



Detailed Program for Oral Presentation

Session A1	Host: <i>Dr. Li-Ju Jang</i> (NPUST) Co-host: <i>Dr. Aurick Yudha Nagara</i> (Brawijaya University)				
	Host Assistants: <i>Mr. Yi-Ta Hsieh, Mr. Zhi-Mou Chen</i>				
	Time: 13:20-15:00		Venue: Room BD104 (NPUST Bigdata Center)		pp.16-20
ISDC2020-AO01 Using machine learning for social flood vulnerability index weighting <i>by P. Vohnicky, J.-H. Jang, K.-F. Lee</i>	ISDC2020-AO02 Bayesian network analysis on hypertension among adults in Malaysia <i>by O.W. Lim, H.H. Liew, X.R. Eng, C.K. Yong, P.L.-M. Boucher, L.L. Lim</i>	ISDC2020-AO03 Disaster impact assessment of primary industry and secondary industry in Miaoli County <i>by W.-C. Huang, P.-C. Shih, W.-C. Liu</i>	ISDC2020-AO04 Suitability assessment of existing buildings as emergency shelters during flooding using analytic hierarchy process as applied in Bauan, Batangas Philippines <i>by L.M. Samudio, F.J. Tan, C.E.F. Monjardin, F.A.A. Uy</i>	ISDC2020-AO05 A comparison between changes in a protected and unprotected wetland: Case study in Eswatini <i>by L. Nkosi, S. Mabaso, S. Tfwala</i>	
Session A2	Host: <i>Dr. Wen-Shinn Shyu</i> (NPUST) Co-host: <i>Dr. Adi Susilo</i> (Brawijaya University)				
	Host Assistants: <i>Mr. Yi-Ta Hsieh, Mr. Zhi-Mou Chen</i>				
	Time: 15:40-17:20		Venue: Room BD104 (NPUST Bigdata Center)		pp.21-26
ISDC2020-AO06 Collaboration between the government and private sectors in community recovery: Using text-mining to extract concepts from graduation theses <i>by A. Lebowitz, L.-J. Jang</i>	ISDC2020-AO07 Distribution and transfer factor of natural nuclides ⁴⁰ K, ²²⁶ Ra, and ²³² Th for tobacco root, stem, and leaf <i>by W.-S. Huang, Y.-L. Yeh, S.-C. Lin, T.-C. Chen</i>	ISDC2020-AO08 An application of truck loading system to increase distribution business' transportation efficiency <i>by A. Pipatprapa, K. Khaimook</i>	ISDC2020-AO09 Identification of heritage building prone to tsunami in coastal area of Sumatra and Java <i>by W. Widiyanto, R. Andaru, S.-C. Hsiao</i>	ISDC2020-AO10 Determination of rainfall threshold in floodplain areas of Manghiniao River for early flood warning <i>by C.E.F. Monjardin, F.A.P. Coronado, P.A.A. Nalles, F.A.A. Uy, F.J. Tan</i>	
Session A3	Host: <i>Dr. Tingchien Chen</i> (NPUST) Co-host: <i>Dr. Ching-Nuo Chen</i> (NPUST)				
	Host Assistants: <i>Ms. Yu-Han Lin, Ms. Shu-Shan Luo, Mr. Jian-Liang Pan</i>				
	Time: 13:20-15:00		Venue: Room BD105 (NPUST Bigdata Center)		pp.27-30
ISDC2020-AO11 Evaluation of sediment change for building check dam using numerical simulation <i>by C.H. Yen, K.-T. Chen, M.-H. Lee</i>	ISDC2020-AO12 The application of object-based classification on large woody debris <i>by S. Tfwala, M.-C. Liang, S.-C. Chen</i>	ISDC2020-AO13 Assessment of natural radioactivity levels and radiation hazards in water in the Pingtung, Taiwan <i>by Y.Y. Liu, Y.-L. Yeh, T.C. Chen</i>	ISDC2020-AO14 Fluorescence properties of sized water dissolved organic matters (WEOM) extracted from wastewater treatment plant sludge comparison to Vermi-digest and natural degradation <i>by C.-W. Chuang, W.-S. Huang, T.-C. Chen</i>		



