

Poster Session

October 17, 2016, 17:30-19:00 • October 18, 2016, 17:30-19:00

Accepted Posters:

<p>A Simple Feasibility Study On Permeable Materials By Sintering Multi-Wastes <i>Jinzhong YANG^{1,2}, Qifei HUANG², Yufei YANG², Ya XU</i> <i>¹Beijing Normal University, ²Chinese Research Academy of Environment Sciences,</i></p>
<p>Theoretical And Empirical Study On Coordination Of Industrialization And Urbanization Taking Tieling City As An Example <i>SHEN Peng, FU Zeqiang, WU Na, GAO Bao, Xie Yuanyuan</i> <i>Chinese Research Academy of Environmental Sciences</i></p>
<p>An Experimental Study On Concrete By Replacing Laterite As Coarse Aggregate <i>Naveen A P, Anjumol P, Saran Kumar R, Alan V Thomas, Adithya Raj, Vineeth Venu</i> <i>St Thomas College of Engineering & Technology</i></p>
<p>Analysis Of Railway Transom Bridge For Rail Asset Management Under Extreme Heat <i>Sakdirat Kaewunruen, Olivia Mirza</i> <i>The University of Birmingham</i></p>
<p>Assessing Relationships Between Human Land Uses And The Decline Of Aquatic <i>Yuan Zhang, Xin Gao, Jianing Lin, Shuping Wang, Chang Qian</i> <i>Chinese Research Academy of Environmental Sciences</i></p>
<p>Assessment Of Mitigation Climate Technologies From Wastewater Treatment <i>Bingbo Huang^{a b}; ; Qingxian Gao^a; Zhanyun Ma^{*a}; ; Wei Song^c; Jinghao Liu^c</i> <i>^a Chinese Research Academy of Environmental Sciences</i> <i>^b Nanjing university of information science and technology</i> <i>^c China Urban Construction Design & Research Institute Co., Ltd</i></p>
<p>Based On Environmental Technology Integration System Of Future Urban Planning Study <i>Zhang Shudong, Kangping County Planning and Land Resources; ZHU Jinghai, Environment and Resource Protection; CHAN Ying, Shenyang Planning Design and Research Institute</i></p>
<p>Characteristics And Pollution Load Of Antibiotics In Shenzhen Urban Road Runoff <i>Lichan Luo^{1,2}, Yuntao Guan^{1,2*}</i> <i>¹ Graduate School at Shenzhen, Tsinghua University, ² Tsinghua University</i></p>
<p>Characteristics Of N₂O Emission In A Multiple Anoxic And Aerobic Nitrogen Removal Process <i>Huoqing Wang, Yuntao Guan and Guangxue Wu</i> <i>Graduate School at Shenzhen, Tsinghua University</i></p>
<p>Comparative Settlement Analysis On The Under Of Embankment With Empirical Formulas And Settlement Plate Measurement For Reducing Building Crack <i>Safitri Nur W., Prathisto Panuntun U. L., M. Ivan Adi P., R. Dary Wira M.</i> <i>Institut Teknologi Sepuluh Nopember</i></p>
<p>Construction Of Eco-Industrial Park In Middle Part Of China -- A Case Study Of Hefei Anhui <i>Yao Yang, Qiao Qi</i> <i>Chinese Research Academy of Environmental Sciences</i></p>
<p>Current Status And Future Potential Of Biogas Development In China <i>Xiaoling Liu, Chen Song, Ruixia Liu, Yonghui Song</i> <i>Chinese Research Academy of Environmental Sciences</i></p>
<p>Detecting And Attributing The Effects Of Climate Change On Bat Distributions Over The Last 50 Years <i>Jianguo Wu</i> <i>Chinese Research Academy of Environmental Sciences</i></p>
<p>Detecting Live Dead Bacteria In Reclaimed Water Based On Flow Cytometer <i>Guijuan Zhang, Bing Li, Yuntao Guan</i> <i>Tsinghua University</i></p>
<p>Determination Of Ideal Locations Of Health Care Units In Rural Areas <i>Harish Puppala, Shalini Kanuganti, AK Sarkar, Ajit Pratap Singh</i> <i>Birla Institute of Technology and Science Pilani</i></p>
<p>Developing Leadership Skills Of Project And Construction Managers In The South African Construction Industry</p>

