

Monday, 24 November				
Time	Room A	Room B	Room C	Room D
9:00-9:20	Opening Ceremony			
	Keynote Speech 1			
9:20-9:50	The role of chemical treatment in the control of pollution from Agro Industries <i>Prof. Dr. O. Tünay</i>			
	Keynote Speech 2			
9:50-10:20	Science and Technology for Sustainable Water Management <i>Prof. Dr. S. Ohgaki</i>			
10:20-10:45	Coffee Break			
	Biological treatment of wastewaters and wastes	Chemical treatment of wastewaters and wastes	Resources recovery and reuse	
10:45-11:00	Innovative bioreactors for the treatment/reuse of milking parlor and swine wastewater for land limited application <i>L. Dong, A. C. Liu, C. Y. Chou, P. Y. Yang, USA</i>	Sulphate control by ettringite precipitation in textile industry wastewaters <i>I. Kabdaşlı, A. Bilgin, O. Tünay</i>	Effect of pH on volatile and medium chain fatty acids production during anaerobic digestion process <i>E. Jankowska, J. Chwiałkowska, M. Stodolny, P. Oleskiewicz-Popiel</i>	
11:00-11:15	Feasibility study of applying anaerobic immobilized cells for treatment of domestic sewage <i>R. Y. Lin, A. C. Liu, C. Y. Chou</i>	Sequential resin fractionation method as a useful tool to characterize olive mill wastewater before and after chemical treatment applications <i>B. H. Gursoy-Haksevenler, I. Arslan-Alaton, T. Olmez-Hanci, O. Tünay</i>	Quantitative X-Ray diffraction (XRD) reveals the influences of calcium and ferric ions on struvite crystallization <i>H. Yan, K. Shih</i>	
11:15-11:30	Treatment of restaurant wastewater by combination system of anaerobic baffled reactor (ABR) and aerobic trickling filter <i>H. Sonaka, K. Nakahara, N. Yokote, D. Tanikawa</i>	Impact of ozonation on water quality change of sewage <i>A. Yoshida, T. Mizuno, Y. Kusuda, F. Nishimura</i>	Duckweed biomass as a renewable biorefinery feedstock: Ethanol and succinate production from <i>Wolffia globosa</i> <i>S. Soda, T. Ohchi, J. Piradee, Y. Takai M. Ike</i>	
11:30-11:45	Effect of salinity on organic matter removal from polluted agriculture drainage water by moving bed biofilm reactor <i>M. Ateia, M. Nasr, C. Yoshimura M. Fujii</i>	Using ultraviolet light and high temperature with sodium persulfate to catalyze the azo dye wastewater <i>M. C. Chang, J. S. Tang</i>	Pilot scale resource recovery from cattle paunch waste <i>C. M. Mehta, P. D. Jensen D. J. Batstone</i>	
11:45-12:00		Eco-design of Fenton-like processes using laterites and activated carbons for the degradation of bio-reliant organic compounds in wastewater <i>H. Karoui, B. Maba, G. M. R. Kpinsoton, Y. Richardson</i>	High solid anaerobic co-digestion of garbage, rice straw and rice husk <i>R. Yamamoto-Ikemoto, T. Gu, M. Takano, T. Tsuritani, S. Kitano, M. Okamoto</i>	
12:00-13:30	Lunch			
	CREST Session			
	Keynote Speech 3			
13:30-14:00	Development of an innovative water management system with decentralized water reclamation and cascading material-cycle for agricultural areas <i>Prof. Dr. T. Fujiwara</i>			
14:00-14:15	Non-sterile simultaneous saccharification and fermentation of corn biomass to L-lactic acid without external nutrient addition <i>S. Akao, H. Nagare, M. Maeda, K. Kondo, T. Fujiwara</i>			
14:15-14:30	Emission and control of nitrous oxide and composition of ash derived from cattle manure combustion using a pilot-scale fluidized bed incinerator <i>K. Oshita, K. Kawaguchi, M. Takaoka, K. Matsukawa, T. Fujimori, T. Fujiwara</i>			