Session B1	Host: <i>Dr. Pearl Chang (NPUST)</i> Co-host: <i>Dr. Prayogo Cahyo (University of Brawijaya)</i> Host Assistants: <i>Ms. Tzu-Hsuan Wen, Ms. Wan-Lin Cheng</i>				
	Time: 13:20-15:00 Venue: International Conference Hall (NPUST Library 4th Floor) pp.47-53				
ISDC2020-BO01 The rapid detection of phytic acid (PA) in beans by Raman spectroscopy by <i>T.S. Manyatsi, Y.-T. Jou</i>	ISDC2020-BO02 Towards adaptive scheduling of shared resources for precise farming by <i>P. Skobelev, I. Mayorov, E. Simonova, A. Tabachinskiy, Y.-C. Hsu, T.-R. Lee, Y.-Y. Chao</i>	ISDC2020-BO03 Effect of different rootstocks on plant growth, yield, quality of Korean melon in Vietnam by <i>D.H. Tran, T.K.O. Le, T.H. Ngo</i>	ISDC2020-BO04 Soil carbon sequestration and vegetation succession in landslide scars with artificial restoration in subtropical area by <i>Y.-L. Kuo, S.-H. Jien</i>	ISDC2020-BO05 A warning information for rice lodging by employing vegetation indices from spectral images by <i>T.-H. Wen, P. Cahyo, J.-Y. Huang, W.-S. Lin, Y.-M. Wang</i>	
Session B2	Host: <i>Dr. Wen-Shin Lin (NPUST)</i> Co-host: <i>Dr. Mohd Hasmadi Ismail (Universiti Putra Malaysia)</i> Host Assistants: <i>Ms. Tzu-Hsuan Wen, Ms. Wan-Lin Cheng</i>				
	Time: 15:40-17:20 Venue: International Conference Hall (NPUST Library 4th Floor) pp.54-59				
ISDC2020-BO06 Isolation of plant growth-promoting bacteria with antifungal activity against <i>Ascosphaera apis</i> by <i>M.-J. Lyu, V. Chaimanee, Y.-H. Lin, P. Chang</i>	ISDC2020-BO07 Precision agriculture as the way forward in sustainable oil palm plantation management by <i>F.M. Muharam, C.S. Hamsa, N.S. Naharuddin, M.H. Ismail, Y.-M. Wang</i>	ISDC2020-BO08 Cascading use of agricultural residues: A combination of energy and activated carbon production from cashew nut shell by <i>V.B. Tran, N.L. Vu, H.N. Nguyen</i>	ISDC2020-BO09 Improving rice growth under saline condition by beneficial rhizobacteria by <i>J. Sipayung, H. Tarno, W. Lo, P. Chang</i>	ISDC2020-BO10 From irrigation water to bacterial leaf blight of rice – a study in Southern Taiwan by <i>R.-Q. Chen, L. Sulistyowati, Y.-H. Weng, Y.-M. Wang, P. Chang, Y.-T. Jou</i>	ISDC2020-BO11 Synergistic effect of heat treatment and γ -irradiation on pasting and rheological properties of whole and dehulled millets by <i>H.-H. Huang, J.-T. Lee, H.-T. Yang, P.K. Dikkala</i>
Session B3	Host: <i>Dr. Chi Yu (NPUST)</i> Co-host: <i>Dr. Shao-Yu Peng (NPUST)</i> Host Assistants: <i>Ms. Yu-Han Su, Ms. Đoàn Thị Thu Dung</i>				
	Time: 13:20-15:00 Venue: Conference Room (NPUST Library 4th Floor) pp.60-63,68				
ISDC2020-BO12 Tomorrows smart pig farming – today! by <i>C.F. Poulsen, N. Jespersen</i>	ISDC2020-BO13 Cloning and expression of bovine viral diarrhea virus' truncated E2 glycoprotein by <i>Y.-T. Lo, H.-C. Wu, C.-Y. Chu</i>	ISDC2020-BO14 The cellular thermotolerance of cloned Holstein cattle containing cytoplasm from Taiwan yellow cattle is improved and inheritable by <i>P. Kesorn, J.-W. Lee, P.-C. Shen</i>	ISDC2020-BO15 Identification of brain sensors for body-fluid osmolality control by <i>C.-H. Lin</i>	ISDC2020-BO20 Assessment of immunocontraceptive vaccine for population control: Evaluation of a recombinant fusion GnRH vaccine in mice by <i>A.-M. Chang, D.-L. Hou, C.-C. Chen, G.-M. Ke, J.-W. Lee</i>	