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<p><i>Liphadzi, M and Aigbavboa, CO</i> <i>University of Johannesburg</i></p>
<p>Effective Degradation Of Perfluorooctanesulfonate (Pfos) On Novel Ti SnO₂-Sb-F Electrode <i>Chaojin Jiang¹, Bo Yang^{1*}, Yuntao Guan², Peixing Zhang¹</i> <i>¹Shenzhen University; ²Tsinghua University</i></p>
<p>Effectiveness Of Dual-Media Filtration For Treatment Of Stormwater Runoff Of Building Subdistrict Under Rapid Filtration Conditions <i>Zhenghao Yuan, Kuiyu Zhou, Yi TAO, Xiaoning Liu, Xihui Zhang</i> <i>Tsinghua University</i></p>
<p>Efficiency Of Permeable Pavement For The Treatment Performance Of Urban Runoff Under Vary Conditions <i>Yang Li, Yuntao Guan</i> <i>Graduate School at Shenzhen, Tsinghua University</i></p>
<p>Estimation Of Standard Substance Equivalent For Ecological Resource Assets At Regional Scale <i>Gao Yanni, Zhang Linbo, Yu Huiyi, Li Kai, Liu Weiwei, Yang Bo</i> <i>Chinese Research Academy of Environmental Sciences</i></p>
<p>Evaluating The Urban Heat Island Effects Across Globe And The Influence On Weather Station Records <i>Liqun Sun^a, Ji Chen^b</i> <i>^a Chinese Academy of Sciences; ^b The University of Hong Kong,</i></p>
<p>Evaluation Index System Of Urban Vulnerability Around Oil And Gas Pipeline <i>Lu Han^{1,2}, Yaling Chen³, Ruixia Liu^{1,2}, Jianguo Sheng³, Yonghui Song^{1,2}</i> <i>¹ Chinese Research Academy of Environmental Sciences; ² Chinese Research Academy of Environmental Sciences; ³ Jiangsu University Of Science And Technology</i></p>
<p>Evaluation Of Cable Car As A Feeder System For Metro And Sub-Urban Railway, Case Study Chennai City, India <i>Muthukumar M, Ashoke Kumar Sarkar</i> <i>BITS-Pilani</i></p>
<p>Evaluation Of Current Treatment Techniques For Black-Odor Rivers <i>Chen Song ^{1,2,3}, Xiaoling Liu ^{1,2}, Yonghui Song ^{1,2,3,*}, Ruixia Liu ^{1,2}, Hongjie Gao ^{1,2}, Lu Han ^{1,2}, Jianfeng Peng ^{1,2}</i> <i>¹Research Academy of Environmental Sciences; ²Chinese Research Academy of Environmental Sciences; ³Beijing Normal University</i></p>
<p>Index Evolution In Chinese Evaluation Standard For Green Building <i>Ling Ye, Zhijun Cheng, Qingqin Wang</i> <i>China Academy of Building Research</i></p>
<p>Industrial Park Index System Research Of Green Development, Cycle Development, Low Carbon Development—A Case Study Of An Industrial Park <i>GUO Jing, QIAO Qi</i> <i>Chinese Research Academy of Environmental Sciences</i></p>
<p>Life Cycle Assessment (LCA) Of Solid Waste Containing Mercury Management Strategies In China <i>Qin Jia, Xuemei Zhu, Qi Wang, Haihui Fu</i> <i>Chinese Research Academy of Environmental Sciences</i></p>
<p>Nitrous Oxide Emission During Nitrification Of High Ammonium Containing Wastewater For Nitrifiers Acclimated Under Different Aeration Rates <i>Lizhen Xing¹, Derui Zheng¹, Yingying Wang², Guangxue Wu²</i> <i>¹ Shandong Jianzhu University; ² Graduate School at Shenzhen, Tsinghua University</i></p>
<p>Potential Analysis Of Cleaner Production On Pollution Reduction Of Volatile Organic Compounds (Vocs) In Furniture Industry <i>Dou Guangyu, Zhu Kesong, Wang Xueting, Zhao Bochao, Yuan Xinan, Pan Cenxuan</i> <i>Chinese Research Academy of Environmental Sciences</i></p>
<p>Reduction Of PBDEs Emission In The Life Cycle Of Electrical And Electronic Products <i>Qingqi Die^{1,2}, Zhiqiang Nie¹, Yanyan Fang^{1,2}, Qifei Huang^{1,2}</i> <i>¹ Chinese Research Academy of Environmental Sciences; ² Beijing Normal University</i></p>
<p>Research On Cleaner Production Services In The Environmental Management System Under The New Situation</p>