		Chemical treatment of wastewaters and wastes		
14:30-14:45	Sulfonamide antibiotic removal and nitrogen recovery from synthetic urine by the combination of rotating advanced oxidation contactor and methylene urea synthesis process <i>S. Fukahori, T. Fujiwara, R. Ito, N. Funamizu</i>	Degradation and detoxicity of tetracycline by an enhanced sonolysis <i>C. Wang, J. J. Jian</i>		
14:45-15:00	Beneficial Utilization Methods for Fish Processing By-Products as Fish Feed Additives <i>H. Fukada, N. Takahashi, N. Hosomi, T. Masumoto</i>	Synthesis of Fe/ZrO ₂ catalyst to remove direct orange 26 from water by Fenton oxidation at wide pH values <i>N. Ayas, Y. Asci, M. Yurdakul</i>		
		Advanced treatment processes and innovative technological applications		
15:00-15:15	Novel recycling technique of paper sludge using ionic liquid -Preparation of functional materials for water purification- <i>H. Ichiura, M. Kamada, A. Ono, Y. Ohtani</i>	A comparative study of HO [•] - and SO ₄ ^{•-} - based AOPs for the degradation of non-ionic surfactant Brij30 [®] <i>I. Kabdaşlı, C. Ecer, T. Olmez-Hanci, O. Tünay</i>		
15:15-15:30	Integrated evaluation of the innovative water and waste management system for agricultural areas <i>M. Yamada, T. Masuda, M. Matsuoka, T. Hase, T. Ishigaki, T. Fujiwara</i>	Sulfate radical based oxidation processes for decolorization of azo dye wastewater using nano iron <i>H. Y. Shu, M. C. Chang, H. W. Hsu</i>		
15:30-15:45	Discussion	Removal of endocrinedisrupting compounds from wastewater using polymer particles <i>A. Murray, B. Örmeci, E. P. C. Lai</i>		

Monday, 24 November				
Time	Room A	Room B	Room C	Room D
15:45-16:15	<i>Coffee Break</i>			
	SATREPS (Ameli-eaur) Session			
	Keynote Speech 4			
16:15-16:40	Water Resources Management in West Africa: Threats from Global Changes, Eutrophication and Solids Transport in Water Reservoirs in Burkina Faso <i>Prof. Dr. A. H. Maiga</i>			
	Advanced treatment processes and innovative technological applications			
16:40-16:50	Political sociology of African peasants' dynamics faced with the new technology of compost toilet: case of Burkina Faso <i>T. Nabeshima</i>	16:45-17:00	Fabrication and characterization of CdS doped TiO ₂ nanotube composite and its photocatalytic activity for the degradation of methyl orange	
16:50-17:00	Land utilization and property system in Burkina Faso: A case study in Ziniaré <i>F. Hakoyama</i>		<i>J. Jung, J. O. Kim</i>	
17:00-17:10	Ceramic filters impregnated with colloidal-silver for point-of-use water treatment in rural and peri urban areas in Burkina Faso <i>Y. Konate, E. Bleu, M. Sou/Dakoure, A. H. Maiga</i>	17:00-17:15	Treatment of Waste-milk Containing Tetracycline by Magnetic Activated Sludge and Contact Oxidation Process <i>Gaowa, Y. Sakai, M. L. Saha, I. Ihara</i>	
17:10-17:20	Microbial Risk Assessment Associated with Post-treatment of compost from the composting toilet <i>H. S. Darimani, R. Ito, M. Sou/Dakoure, N. Funamizu, H. Yacouba, A. H. Maiga</i>	17:15-17:30	Decomposition of pesticides in water by using a slurry type TiO ₂ in water treatment apparatus <i>Y. Hashimoto, K. Hara, T. Takaoka, B. Sarangaraja, Y. Maruo, D. Ino, M. Aizawa</i>	