Session B4	Host: <i>Dr. Yu-Hung Lin (NPUST)</i> Co-host: <i>Dr. Chin-Chyuan Chang (NPUST)</i> Host Assistants: <i>Ms. Yu-Han Su, Ms. Đoàn Thị Thu Dung</i>				
	Time: 15:40-17:20 Venue: Conference Room (NPUST Library 4th Floor) pp.64-67				
ISDC2020-BO16 Sustainable development of eel aquaculture industry in Taiwan by <i>W.-N. Tzeng</i>	ISDC2020-BO17 Recent development of aquaculture on Guam by <i>H.-G. Jiang</i>	ISDC2020-BO18 Dried cacao pod husk extra up-regulates immune response, disease resistance and promotes anti-hypothermal stress in <i>Litopenaeus vannamei</i> by <i>H.W. Kuo, W. Cheng</i>	ISDC2020-BO19 Effects of dietary dried lemon peel powder on growth, body composition, non-specific immune responses and intestinal morphology of grouper, <i>Epinephelus coioides</i> fed a diet with high soybean meal by <i>L.-C. Zhuo, Y.-H. Lin</i>		



Session C1	Host: <i>Dr. Sumomman Niamlang</i> (RMUTT) Co-host: <i>Dr. Way Long</i> (NPUST) Host Assistants: <i>Mr. Yao-Yu Tsai, Mr. Juwin Ng</i>				
	Time: 13:20-15:00 Venue: Alumni Meeting Room (NPUST Library 3rd Floor) pp.91-96				
ISDC2020-CO01 Demand for animal food in the rural and urban of Nusa Tenggara Barat, Indonesia by <i>A.R. Pratama, N. Khoiriyah</i>	ISDC2020-CO02 Ultrasonic pretreatment of kitchen waste during thermophilic anaerobic digestion – A pilot study by <i>K.-L. Cheng, C.-P. Chu, C.-J. Tsao, W.-C. Kuo</i>	ISDC2020-CO03 Prospect of Sustainable agriculture development through animal plant integration system in Pagerwojo district, Tulungagung Regency, Indonesia by <i>A. Nadhirah, S.M. Purnama</i>	ISDC2020-CO04 Developing a commercial multiple hearth furnace for mass production of biochar by <i>K.-T. Wu, K.-C. Yang, H.-J. Lai</i>	ISDC2020-CO05 21st century balanced farming by <i>N.E. Jespersen</i>	ISDC2020-CO06 Developing an innovative agro-waste gasification power generation integrated the portable microgrid system by <i>K.-T. Wu, N. Manmai, K.-C. Yang, H.-J. Lai</i>
Session C2	Host: <i>Dr. Keng-Tung Wu</i> (National Chung Hsing University) Co-host: <i>Dr. Shih-Hao Jien</i> (NPUST) Host Assistants: <i>Mr. Yao-Yu Tsai, Mr. Juwin Ng</i>				
	Time: 15:40-17:20 Venue: Alumni Meeting Room (NPUST Library 3rd Floor) pp.97-101				
ISDC2020-CO07 Sustainable supply chain management and sustainable performance in the organic certified coffee industry in East Java province, Indonesia by <i>D. Retnoningsih</i>	ISDC2020-CO08 Co-digestion of pig manure with fruit and vegetable wastes by two-phase anaerobic process and its feasibility in Vietnam by <i>V.-R. Le, Y.-Y. Zhang, W.-C. Kuo</i>	ISDC2020-CO09 A survey on porcine intestinal microbiome and the potential of porcine feces in the replacement of feed by <i>Y.-T. Wu, S.-Y. Peng, S.-H. Yang, X.-P. Yang</i>	ISDC2020-CO10 Identifying the feasibility of reusing livestock wastewater for agriculture in peri-urban area in Ha Noi by <i>T.H.G. Nguyen, P.K.H. Bui, C.C. Tran, D.A. Luong, T.S. Cao, T.A. Ngo</i>	ISDC2020-CO11 Utilizing an LTE network to create a real-time drip irrigation system for automated IoT agricultural management platform by <i>M.-C. Hsiao, T.-S. Chen, J. Chen, F.-R. Hsu, Y.-H. Kuo, W.-R. Chen, L.-S. Chen</i>	