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<i>SONG Dan-na</i> <i>Chinese Research Academy of Environmental Sciences</i>
Research On Performance Evaluation Of China <i>Lu Bai, Yanping Li, Qi Qiao, Xuewen Hu, Ruonan Zhao</i> <i>Chinese Research Academy of Environmental Sciences</i>
Research On The Application Of Ppp Mode In Watershed Management Taking Wuliangshuai Lake As An Example <i>Miao CHANG¹, Shu ZHU¹, Qing CHEN^{1, 2}</i> <i>¹Tsinghua University; ²Renmin University</i>
Research On The Pollution Characteristics Of Rural Domestic Waste Open Burning In China <i>YAN-ZHUO Yi^{1,2}, YUE Bo¹, ZHANG-ZHI Bin¹, WU-XIAO Hui¹, Li-ZHI Long¹</i> <i>¹Chinese Research Academy of Environmental Sciences; ²Kunming University of Science and Technology</i>
Research On The Water Quality In The Polypropylene Rainwater Tank <i>Yinghua Liu^{1,2}, Yuntao Guan^{1,2*}</i> <i>¹Graduate School at Shenzhen, Tsinghua University, ²Tsinghua University</i>
Services Assessment In The Yangtze River Delta Urban Agglomeration <i>MA Su, LIU Junhui, LIU Yang</i> <i>Chinese Research Academy of Environmental Sciences</i>
Spatio-Temporal Pattern And Its Driving Mechanism Of Forest Ecosystem Changes In The Yangtze River Delta Region <i>Zhai Ruixue¹, Hao Haiguang¹, Zhang Huiyuan¹, Zhong Jianbing²</i> <i>¹Chinese Research Academy of Environmental Sciences; ²Chong Qing Normal University</i>
Strategies Of Road Planning Based On The Concept Of Environmental Protection <i>Bingjing Ji^{1,2}, Yanmei Yang¹</i> <i>¹Chongqing Jiaotong University; ² Chinese Research Academy of Environmental Sciences</i>
The Corrosion Influential Factors In Drinking Water Distribution System (Dwds) And Reclaimed Water Distribution System (Rwds) <i>Guijuan Zhang, Bing Li, Yuntao Guan</i> <i>Tsinghua University</i>
The Reconstruction Of Healthy Water Cycle System Taking Kunming City As An Example <i>Zhao Jian, Fu Guo, Lei Kun, Deng Yixiang</i> <i>Chinese Research Academy of Environmental Sciences</i>
The Sustainable Development Practice In The Process Of Rapid Urbanization--Case Study On Zixing City <i>WANG Yu, LIU Lu-san, TENG Qi, ZHU Yan-zhong</i> <i>Chinese Research Academy of Environmental Sciences</i>
The Synergy Technology Of Chemical Leak Emergency Disposal Facilities And Rainwater Purification Facilities On Roads <i>GUO Fengqing¹, Guan Yuntao²</i> <i>¹Shanxi Agricultural University; ²Graduate School at Shenzhen, Tsinghua University</i>
Thin Lightweight Two-Way Steel Flooring System Design And Parametric Finite Element Analysis <i>Eugene Boadi-Danquah, Brian Robertson and Matthew Fadden</i> <i>University of Kansas, Lawrence</i>
Urban Methane Emission And Its Reduction Strategy <i>Gao Qingxian, Ma Zhanyun</i> <i>Chinese Research Academy of Environmental Sciences (CRAES), Nanjing University of Information Science and Technology</i>
Urban Water Environment Management Strategy Proposals In China <i>Hongjie Gao, Yonghui Song, Lu Han, Chunjian Lv</i> <i>Chinese Research Academy of Environmental Sciences</i>
Urbanization, Environmental Contaminants And Human Health In China <i>Lixin Yang</i> <i>Chinese Research Academy of Environmental Sciences</i>
Valuation Of Investment Need And Fiscal Burden For Municipal Wastewater Facility Constructions During The Period Of 13Th Five Year Plan