17:20-17:30	Maturity and hygienic quality of composts produced with various bulking agents in composting toilet for agriculture reuse <i>S. K. Sossou, M. Sou/Dakoure, N. Hijikata, B. Kamdem Djomou, A. H. Maiga, N. Funamizu</i>	17:30-17:45	Application of nitrite build-up for the nitrogen removal from ammonium-rich anaerobic digester supernatant with SBR process <i>K. Gil, J. Im</i>	
17:30-17:40	Mobilizing Communities for use of by-products of sanitation: Case study of the Ameli EAUR project. <i>M. Bologo/Traore, M. Sou/Dakoure, A. H. Maiga, T. Nabeshima, F. Hakoyama, S. Dicko</i>	17:45-18:00	Development of a novel flotation process for enhancing oil recovery from palm oil mill effluent <i>T. V. Le, T. Imai, D. Ayukawa, H. T. Vo, T. Higuchi</i>	
17:40-17:50	Salinity assessment in urine application as nitrogen source for vegetable cultivation <i>M. Sou/Dakouré, F. Kagabika D. Sangaré, R. Lahmar, B. Sawadago, A. H. Maiga</i>			
17:50-18:00	Reuse of treated greywater for lettuce irrigation: effects on plant growth, yield and soil properties <i>B. Sawadogo, D. Sangare, M. Sou, N. Hijikata, Y. A. Kabore, A. H. Maiga, N. Funamizu</i>			
18:00-18:10	Design and operation of high rate algal pond treating greywater and producing reclaimed water and fertilizer <i>M. Takahashi, H. Derabe Maobe, M. Onodera, H. Satoh, T. Fukazawa</i>			
18:10-18:20	Potential of treated wastewater reuse for agricultural irrigation in Ouagadougou, Burkina Faso <i>A. Michinaka, H. Shigemura, R. Kawasumi, H. Yamashita, E. Takashima</i>			
18:20-18:30	Growth characteristics of salt-tolerant plants and salt accumulation in soil using organic composts <i>M. Murakami, T. Nakaso, N. Hijikata, T. Mouri, S. Nishimura, M. Fujimaki</i>			
18:30-20:00	Welcome Cocktail			

Time					Tuesday, 25 November				
Room A			Room B		Room C		Room D		
Keynote Speech 5									
9:00-9:30	Advanced oxidation technologies for the treatment and reuse of agro-industrial wastewater and simultaneous production of renewable energy <i>Prof. Dr. Gianluca Li Puma</i>								
Advanced treatment processes and innovative technological applications			Biological treatment of wastewaters and wastes		Resources recovery and reuse				
9:30-9:45	Partial nitrification (SHARON) of nitrogen-rich refinery wastewater with high C/N ratio <i>S. Milia, M. Perra, G. Cappai, A. Carucci</i>		Evaluation of treatment performance of a pilot-scale constructed wetland treating waste landfill leachate in Thailand <i>Y. Ogata, T. Ishigaki, Y. Ebie, N. Sutthasil, C. Chiemchaisri, M. Yamada</i>		Production of calcium phosphate on the shell particles of <i>Mizohopecten yessoensis</i> in urine <i>R. Ito, N. Funamizu</i>				
9:45-10:00	Practical use of new system for highly efficient recovery of energy from sewage and garbage <i>F. Shinya, H. Tsuboi, A. Miyata, M. Shimada, H. Yamashita</i>		Effects of filter media layer composition and depth on greywater treatment by vermifiltration <i>A. T. Adugna, H. A. Andrianisa, Y. Konate, A. Ndiaye, A. H. Maiga</i>		Effect of burned shell dosage on crystal species in synthetic cow urine <i>S. Kaneko, R. Ito, N. Funamizu</i>				