Session D1	Host: <i>Dr. Chi-Ying Hsieh</i> (NPUST) Co-host: <i>Dr. Kuo-Pin Chuang</i> (NPUST) Host Assistants: <i>Mr. Chen-Hui Chen, Mr. Wei-Chih Chin</i>				
	Time: 13:20-15:00 Venue: Room BD205 (NPUST Bigdata Center) pp.109-114				
ISDC2020-DO01 Chemophysical assessments provide necessary steps in the ecological restoration of wetlands <i>by H.-U. Dahms, C.-Y. Hsieh, A.J. Rathinam, M.-F. Cho</i>	ISDC2020-DO02 Detection of oil spill impact on mangrove ecosystem in Untung Jawa Island, Seribu Islands, Indonesia <i>by G. Munggaran, L.F. Amalo, D. Mulyana, L.D.W. Handayani, P.A. Permatasari, P.A. Wibowo</i>	ISDC2020-DO03 Water management by mimicking natural process through gate operation at Qigu Salt Pan Wetland <i>by A.A. Salim, H.-W. Wang, R. Chen, C.C. Chih</i>	ISDC2020-DO04 Short term effect of oil spill on sea water quality <i>by H. Effendi, Mursalin, M.D. Putra, Y. Wardiatno, S. Hariyadi</i>	ISDC2020-DO05 Bridging local and expert knowledge for revitalization of a rural landscape in Taiwan <i>by P. Karimova, K.-C. Lee</i>	ISDC2020-DO06 Moving Forward with adaptive management in urban stream governance: A review and urban commoning scenario building exercise <i>by H. Chien</i>
Session D2	Host: <i>Dr. Hans-Uwe Dahms</i> (Kaohsiung Medical University) Co-host: <i>Dr. I-Ling Lai</i> (NPUST) Host Assistants: <i>Mr. Chen-Hui Chen, Mr. Wei-Chih Chin</i>				
	Time: 15:40-17:20 Venue: Room BD205 (NPUST Bigdata Center) pp.115-121				
ISDC2020-DO07 The fish quality collected from coastal waters affected by oil spill with highlight on heavy metals concentration <i>by I.A. Nur, L.F. Amalo, V.N. Trissanti, A.A. Hakim, H. Effendi, Y. Wardiatno</i>	ISDC2020-DO08 Heavy metal content in green mussels and crabs as an indicator of heavy metals presence in the coastal waters of Karawang, Indonesia <i>by Mursalin, A.A. Hakim, I.A. Nur, L.F. Amalo, V.N. Trissanti, H. Effendi, Y. Wardiatno</i>	ISDC2020-DO09 Influence of rhizobacteria on soil ion concentration under paddy condition <i>by E.J. Tarigan, C. Prayogo, Y.T. Weng, C.K. Kobua, Y.T. Jou, Y.M. Wang</i>	ISDC2020-DO10 Spatial distribution of agricultural yields with elevated metal concentration of the island exposed to acid mine drainage <i>by D.B. Senoro, P. Bonifacio, D.R. Mascarenas, C.B. Tabelin, F.P. Ney, M.R.L. Lamac, F.J. Tan</i>	ISDC2020-DO11 Mercury-resistant endophytic bacteria promote biomass production of mercury-accumulating grass and phytoextraction of mercury <i>by R. Ustiatik, Y. Nuraini, E. Handayanto, Suharjono</i>	ISDC2020-DO12 Potential of mercury (Hg) remediation in small scale gold tailings (ASGM) using biofilm producing bacteria <i>by S. Nurfitriani, Y. Nuraini, E. Arisoelaningsih, E. Handayanto</i>
Session D3	Host: <i>Dr. Ching-Hsing Chen</i> (NPUST) Co-host: <i>Dr. Pei-Hsuan Lee</i> (NPUST) Host Assistants: <i>Ms. Yu-Han Lin, Ms. Shu-Shan Luo, Mr. Jian-Liang Pan</i>				
