

PAWEEW 2014 Poster Session

Poster Session	
1	<p>Life Prediction of Marine Environmental Concrete Subjected to Combined Freezing-and-thawing, Carbonation and Chloride Attack</p> <p>Hanjoong Kim (Hankyong National University), Sungyong Lee, Shinwon Paik</p>
2	<p>FSSO-PSO on water and sediment regulation in Ningxia-Inner Mongolia reach</p> <p>Bai Tao* (Xi'an University of Technology), Wang Yimin, Chang Fi-John, Hu Jia-Hao, Chih Tsung-Han</p>
3	<p>Reconstruction of long-term Class A pan evaporation data and investigation of pan evaporation trend in Taiwan</p> <p>Yan-Jin Lai (Feng Chia University), Yi-Hsin Li, Shien-Tsung Chen* (Feng Chia University)</p>
4	<p>Purification of the River Water Using the Constructed Wetlands on the High Riverbank of Wu River</p> <p>Hsin-Hsu Huang (Sinotech Inc., Taiwan), Yu-De Huang, Ching- Ping Chu* (Sinotech Inc., Taiwan), Ching-Yi Wang, Bo-Tsong Lin, Chan-Ming Tsai</p>
5	<p>Establishment of Carbon Emission Management of the Water Reservoirs</p> <p>Wan-Chi Huang (Sinotech Inc., Taiwan), Yu-De Huang, Yu- Hsuan Wang, Ching-Ping Chu* (Sinotech Inc., Taiwan), Chan-Ming Tsai</p>
6	<p>Spatiotemporal Distribution and Impact of Natural and Effective Rainfall Under Climate change in the Middle of Taiwan</p> <p>Feng-Wen Chen* (Agricultural Engineering Research Center, Taiwan), Chen-Wuing Liu</p>
7	<p>Effects of a RicePlant Hydroponics System on Thermal Environment over Urban Rooftop During Summer</p> <p>Yoshikazu Tanaka* (Kyoto University), Shigeto Kawashima, Takehide Hama</p>

8	<p>Effects of rapid changes in water levels on the distribution of fish during the non-irrigation period in restoration areas of a paddy field channel, western Japan</p> <p>Kazuyoshi Nakata* (Okayama University), Yuki Kadowaki</p>
9	<p>Development of Steel Sheet Pile – Concrete Composite for Conservation of Corroded Agricultural Canal</p> <p>Shuichi Kobayashi* (MIZUKURAGUMI Co., Ltd, JAPAN), Tetsuya Suzuki, Toshihiro Morii</p>
10	<p>Estimation of Irrigation Pumpage Using Monthly Electricity Usage – A Case Study of Changhua-Yunlin Area</p> <p>Nien-Sheng Hsu* (National Taiwan University), Chia-Shun Tsai, Liang-Wei Yang, Hung-Jen Liu, Hsiao-Mei Cheng</p>
11	<p>The effect of the organic matter on soil fertility after stripping the Cs contaminated-top soil off at Iitate Village in Fukushima Prefecture.</p> <p>Junko Nishiwaki* (Ibaraki University), Naomi Asagi, Masakazu Komatsuzaki, Masaru Mizoguchi, Kosuke Noborio</p>
12	<p>Study on the Irrigation Operation Mechanism with Considering Influence on Pond Water Quality due to Reducing Agricultural Water</p> <p>Wen-Tsun Fang* (Agricultural Engineering Research Center, Taiwan), Chuan-Pin Chien, Shu-Chen Chen</p>
13	<p>Evaluating Long-term Temporal Trend of Rainfall Characteristic Parameters by Using Time Series Analysis and Nonparametric Statistical Methods</p> <p>Feng-Wen Chen* (Agricultural Engineering Research Center, Taiwan), Chen-Wuing Liu</p>
14	<p>Assessing the Contribution of Effective Rainfall in Paddy Fields Characteristic Parameters by Using Dynamic Factor Analysis (DFA)</p> <p>Feng-Wen Chen* (Agricultural Engineering Research Center, Taiwan), Chen-Wuing Liu</p>
15	<p>Effect of water management techniques on water and soil temperature in irrigated rice paddy field</p> <p>Kazuhiro Nishida* (The University of Tokyo), Marie Mitsuyasu, Shuichiro Yoshida, Mikio Nomura</p>
16	<p>Vertical movement of radiocaesium in Madei paddy field in Iitate village, Fukushima</p> <p>Masaru Mizoguchi* (The University of Tokyo), Kazuo Iib, Yoichi Tao</p>
17	<p>The influence of water depth on water and soil temperature in paddy fields</p> <p>Marie Mitsuyasu* (Sanyu Consultants Inc., Japan), Kazuhiro Nishida and Shuichiro Yoshida</p>