10:00-10:15	Long Term nitrogen compound removal trend of a hybrid subsurface constructed wetland treating milking parlour wastewater throughout its seven years of operation <i>J. Harada, T. Inoue, K. Kato, H. Izumoto, X. Zhang, H. Sakuragi, D. Wu, H. Ietsugu, Y. Sugawara</i>		Removal of (α+β)-endosulfan and endosulfan sulfate from agricultural sewage in a HSB-R-GAC system <i>I. López-Apodaca, P. Gortares, G. Ulloa, E. R. Meza-Escalante, G. Buitrón, D. Serrano</i>		Development of a new wastewater treatment process for resource recovery as carotenoid <i>H. Sato, H. Nagare, Huynh Thi Ngoc Chau, H. Komatsu</i>				
10:15-10:45	Coffee Break								
10:45-11:00	Bulk liquid extraction of NaCl from aqueous solution using carrier-mediated transport <i>M. M. Naim, A. A. El-Shafei, A. A. Moneer, M. M. Elewa, W. G. Kandeel</i>		Anaerobic co-digestion of agro-wastes and pre-treated wastewater sludges <i>B. A. Alagöz, A. Erdinçler, O. Yenigün</i>		Adequate handling conditions of composting toilets using calcium lime and ash evaluated by microbiological safety of end product <i>N. Hijikata, R. Tezuka, S. Kazama, M. Ohtaki, D. Sano, K. Ushijima, R. Ito, S. Okabe, N. Funamizu</i>				
11:00-11:15	Desalination of simulated seawater by purge-air pervaporation using an innovated fabricated membrane <i>M. M. Naim, M. M. Elewa, A. A. El-Shafei, A. A. Moneer</i>		Effect of pretreatment techniques on solubilization and hydrogen and methane generation by thermophilic anaerobic digestion of food waste <i>A. Menon, F. Ren, A. Giannis, J. Y. Wang</i>		Grey water treatment by slanted soil system in terms of phytotoxicity <i>K. Ushijima, N. Hijikata, E. Tanaka, N. Funamizu, R. Ito</i>				
Modeling and design interaction									
11:15-11:30	Regression-based estimation of nitrogen concentration in groundwater using geographical and statistical information <i>M. Matsuoka, T. Fujiwara</i>		Expression of acidic failure for the methane fermentation in food waste digestion <i>Ngo Van Anh, Nguyen Thi Ha, Le Van Chieu, R. Goel, M. Terashima, H. Yasui</i>		Treated wastewater quality and the risk of intestinal helminthes infection for vegetable producer groups in Kossodo, Burkina Faso <i>N. W. Kpoda, M. Sou/Dakouré, A. H. Maiga, G. B. Kabré</i>				
11:30-11:45	Development of a model for evaluation of total recycling and waste treatment system of organic waste -A case study in Kochi prefecture, Japan- <i>T. Hase, Y. Watanabe, M. Yamada, T. Fujiwara</i>		Is it possible to treat faecal sludge of Ouagadougou with constructed wetland planted with <i>Oryzalongistaminata</i> or <i>Sporoboluspyramidalis</i> ? <i>T. Kouawa, A. Wanko, C. Beck, A. H. Maiga, R. Mose</i>		Basic study of local production and consumption of phosphorus from sewage in the Shigenobu River Basin <i>T. Fukushima</i>				
11:45-13:30	Lunch								
Keynote Speech 6									
13:30-14:00	Resource recovery processes from animal waste as best available technology <i>Prof. Dr. S.W. Oa</i>								
Treatment and use of waste from stockbreeding			Biological treatment of wastewaters and wastes		Run-off and control of pollutants from agricultural areas				
14:00-14:15	Feasibility of pig manure treatment by dry-thermophilic anaerobic co-digestion with rice straw <i>S. Riya, K. Suzuki, S. Zhou, A. Terada, M. Hosomi</i>		Effects of acetate addition on the recovery of anaerobic ammonium oxidizing bacteria in mixotrophic culture <i>P. Noophan, S. Phanwilai</i>		Decomposition characteristics of dissolved organic matter in paddy field <i>C. Jikumaru, T. Hama, Y. Kawagoshi</i>				