	Time: 15:40-17:20 Venue: Room BD105 (NPUST Bigdata Center) pp.122-128				
ISDC2020-DO13 Stature characteristics of evacuation centers: Sustainability strategy in Marinduque Island province, Philippines <i>by D.R. Mascareñas, D.B. Senoro, R.A.C. Robielos, W. Dayahan, F.P. Ney, M. Hirono, P. Natal, M.R.L. Lamac, R. Nolos, M.C. Mani</i>	ISDC2020-DO14 Ecological corridor connection and benefits assessment of removed invasive forest and afforestation in Hengchun Peninsula <i>by J.-C. Chen, C.-H. Wei, C.-T. Chen, C.-H. Chang</i>	ISDC2020-DO15 Using UAV image for surface particle size in habitat quantification <i>by H.-C. Chan, P.-W. Lin</i>	ISDC2020-DO16 Vietnam, the big market and cross bridges of illegal wildlife trade in Asia: Causes and solutions <i>by V.S. Nguyen, T.K.H. Vuong, X.H. Nguyen, T.T. Nguyen</i>	ISDC2020-DO17 Lignocellulose degradation of municipal sewage sludge for water remediation, biogas, and fertile soil production <i>by P. Sethuraman, M. Panagal, Z. Aghalari, M.-F. Cho, C.-Y. Hsieh, M. Perumal, H.-U. Dahms</i>	



Detailed Program for Poster Presentation

Session A	Time: 15:00-15:40	Venue: Aisle (NPUST Library 4th Floor)	pp.31-44
ISDC2020-AP01	Predicting violation hotspots of Taichung City by using logistic regression analysis <i>by H.-C. Chan, M.-X. Chen</i>		
ISDC2020-AP02	Village-scale flood risk assessment <i>by Z.-M. Chen, Y.-L. Yeh, T.-C. Chen, J.-C. Fu</i>		
ISDC2020-AP03	Hydrogeological and hydraulic aspects on land subsidence and coastal flooding in Semarang, Indonesia <i>by S. N. Purnomo, W. C. Lo</i>		
ISDC2020-AP04	Integration of hydrodynamic model and slope stabilization to assess riverbank safety - an example of Lai-Ser River of Laiyi Township <i>by H.-C. Chan, C.-H. Kuo</i>		
ISDC2020-AP05	Potential hazard mapping for toxic chemical compounds release using ALOHA combining with ArcGIS and IDW method-case study: Two plants in Pingtung, Taiwan <i>by H.-S. Hung, T.-C. Chen, Y.-L. Yeh</i>		
ISDC2020-AP06	Investigation on runoff of the single cadastral base development by codes of water retention in urban design review in Tanhai New Town <i>by J.-C. Fu, C.-M. Tung, J.-M. Jia</i>		
ISDC2020-AP07	A physical model for dam constructions at confluence of Yangan river and Beigang river <i>by H.-C. Chan, C.-C. Hung</i>		
ISDC2020-AP08	Numerical study on aerodynamic characteristics of farming type solar photovoltaic panel anti-typhoon array combination <i>by Y.-Y. Tsai, C.-H. Shih</i>		
ISDC2020-AP09	Seasonal responses of dynamic storage components at basin scale <i>by C.C.Huang, H.-F. Yeh</i>		
ISDC2020-AP10	Experimental study on channel flow in steep slope <i>by H.-C. Chan, T.-Y. Hsieh</i>		
ISDC2020-AP11	Experiences of promoting the disaster information integration and exchange for central and local governments, Taiwan <i>by J.-C. Fu</i>		
ISDC2020-AP12	Investigating landslide change in the Lishan Region of Taiwan with digital aerial data <i>by Y.-T. Hsieh, Z.-M. Chen, K.-T. Chen, Y.-L. Yeh</i>		
