PROCEEDINGS

The 6th International Symposium on
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Edited by Program Committee

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ORGANIZED BY
The Korean Institute of Resources Recycling Korea Environment Institute
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Masami Tsunekawa, Banryu Naoi, Tetsuo Takubo, Tsuyoshi Hirajima, Naoki Hiroyoshi, Graduate School of Eng., Hokkaido University; Masaru Otani, Hokkaido Industrial Research Institute; Masahiro Miyamoto, Nihon Resources Technology Co., Ltd.; Masazumi Ito, Agglo Technic Co., Ltd.

C1R3-11
Triboelectrostatic Separation of PVC Materials from Mixed Plastics for Waste Plastic Recycling
Jae-Keun Lee, Jin-Hyouk Shin, Jae-Hyun Ku, Doo-Hyun Kim, Jae-Min Cho, Yu-Jin Hwang, Pusan National University
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C2R1-01P (Poster Only)
Preparation of Low Density Ceramic Supporter from Coal Fly Ash
Yeon Hwang, Seoul National University of Technology; Hyo Sook Lee, Korea Institute of Geoscience and Mineral Resources (KIGAM); Woo Chul Lee, Chungnam National University

C2R1-02
Synthesis of Zeolites ZSM-5 and ZSM-48 from Gasification Ashes of Agricultural Wastes
Kuen-Song Lin, Yuan-Ze University; Wen-Chiang Lin, Wu-Feng Institute of Technology; Chitsan Lin, National Kaohsiung Institute of Marine Technology

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Suitability of Coal Fly Ash and Incineration Ashes as Raw Materials for Zeolite Synthesis
Norihiro Murayama, Kansai University; Yousuke Yamakawa, Kazuo Ogawa, Kimura Chemical Plant Co., Ltd.; Yuko Takami, Hideki Yamamoto, Junji Shibata, Kansai University

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Development of Environmentally-Friendly Recycling Building Materials from Wasted Coal Combustion By-Product (Ash)
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C2R1-07
Recovery Sub Micron-Graphitized Carbon from Oil Fly Ash
Ya-Min Hsieh, Min-Shing Tsai, National Cheng-Kung University; Shang-Lin Tsai, CESH, ITRI

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Preparation of Macroporous Pellet from Industrial Waste Flyash by Foaming Method
Jai-Koo Park, Hyun-Jung Kim, Hanyang University

C2R1-09
Pilot-Scale Testing of a Vibrating Electrostatic Separator for Fly Ash Decarbonization
Roe-Hoan Yoon, Eric Yan, Minerals and Coal Technologies, Inc.; Oh-Hyung Han, Chosun University; Byung-Wook Park, Korea Fly Ash Cement Company, Ltd.

C2R1-10
Korea Recycling Situation and Policy for Municipal Solid Waste Ash
Hyung-Seok Kim, Ji-Whan Ahn, Korea Institute of Geoscience and Mineral Resources (KIGAM); Hwan Kim, Seoul National University

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Kaoru Masuda, Shigeisa Endoh, National Institute of Advanced Industrial and Technology (AIST)

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Metal Recycling Technologies from Fly-Ashes by the Metal Mining Agency of Japan
Suyuki Kikuta, Nobuyuki Masuda, Nobuyuki Okamoto, Eiichi Arai, Junichi Kobayashi, Metal Mining Agency of Japan (MMAJ)

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Yoon-chul Choi, Re-Com Tech, Institute; Kaoru Masuda, Green Tech, AIST; Yamaguchi Hiroshi, Eng. Research Center, AIST; Shigeisa Endoh, Green Tech, AIST
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Ji-Whan Ahn, Yong-Hee Lee, Hyung-Seok Kim, Korea Institute of Geoscience and Mineral Resources (KIGAM); Bong-Han Lee, Ssangyong Cement Industrial Co., Ltd.; Hwan Kim, Seoul National University; Jae Hyun Oh, Korea Institute of Resources Recycling; Yeon Nam Gung, Korea Institute of Construction Materials; Byung-Ok Kang, Kyung Soo Kim, Ministry of Construction and Transportation

C2R2-02
Discussion of Current Resource Recycling Policy in Taiwan
Shiao-Shing Chen, Tien-Chin Chang, Cheng-Yi Huang, National Taipei University of Technology

C2R2-03
New Recycling Business Methods; Eco Brain
Hiroshi Mekaru, Amita Corp.

C2R2-04
Korea Recycling Policy for Inorganic Mineral Waste
Mi-Sung Kim, Korea Energy Management Corp.; Jae Hyun Oh, Korean Institute of Resources Recycling; Ji-Whan Ahn, Korea Institute of Geoscience and Mineral Resources (KIGAM); Hwan Kim, Seoul National University

C2R2-05
A Comparison of End of Life Vehicles' Recycling Systems in Japan, Korea and Taiwan
Ken'ichi Togawa, Kyushu University

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The Simulation of the Liberation and Size Distribution of Shredder Products under the Material Characteristic Coding Method
Shiuh-Sheng Ni, Shaw-Bing Wen, Chung-Cheng Chu, National Cheng-Kung University

C2R2-07
Characterization and Stabilization of Waste Dusts from Shredded Automobiles Industries
Takashi Furuyama, Abel Bissombolo, Sukeyuki Mori, Kyushu University; Masamichi Hata, Echo-Tec Co., Ltd.; Yoshitsugu Koga, Tetsuo Ikejiri, Kyushu Metal Industry Co., Ltd.

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Study on Recycling of the Scraps from Process of Silicon-Single-Crystal for Semiconductor
Sang Hoon Lee, Technology Research Institute of KORES; Kwan Hee Lee, Sokjon System Co., Ltd.; Hiroshi Okamoto, Seishin Enterprise Co., Ltd.

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Treatment of Waste Dry Etching Gas in Semiconductors Manufacturing Process
Hideki Yamamoto, Takahiro Kawahara, Junji Shibata, Kansai University

C2R2-10
Recovery of Ultrafine Particles from Chemical-Mechanical Polishing Wastewater Discharged by the Semiconductor Industry
Chia-Wei Tu, Shaw-Bing Wen, Dahtong Ray, Yun-Hwei Shen, National Cheng-Kung University

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