18	<p>Relationship between administrative organs and capabilities of municipalities for wildlife management in Japan</p> <p>Tomoya Kishioka* (Kyoto University), Shizuka Hashimoto, Satoshi Hoshino, Yasuaki Kuki, Natsuki Shimizu</p>
19	<p>Herbicide behavior of butachlor and pyrazosulfuron-ethyl for rice husk gasification residue application using micro paddy lysimeter</p> <p>Junghun Oka (National Academy of Agricultural Sciences, Republic of Korea), Sok Pisith, Hirozumi Watanabe* Tokyo (University of Agriculture and Technology), Dang Quoc Thuyet, Julien Boulange, Kazuhiro Takagi</p>
20	<p>Research introduction for "How to investigate drying streams in rural area with distributed reasons (2014-2019)"</p> <p>Jeong-Soo Park (Hankyong University), Do-Sik Youn, and Han- Joong Kim* (Hankyong University)</p>
21	<p>Research introduction for "Impact assessment and confrontation for drying streams via distributed hydrological modeling technique (2014-2019)"</p> <p>Hyung-Kyung Joh (Konkuk University), So-Ra Ahn, Yong-Gwan Lee, Sun-Sook Jang, Seong-Joon Kim* (Konkuk University)</p>
22	<p>Simple storage function approach to risk evaluation of wet injury of upland crops cultivated in paddy fields</p> <p>Shuichiro Yoshida* (The University of Tokyo), Kenichi Inoue, Toyohiko Oida, Shinya Nakamura, Kazuhiro Nishida</p>
23	<p>Comparison on Flood Damage-Depth Curves Established by Questionnaire Investigation and Synthesis Approach for Residential Area in Yilan</p> <p>Ling-Fang Chang* (Agricultural Engineering Research Center, Taiwan), Ming-Daw Su, Wen-Tsun Fang</p>
24	<p>Relationship between Irrigation Efficiency and Productivity under Different Growing Period and Irrigation Interval</p> <p>Ching-Tien Chen (National Chiayi University), Yu-Chuan Chang* (Hsing-Wu University), Yi-Ju Lin, Cheng-Haw Lee</p>
25	<p>A Model to Support Cropping Plan and Crop Rotation Decisions in Taiwan</p> <p>Yi-Ju Lin (National Cheng Kung University), Ching-Tien Chen* (Chiayi University), Cheng-Haw Lee</p>
26	<p>Optimal Agricultural Water Resources Allocation Strategies Adapting to Growing Water Demands</p> <p>Yu-Chung Wang, Fi-John Chang*, Wen-Ping Tsai</p>

27	<p>Intelligent Water Resources Allocation Strategy for Growing Water Demands</p> <p>Yu-Chung Wang (National Taiwan University), Fi-John Chang* (National Taiwan University)</p>
28	<p>Identifying optimal strategy for multiple rainfall fusion using ensemble artificial neural networks</p> <p>Yen-Ming Chiang* (Zhejiang University)</p>
29	<p>Sustainable practices management: case in selected paddy farming in West Malaysia</p> <p>Zakirah Othman (Universiti Utara Malaysia), Suria Musa, Nurul Huda Che Ali</p>
30	<p>Development of Hydraulic Design Criteria of Drainage System</p> <p>N.H. Pandjaitan* (Bogor Agricultural University), Prastowo, A.Sapei, H.K.Wijaya</p>
31	<p>Application of Fertilizer Driven Forward Osmosis to Brackish Desalination for Irrigation Water Use</p> <p>Hee-Kyung An, Seong-Jik Park*(Hankyong National University)</p>
32	<p>Iron Containing Polymer beads for Removal of Phosphate from Aqueous Solution</p> <p>Ku Kang, Seong-Jik Park*(Hankyong National University)</p>
33	<p>Temporal and Spatial Characteristics of NPS Pollution in Saemangeum Watershed</p> <p>Nankya Monica, Seulgi Lee*(Kyungpook National University), Kyung Sook Choi</p>
34	<p>Damage Estimation of Structural Materials in an Agricultural Infrastructure using Non-Destructive Testing</p> <p>Shuntaro YAMAGISHI*(Niigata University), Tetsuya SUZUKI, Toshihiro Morii</p>
35	<p>Use of Magnesium Improved Soil mixed with Rice Straw Fibers for Optimization of Structural Material in an Agricultural Canal</p> <p>Yuma SHIMAMOTO, Tetsuya SUZUKI*(Niigata University)</p>