ISDC2020-AP13	Increasing awareness of ageism in Taiwan: Taking media portrayals of dementia as examples <i>by C.-H. Chen, Y.-H. Huang</i>		
ISDC2020-AP14	Backlayering number: A proposed dimensionless number for the characterization of smoke backlayering in tunnel fires <i>by J.C. Leong</i>		
Session B	Time: 15:00-15:40	Venue: Aisle (NPUST Library 4th Floor)	pp.69-87
ISDC2020-BP01	Effects of Micro-Aid Liquid 10 on growth performance, gut microbiota, and resistance against Vibron alginolytics in white shrimp, <i>Litopenaeus vannamei</i> <i>by K.-C. Huang, C.-H. Liu, J.-W. Lee, Z. Huang</i>		
ISDC2020-BP02	Anti-fatigue effect of dripped chicken essence of spent hens within different gender on hold mice <i>by T.C. Chang, L.C. Lin, F.Y. Cheng</i>		
ISDC2020-BP03	Zero-waste agricultural system bagasse pellet <i>by H.N. Nguyen, B.T. Van</i>		
ISDC2020-BP04	Preliminary study of the relationship between apolipoprotein B receptor gene polymorphism and subclinical ketosis in dairy cows <i>by C.-Y. Li, P.-Y. Wang, K.-T. Yang</i>		
ISDC2020-BP05	Red bean tempeh fermented with co-culture inoculum: GABA content, anti-stress and antimicrobial properties <i>by Y.-C. Wang, C.-Y. Hu, Y.-C. Chen</i>		
ISDC2020-BP06	A high-throughput screening of substrate-type inhibitory peptides against dipeptidyl peptidase 4 from the hydrolysate of soft-shelled turtle yolk using LC-MS/MS coupled with in silico analysis <i>by S.-H. Chen, S.-S. Liu, J.-L. Hsu</i>		
ISDC2020-BP07	Specific flavonoids as signals of proteomic expression in early symbiosis of indigenous rhizobia <i>by C.-C. Su, Y.-J. Wu, Y.-C. Chen, C.-Y. Hu</i>		
ISDC2020-BP08	Self-made ammonia nitrogen alarm system using conductivity <i>by M.-C. Tseng, H.-H. Tsai</i>		
ISDC2020-BP09	The effect of different color of light emitting diode (LED) illumination on Brown Tsaiya duck <i>by C.-H. Su, W.-C. Chen, C.-H. Cheng, J.-H. Lin, H.-C. Liu, Y.-T. Yu, C.-C. Lin, W.-J. Chen</i>		
ISDC2020-BP10	Study of the novel remote spraying by using two unmanned air vehicles with different functional applications in rice cultivation <i>by C.-H. Chen, T.-H. Wen, C.-K. Lee, Y.-M. Wang, P.-M. Li</i>		
ISDC2020-BP11	Effect of system of probiotics and rice intensification on ion concentration availability in rice paddy fields <i>by Y.T. Weng, C.K. Kobua, E.J. Tarigan, Y.H. Weng, Y.M. Wang, Y.T. Jou</i>		



ISDC2020-BP12	Retrieving the value of rice: A case study of Shiny Glory Rice CO., LTD management by <i>H.-M. Wang, J.-H. Wang</i>	
ISDC2020-BP13	Internet of Things based smart irrigation control system for paddy rice field by <i>L.-W. Liu, M.H. Ismail, Y.-M. Wang, W.-S. Lin</i>	
ISDC2020-BP14	Research on optimal configuration of production line of conveyor belt grafting auxiliary equipment by <i>C.-Y. Chang, Y.-C. Hung, Y.-I Huang</i>	
ISDC2020-BP15	Effect of altered light spectral quality on the growth of vegetables by <i>T.-H. Wen, C. Prayogo, W. Lo, Y.-Y. Liu, Y.-M. Wang, Y.-T. Jou</i>	
ISDC2020-BP16	Mathematical modeling of Langstroth beehive using simple lumped-mass porous model by <i>K.-H. Jhong, C.-I Lin, Z.-L. Wang, Y.-T. Li, J.C. Leong</i>	