14:15-14:30	Long term assessment of phosphorus emission from cattle fattening <i>H. Tsutsui, H. Sakaguchi, X. Sun, S. Toda, K. Matsukawa, K. Oshita, M. Takaoka, T. Fujiwara</i>		Identification of 1,4-dioxane degradation genes of <i>Pseudomonas</i> sp. D17 by microarray expression analysis <i>K. Sawada, D. Inoue, T. Tsunoda, Y. Aoki, M. Kuroda, M. Ike, K. Sei</i>		Phosphorus flow with soil particles in drainage canals of reclaimed paddy fields <i>I. Yoshinaga, K. Takaki, H. Ono, T. Hama, A. Retyce</i>				
14:30-14:45	Development of a technology for recovering resources from livestock waste <i>J. Kabaya, K. Ueda, R. Sakamoto, M. Tokuo, T. Suzuki, S. Sano, T. Sekito, Y. Dote</i>		Effects of nutrient and aerating conditions on selenium metabolisms by <i>Pseudomonas stutzeri</i> NT-1 <i>M. Kuroda, Y. Higuchi, M. Yoshioka, S. Soda, M. Ike</i>		Evaluation of radiocesium outflow from paddy fields drainage during land preparation <i>S. Miyazu, H. Tsuji, N. Yoshikawa, T. Yasutaka</i>				
14:45-15:15	Coffee Break								
Sludge stabilization, utilization and disposal			Biological treatment of wastewaters and wastes		Run-off and control of pollutants from agricultural areas				
15:15-15:30	Anaerobic digestion of sewage sludge with high solid content and its use as fertilizer <i>T. Hidaka, H. Sawahara, T. Togari, J. Tsumori</i>		Gaseous emissions and modification of organic fractions in cattle slurry during anaerobic storage: Effect of acidification and biological additives <i>M. Y. Owusu-Twum, A. Polastre, L. M. M. Ferreira, J. Coutinho, H. Trindade</i>		Effects of pH and oxygen on phosphorus release from agricultural drainage ditch sediment in Kasaoka bay reclaimed land, Japan <i>H. V. Nguyen, T. Q. Tran, T. T. K. Ha, M. Maeda</i>				
15:30-15:45	Performance of sludge settling property under nitrite existing conditions <i>X. Yang, Y. Z. Peng, J. C. Song, S. Y. Wang, J. Wang, Q. Yang</i>		Nitrogen removal performance and bacterial community in mixed-culture with freshwater- and marine- anammox bacteria <i>Y. Yamashita, L. H. V. Khanh, D. V. Luong, Q. Wei, X. Huang, N. Hong, T. Hama, Y. Kawagoshi</i>		Effect of physical and morphometric factors on nutrient removal in agricultural ponds <i>M. Saito, K. Okubo, S. Onodera, S. Takagi, Y. Maruyama, Y. Shimizu, G. Jin, D. Aritomi</i>				
15:45-16:00	Performance comparison of primary sludge anaerobic digestion in two-stage with recycle and single-stage semi-continuous process <i>T. Hojo, Y. Y. Li, O. Nishimura</i>		Evaluation of chronic impact of sulfamethoxazole in acetate biodegradation and microbial composition at different culture histories <i>G. Kor-Bicakci, I. Pala-Ozkok, A. Ural, A. Rehman, D. Jonas, E. Cokgor, D. Orhon</i>		Point and non-point source nutrient loading simulation for the Takasaki River basin, Chiba - Japan <i>E. D. P. Perera, Y. Iwami, K. Fukami</i>				
16:00-18:00							Poster and Exhibition		
18:00-20:00	Conference dinner								
							Poster (Core time)		

Time					Wednesday, 26 November			
Room A		Room B		Room C		Room D		
Keynote Speech 7								
9:00-9:30	Vitalization of rural area by converting waste of agro-industries to regional biomass resources <i>Prof. Dr. Y. Yuyama</i>							
Sludge stabilization, utilization and disposal		Biological treatment of wastewaters and wastes		Run-off and control of pollutants from agricultural				
