The 8th International Symposium on the East Asian Environmental Problems

TIME TABLE

9th December Tuesday

Oral Session1: Combating Desertification

13:00-14:30, HaLL-B
Chair: Associate Prof. Kaoru KASHIMA, Kyushu University

1-1 5 YEARS RESEARCH RESULTS ON COMBATING DESERTIFICATION STUDIES
Kaoru Kashima[1], A Leader of Combating Desertification Group
[1]*Department of Earth and Planetary Sciences, Faculty of Sciences, Kyushu University, 6-10-1 Hakozaki, Fukuoka 812-8581, Japan*

1-2 ANALYSIS ON THE SPATIAL-TEMPORAL CHANGES CHARACTERISTICS OF LAND SURFACE THERMAL ENVIRONMENT IN THE EBINUR LAKE WATERSHED
Zhang Fei[1,2,3], Wang Juan[1]
[1]*College of Resources and Environment Science, Xinjiang University, Urumqi, Xinjiang 830046*
[2]*Key Laboratory of Oasis Ecology, Xinjiang University, Urumqi, Xinjiang 830046*
[3]*Key Laboratory of Xinjiang wisdom city and environment modeling Urumqi, Xinjiang 830046*

1-3 SOME RESULT ONTHOGENETIC DEVELOPMENT OF URALIAN LICORICE (*Glycyrrhiza uralensis* Fisch.) IN MONGOLIA
Bayart Mandakh[1]
[1]*Institute of Botany, Mongolian Academy of Sciences, Ulaanbaatar, Mongolia*

1-4 GRASSLAND IN MONGOLIA AND THEIR DEGRADATION INDICATOR PLANTS
Indree Tuvshintogtokh[1]
[1] *Institute of Botany, Mongolian Academy of Sciences, Jukov avenue-77, Ulaanbaatar, 210351, Mongolia*

1-5 GEO ECOLOGICAL ISSUES OF MONGOLIA AND NEGATIVE CONSEQUENCE TO INFLUENCES ON SUSTAINABLE DEVELOPMENT
Enkh-Amgalan.S[1]
[1] *Institute of Geography, Mongolian Academy of Science*

1-6 PREDICTION OF SOIL PROPERTIES BASED ON THERMAL INFRARED SPECTRA, IN THE ARID LAND
Mamat Sawut[1, 2], Tashpolat Tiyip b[1, 2], Yan-jun Zhang[1, 2], Jian-li Ding[1, 2], Fei Zhang[1, 2]
[1] *Collegeof Resources and Environmental Sciences, Xinjiang University, Urumqi, Xinjiang 830046, China*
[2] *Ministry of Education Key Laboratory of Oasis Ecology at Xinjiang University, Urumqi, Xinjiang 830046, China*

Oral Session2: Urban Environment

14:45-17:00, HaLL-B
Chair: Associate Prof. Hirohumi NAKAYAMA, Kyushu University

2-1 5 YEARS RESEARCH RESULTS ON WASTE MANAGEMENT STUDIES
Hirofumi Nakayama[1], A Leader of Urban Environment Group
[1]*Department of Urban and Environmental Engineering, Faculty of Engineering, Kyushu University*

2-2 SOLIDIFICATION/STABILIZATION AND REUSE OF GREDGED SEDIMENTS BY MODIFIED COAL FLY ASH AND ARTIFICIAL SOLIDIFIER

Boran WU[1], Xiaoli CHAI[1]
[1] *College of Environmental Science and Engineering, Tongji University, No.1239 Siping Road, Shanghai, China*

2-3 BIOLOGICAL DENITRIFICATION USING PE/PHBV BLENDS AS SOLID CARBON SOURCE AND BIOFILM CARRIER

Xiaoli Chai[1], Zhongshuo Xu[1]
[1] *College of Environmental Science and Engineering, Tongji University, No.1239 Siping Road, Shanghai, China*

2-4 IMPACT OF CARBON-NITROGEN RATIO ON N2O RELEASES FROM SEMI-AEROBIC AGED-REFUSE BIOREACTOR

Weihua LI[1], Yingjie SUN[1], Rongxing BIAN[2] and Qiang YANG[3]
[1] *College of Environmental and Municipal Engineering, Qingdao Technological University, 11 Fushun Road, Qingdao 266033, China*
2 College of Environmental and Municipal Engineering, Qingdao Technological University, 11 Fushun Road, Qingdao 266033, China
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Oral Session3: Atmospheric Environment

17:10-17:55, HaLL-B

3-1 RESEARCH ON SHROUDED WATER TURBINE WITH HIGHLY EFFICIENT POWER OUTPUT

Keita Ozono[1], Yuji Ohya[2], Takahashi Karasudani[2], Takanori Uchida[2]
[1] *Department of Aeronautics and Astronautics, Kyushu University, Fukuoka, Japan*
[2] *Department of RIAM, Kyushu University, Fukuoka, Japan*

