.Dr.Kasem Chunkao, <i>Thailand</i>• Prof.Dr.John Bavor, <i>Australia</i>• Prof. Dr. Shaw-Yhi Hwang, <i>China</i>• Mr. Koji Tagi, <i>Japan</i>• Prof. Dr. Wladyslaw W. Szymanski, <i>Austria</i> Modurator : Assist.Prof.Dr. Surat Bualert, <i>Thailand</i>
16.30-17.00	<i>Closing Ceremony</i>

Day 4: Thursday 22 November 2018

Venue: CW Tower

Time	Program
06.30 - 07.00	Registration at the meeting point (CW tower)
07.00 - 10.00	Travel to Phetchaburi Province <ul style="list-style-type: none">• Snack Box
10.00 - 12.00	Overview of The King's Royally Initiated Laem Phak Bia Environmental Research and Development Project (LERD) <ul style="list-style-type: none">• Coffee Break
12.00 - 13.00	<i>Lunch Break</i>
13.00 - 14.00	Travel to Amphawa floating market, Samut Songkram Province <ul style="list-style-type: none">• Coffee Break
14.00 - 16.00	Technical visit at Amphawa-Chaipattanurak Conservation Project
16.00 - 19.00	Back to Bangkok