9:30-9:45	Function of wood chips for composting of sewage sludge by the thermophilic and aerobic digestion <i>K. Hashimoto, T. Doi, T. Okuda, W. Nishijima, S. Nakai, K. Nishimura</i>	Full-scale anaerobic treatment of kraft pulp mill wastewater <i>K. Kamachi, Y. Tsukamoto</i>		Transportation of water and inorganic nitrogen components in the soil column of grain sorghum <i>R. Abukmeil, T. Fujii, N. Funamizu</i>		Poster and Exhibition		
9:45-10:00	Effect of ionic materials on microwave-assisted hydrolysis of waste activated sludge <i>J. H. Lee, J. M. Lee, S. H. Lee, J. S. Lim, T. J. Park, I. G. Byun</i>	Characterization of wastewater treatment by two microbial fuel cells in continuous flow operation <i>K. Kubota, T. Watanabe, T. Yamaguchi, K. Syutsubo</i>		Improvement of a catch crop system for reducing nitrate leaching and removing salts in greenhouses by pre-harvest flood irrigation <i>K. Kondo, T. Fujiwara, S. Yamane, D. Yasutake, M. Maeda, H. Nagare, S. Akao, M. Matsuoka</i>				
10:00-10:15	Environmental impact and decomposition stability in soil of waste based biogas digestates as influenced by post-treatment methods <i>V. Wragge, K. Nielsen, C.-L. Ross, K. Sensei-Gunke</i>	Development of BR-UASB-DHS system for natural rubber processing wastewater <i>T. Watari, N. T. Thanh, N. Tsuruoka, D. Tanikawa, K. Kuroda, N. L. Huong, N. M. Tan, H. T. Ha, M. Hatamoto, K. Syutsubo, M. Fukuda, T. Yamaguchi</i>		Determination of TOC based swine manure pollutant loads and reduction rate via resource recovery processing <i>Y. Lee, S. W. Oa</i>				
10:15-10:45		Coffee Break						
		The climate change mitigation and adaptation in agro-industries						
10:45-11:00	Biomass power system with sewage sludge incineration <i>T. Mizuno, T. Hoshi, S. Funaki, M. Shimada, T. Fujii, K. Oshita, M. Takaoka</i>	Environmental impact assessment of a sewage treatment plant under different operating conditions <i>I. Mishima, N. Yoshikawa, Y. Yoshida, K. Amano</i>		Erosion and nutrient enrichment under different tillage and weed control systems <i>I. S. Banuwa, Anndhi, U. Hasanudin, K. Fujie</i>				
11:00-11:15	Enhancing toxic metal removal and methane production from sewage sludge by acidification with nitrite addition <i>F. Du, I. Pikaar, S. Freguila, Z. Yuan, J. Keller</i>	Effect of carbon sources on nitrous oxide emission in a Modified <i>K. Song, S. Riya, A. Terada, M. Hosomi</i>		Effect on red soil erosion control of cultivating buckwheat and sweet potato in the Southwest Islands of Japan <i>T. Kubota, T. Hara, H. Ikoma, N. Yamaguchi, I.</i>				
11:15-11:30	Effective methane conversion in combined hyperthermophilic and thermophilic anaerobic digestion of coffee grounds <i>F. Nishimura, T. Oishi, T. Hidaka, Y. Takabe, T. Mizuno, H. Tsuno</i>	Effects of Rice Husk Amendment and Moisture Content on N ₂ O and CO ₂ Productions in Paddy Soil <i>T. K. T. Ha, M. Maeda, Q. T. Tran, T. Fujiwara, H. Nagare, S. Akao</i>		The effect of redox status on the bacterial community structure and biodegradation rate of organic fractions of agri-industrial effluent in sand bioreactors <i>P. J. Welz, Z. Palmer, S. Isaacs, B. Kirby, M. Le Roes-Hill</i>				
11:30-11:45	Degradation characteristics of polylactide in thermophilic anaerobic digestion with hyperthermophilic solubilization <i>R. Suzuki, F. Nishimura, T. Oishi, F. Wang, T. Hidaka, Y. Takabe, H. Tsuno</i>							