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<p><i>Chen, Q.^{1,2}, Chang, M.¹, Li, L.¹, Guo, P.¹</i> <i>¹Tsinghua University; ²Renmin University</i></p>
<p>Rheological And Mechanical Properties Of Inorganic Polymer Concrete Produced Using Industrial By Products <i>Najif Ismail, and Hilal El-Hassan</i> <i>United Arab Emirates University</i></p>
<p>Evaluation Of Factors That Affect Human Resources Management In Delivery Of Sustainable Housing Within Budget <i>Julius Ayodeji Fapohunda</i> <i>Cape Peninsula University of Technology</i></p>
<p>Image-Processing Tool To Quantify Deformation And Settled Deposits Defects In Sewer Pipelines <i>Khalid Kaddoura¹, Tarek Zayed², and Alaa H. Hawari³</i> <i>¹Concordia University; ²Concordia University; ³Qatar University</i></p>
<p>Maintain Transportation Infrastructure From Acceleration Data Based On Statistic Analysis <i>YILIGUOQI,</i> <i>Gifu University</i></p>
<p>Spatial Characters Of Road Network In Beijing And Its Relations With Runoff Risk Based On GIS <i>Wang Zhao-ming, Shao She-gang, Shen Yi</i> <i>Research Institute of Highway Ministry of Transport</i></p>
<p>Sustainable Solid Waste Management Systems In Sub-Urban Locations <i>Hlengiwe Zondi and Arnesh Telukdarie</i> <i>University of Johannesburg</i></p>
<p>A Primary Study Of Blue Carbon Accounting In Shenzhen City <i>YE Youhua, ZHAO Shuhua, YANG Mengchan, ZHANG Yuan, SUN Fangfang</i> <i>Shenzhen Academy of Environmental Science</i></p>
<p>Desorption Behavior Of Light Weight Aggregate-Burnt Clay Chips <i>Shohana Iffat</i> <i>BUET</i></p>
<p>Transit And Transshipment Facilities For Indian Freights Through Bangladesh: A Prospective <i>Md. Chowdhury</i> <i>The City College of New York</i></p>
<p>Intelligent Transportation Systems For Developing Nations: A Prospective For Bangladesh <i>Md. Chowdhury</i> <i>The City College of New York</i></p>
<p>Eco-Friendly Supply Chain Practices: Green Collaboration And Sustainability Performance <i>Syed Abdul Rehman Khan¹, Zhang Yu²</i> <i>¹Chang'an University, ²Xi'an University of Technology</i></p>
<p>The Effect Of Supply Chain Sustainability On Improving Organizational Profitability: An Empirical Study <i>Syed Abdul Rehman Khan¹, Dong Qian Li¹, Zhang Yu²</i> <i>¹Chang'an University, ²Xi'an University of Technology</i></p>
<p>Utilization Of Green Infrastructure In United State's Stormwater Regulations And Implementation Perspective In China <i>Hanfu Zhao</i> <i>PWD</i></p>
<p>Use Of Warranty Tracking Program To Identify And Resolve Performance Risks <i>Dhaval Gajjar¹, Kenneth Sullivan¹, Dean Kashiwagi¹, Rick Corea²</i> <i>¹Arizona State University, ²ON Semiconductor</i></p>
<p>Regeneration Planning Method Of Urban Rivers In The Pearl River Delta Based On The Multi-Level Sponge-City Framework: Case Study Of Dasha River In Shenzhen, China <i>Gianni Talamini, Guangjun Jin</i> <i>Harbin Institute of Technology</i></p>
<p>Dynamic Properties Of A Recycled Concrete Aggregate From Small To Medium Strain Amplitudes <i>Huan He, Kostas Senetakis</i> <i>University of New South Wales</i></p>