ISDC2020-BP18	Modeling and verification of intelligence fogging control system by <i>L.-H. Chen, S.-C. Lee, Y.-I Huang</i>	
ISDC2020-BP19	Impact of facility cultivation management model on production benefits: A case of snack tomato in Taiwan by <i>C.-C. Chang, L.-H. Chien, Y.-I Huang</i>	
ISDC2020-BP20	Analysis of a dome-shape net house by <i>R.-H. Han, J.C. Leong</i>	
Session C	Time: 15:00-15:40	Venue: Aisle (NPUST Library 4th Floor) pp.102-106
ISDC2020-CP01	Formula pelletization from the agricultural residues using in BBQ fuel by <i>W. Long, C.-C. Chien, H.-F. Lan, S.-C. Lee</i>	
ISDC2020-CP02	The influence of Hyperloop pressure variation on the aerodynamic performance of Hyperloop XP-1 passenger test pod by <i>S.W. Yang, J.C. Leong</i>	
ISDC2020-CP03	Implementation of energy saving measures in the university building by <i>M.Y. Savchenko-Pererva, O.V. Radchuk</i>	
ISDC2020-CP04	Effects of wooden organic resilient materials on floor impact sound performance by <i>C.-H. Feng, C.-W. Chiu, F.-M. Lin</i>	
Session D	Time: 15:00-15:40	Venue: Aisle (NPUST Library 4th Floor) pp.129-140
ISDC2020-DP01	Enhancing rice grain yields using plant growth promoting rhizobacteria by <i>C.K. Kobua, Y.T. Jou, D. Suprayogo, Y.M. Wang</i>	
ISDC2020-DP02	Environmental toxicity assessment by chemcomputation – a step forward towards ecosystem restoration by <i>H.-U. Dahms, M.-F. Cho, J.-F. Hong, W. Ambarsari, S. Singh, R. Gurunathan, J.-H. Kim, J.-S. Hwang, C.-Y. Hsieh, A.J. Rathinam</i>	
ISDC2020-DP03	Relationship of permeable and conventional pavement of temperature variation by <i>Y.L. Chen, C.C. Yang, F.L. Liao, Y.M. Wang, W.C. Yeh</i>	
ISDC2020-DP04	Can chemcomputation predict the safety of seafood for children? by <i>M.-F. Cho, S. Kosuru, H.-U. Dahms</i>	
ISDC2020-DP05	Effects of calcined oyster shell powder on common agricultural pests by <i>L.-H. Wu, X.-W. Peng, Y.-R. Li</i>	
ISDC2020-DP06	Personal care products in wastewater – multiple biomarker evaluation of their environmental health risks by <i>C.-Y. Hsieh, S.-M. Liang, M.-C. Wu, C.-H. Liu, H.-C. Kuo, Y.-C. Chen, C.-H. Liu, H.-U. Dahms</i>	
ISDC2020-DP07	Fighting with chemicals – Allelopathies of thermophilic hydrothermal bacteria by <i>R. Gurunathan, H.-U. Dahms, S. Singh, C.-H. Liu, W. Ambarsari, S. Kosuru, W. Ambarsari, V. Kumar P., J.-S. Hwang, A.J. Rathinam</i>	
ISDC2020-DP08	Role of AhR activation in EMT of pulmonary epithelial cells by <i>P. Selvam, H.H. Su, C.L. Lai, C.-M. Chen, H.-U. Dahms, C.-M. Cheng</i>	
ISDC2020-DP09	Biodiversity and user preference in urban green space by <i>K. Chang, H. Chien, P. Chen, M. Sie</i>	
ISDC2020-DP10	Efficient removal of Cd (II) and toxic dye Rose Bengal from aqueous solution using Fe ₃ O ₄ /IL conjugated g-C ₃ N ₄ alginate beads by <i>E. Arputharaj A., S.K. Kumar, Y.-L. Huang, S.-J. Jiang, H.-U. Dahms</i>	
ISDC2020-DP11	Comparison of irrigation water and biological species with eco-agricultural and conventional farming methods for paddy fields in Taiwan by <i>S.-F. Kuo, W.-B. Wang, S.-A. Xie, C.-H. Tan</i>	
ISDC2020-DP12	Antioxidant activity of banana inflorescence extracts by <i>P.H. Lee, Y.-Q Wang, P.C. Hsieh</i>	