11:45-13:30		Lunch						
Keynote Speech 8								
13:30-14:00	Advanced wastewater treatment using microalgae: Effect of temperature on removal of nutrients and organic carbon <i>Fares A. Al Moman and Prof. Dr. B. Örneçi</i>							
Nutrient removal and recovery		The climate change mitigation and adaptation in agro-industries		Innovative water and waste management system for agricultural area				
14:00-14:15	Effects of common reed (<i>Phragmites australis</i>) on nitrogen removal and abundance of ammonia-oxidizing and denitrifying microorganisms in freshwater sediment <i>T. Toyama, Y. Nishimura, Y. Ogata, K. Sei, K. Mori, M.</i>	Nitrous oxide emissions during biological soil disinfestation with different organic matters and plastic mulch films in laboratory-scale tests <i>M. Maeda, E. Kayano, T. Fujiwara, H. Nagare, S. Akao</i>		Comparison of bacterial communities harboring alkane hydroxylase genes among petroleum-contaminated soils and roots of planted grasses <i>S. Tsuboi, S. Yamamura, T. Nakajima-Kambe, K.</i>		Poster and Exhibition		
14:15-14:30	Effect of formaldehyde/urea ratio on production rate of methylene urea <i>S. Kabore, R. Ito, N. Funamizu</i>	Nitrous oxide emission with submarine groundwater discharge in an agricultural watershed affected by significant fertilizer application <i>S. Onodera, K. Onishi, M. Saito, D. Aritomi, K. Onodera, Y. Maruyama, G. Jin, Y. Shimizu</i>		Salt removal from urine fertilized agricultural fields by rainfall and plant uptake <i>T. Fujii, N. Hijikata, K. Ushijima, R. Ito, N. Funamizu</i>				
14:30-14:45	Performance of hybrid constructed wetland system for piggery wastewater treatment <i>X. Zhang, T. Inoue, K. Kato, J. Harada, H. Izumoto, D. Wu, H. Sakuragi, H. Ietsugu, Y. Sugawara</i>			Effects of greywater irrigation treated by high rate algal ponds on soil chemical properties and vegetable production in dry season of Soudano-Sahelian climate <i>D. Sangare, B. Sawadogo, M. Sou/Dakoure, N. Hijikata, D. M. Ouedraogo, H. Yacouba, M. Takahashi, N.</i>				
14:45-15:15		Coffee Break						
15:15-15:30	Cultivation of a <i>S. platensis</i> with digested piggery wastewater <i>R. Liu, Q. Guo, W. Zheng, L. Chen, J. Luo</i>	Sustainable wastewater treatment in small scale tapioca factory <i>U. Hasanudin, T. P. Utomo, E. Suroso, B. R. Shivakoti, K. Fujie</i>		Establishment of RNA recovery method suitable for analyzing active microbial populations in cattle manure composting samples <i>D. Inoue, K. Sawada, S. Shikama, K. Sei, T. Fujiwara</i>				
15:30-15:45	High efficiency phosphorus recovery from digested sewage sludge <i>T. Hagino, M. Ogoshi, Y. Okazaki, T. Matsubayashi</i>	Zero emission system for sustainable agriculture in Asia <i>O. Higashi, Y. Shiratori, T. Kitaoka, H. Shirakawa</i>		Development of a waste water site strategy <i>J. Leonhäuser, U. Birkenbeul, H-T. Heideker</i>				
15:45-16:00	Evaluation of phosphorus removal by iron electrolysis using X-ray absorption fine structure measurement <i>I. Mishima, K. Ikeda, Y. Yokoyama, J. Nakajima</i>			Palm oil mill effluent treatment and utilization to ensure the sustainability of palm oil industries <i>U. Hasanudin, R. Sugiharto, A. Haryanto, T. Setiadi, K. Fujie</i>				
16:15-17:00		Closing ceremony						