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Framework For Conducting Life Cycle Cost Analysis For Infrastructure Facilities

Dima Jawad

Notre Dame University-Louaize

Application Of 3D Engineering Models Into Civil Integrated Management (CIM): A Case Study Of Traffic Interchange Improvement

Jonghoon Kim¹, Jin-Sung Cho², Andrew Baird³, Samuel Ariaratnam¹, Wai K.O. Chong¹

¹Arizona State University, ²California State Polytechnic University - Pomona, ³AZTEC Engineering

Risk Based Method To Evaluate The Security Life Of Hazardous Waste Landfill

XU Ya^{1,2}, NAI Chang-xin¹, Liu Yu-qiang¹, YANG Jin-zhong^{1,2}, Liu Jing-cai¹, Dong Lu¹

¹Chinese Research Academy of Environment Sciences; ²Chinese Research Academy of Environment Sciences

Analysis Of Quality Of Beijing's Atmospheric Environment And Main Affecting Factors

Li Xiaodan, Wei Yurui

Beijing Energy Conservation and Environmental Protection Center

Characteristics Of Land Use Change During The Process Of Urbanization Of Zhongshan City

WANG Minghao^{1,2}, Ji Zhibo¹, WANG Wenjie¹

¹Chinese Research Academy of Environmental Sciences, ²Tsinghua University

Dynamic Changes In Vegetation Activity In The Past 30 Years In The Arid Area Of Northwestern China

DU Jiaqiang^{a,b,}, FANG Guangling^{a,b}, Liu Weiling^{a,b}, FANG Shifeng^c, SHU Jianmin^{a,b}*

^a Chinese Research Academy of Environmental Sciences; ^b Chinese Research Academy of Environmental Sciences; ^c Chinese Academy of Sciences

Meteorological Factors And Analysis Of O₃ And Pm_{2.5} Combined Pollution Process in Megalopolis

Wei Peng, Wang Wenjie, Hua jie, Wang Minghao, Ji Zhibo, Fang Li, Liu Junhui, Wang Wei, Liu Xiaofu

Chinese Research Academy of Environmental Sciences

Retrieval Method Of Similar Inspection Records Based On Distance Metric Learning In Expressway Maintenance

Sho Takahashi, Takahiro Ogawa and Miki Haseyama

Hokkaido University

Study On The Development Strategy Of Ecological Civilization City Construction In China Case Study Of Xining City

Dai Guangshuo¹, Zhang Linbo^{1,}, Li Daiqing¹, Dong Xiaobin², Wang Xuechao²*

¹Chinese Research Academy of Environmental Sciences, ²Beijing Normal University

Study On The Effect Of Roof Greening On The Construction Of Sponge City

Yan wei Li

University of Jinan

The River Dried Up Thinking-The Failure And Renovation Of Old Tong Yang Canal As An Example

Ruidong Cao

Nanjing Agricultural University Engineering College