3-2 AUGMENTATION OF WIND SPEED BY UTILIZING THE WIND OVER SOLAR TOWER

Sho Fukutomi[1], Yuji Ohya[2], Takashi Krasudani[2], Takanori Uchida[2], and Kenichiro Sugitani[2]
[1] *Dept. of Aeronautics and Astronautics, Kyushu Univ., 6-1 Kasuga-kouen, Kasuga-shi, Fukuoka, 816-8580, Japan*
[2] *Dept. of RIAM, Kyushu Univ., 6-1 Kasuga-kouen, Kasuga-shi, Fukuoka, 816-8580, Japan*

3-3 AERODYNAMIC ANALYSIS OF CLUSTERED WIND LENS TURBINES

Uli Goeltenbott[1], Takashi Karasudani[2], Yuji Ohya[2] and Peter Jamieson[3]
[1] *Department of Aeronautics and Astronautics, Kyushu University, 744 Motooka, Nishi-ku, Fukuoka-shi, Fukuoka 819-0395, Japan*
[2] *Research Institute of Applied Mechanics, Kyushu University, 6-1 Kasuga-koen, Kasuga-shi, Fukuoka 816-8580, Japan*
[3] *Wind Energy DCT, University of Strathclyde, Royal Collage R336, Glasgow, G1 1XW, Scotland, UK*

10th December Wednesday

Oral Session4: Agro-Production Environment (JSPS SOWAC Project Special Session)

9:30-10:30, HaLL-B
Chair: Prof. Yoshiyuki SHINOGI, Kyushu University

4-1 4 YEARS RESEARCH RESULTS ON AGRO-PRODUCTION ENVIRONMENT STUDIES

Yoshiyuki Shinogi[1], A Leader of Agro-Production Group
[1] *Laboratory of Irrigation and Water Utilization, Department of Bioproduction Environmental Science Graduate School of Bioresources and Bioenvironmental Sciences, Faculty of Agriculture, Kyushu University*

4-2 APPLICATION OF THE SWAT MODEL AND THE INDICATORS HYDROLOGIC ALTERATION (IHA) METHOD TO HYDROLOGIC CYCLE ASSESSMENT IN THE CONG WATERSHED, VIETNAM

Nguyen Viet Anh[1], Kazuaki Hiramatsu[2], Shinji Fukuda[3], and Masayoshi Harada[2]
[1] *Faculty of Water Resources Engineering, Thuyloi University, 175 Tay Son street, Dong Da district, Hanoi, Vietnam*
[2] *Faculty of Agriculture, Kyushu University, 6-10-1 Hakozaki, Higashi-Ku, Fukuoka 812-8581, Japan*
[3] *Institute of Agriculture, Tokyo University of Agriculture and Technology, 3-5-8 Saiwai-cho, Fuchu, Tokyo 183-8509, Japan*

4-3 MIXED CULTURE SYSTEM FOR SUSTAINABLE UTILIZATION OF FOOD WASTE BIOMASS TO PRODUCE VALUE ADDED PRODUCTS UNDER HIGH TEMPERATURE

Pramod Poudel[1], Yukihiro Tashiro[1] and Kenji Sakai[1]
[1] *Laboratory of Soil Microbiology, Division of Applied Molecular and Biomass Chemistry, Department of Bioscience and Biotechnology, Faculty of Agriculture, Kyushu University, 6-10-1 Hakozaki, Higashi-ku, Fukuoka 812-8581, Japan*

4-4 MICROBIOLOGICAL AND BIOCHEMICAL INVESTIGATION OF AUTOTHERMAL THERMOPHILIC AEROBIC TREATMENT OF HUMAN EXCRETA

Huijun Cheng [1], Kosuke Kanda [1], Yuya Asakura [1], Yuki Okugawa[1], Yukihiro Tashiro [1], Kenji Sakai [1]
[1] *Department of Bioscience and Biotechnology, Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University, 6-10-1 Hakozaki, Higashiku, Fukuoka 812-8581, Japan*

Oral Session5: Food Risk & Assessment

10:40-12:30, HaLL-B
Chair: Prof. Teruaki NANSEKI, Kyushu University

5-1 5 YEARS RESEARCH RESULTS ON FOOD RISK & ASSESSMENT STUDIES

Teruaki Nanseki [1], A Leader of Food Risk & Assessment Group
[1] *Faculty of Agriculture, Kyushu University, Hakozaki 6-10-1, Fukuoka 812-8581, Japan*

5-2 COMPARATIVE ANALYSIS ON IMPACT FACTORS OF CONSUMER WILLINGNESS TO CONSUME DOMESTIC AND IMPORTED GENETICALLY MODIFIED (GM) FOOD: THE CASE OF GM RICE AND GM SOYBEAN OIL

Tinggui Chen[1], Miaomiao Chen[1], Teruaki Nanseki [2]
[1] *College of Economics and Management, Shanghai Ocean University, 999 Huchenghuan Road, Shanghai 201306, China*
[2] *Faculty of Agriculture, Kyushu University, Hakozaki 6-10-1, Fukuoka 812-8581, Japan*

5-3 OCCURANCE AND CHARACTERIZATION OF SHIGA TOXIN- PRODUCING ESCHERICHIA COLI IN FOODS IN WUHAN, CHINA

Rui Li[1], Dongdong Zheng[1], Jie Xiao[1], Xiao Tan[1], Hongxun Wang[1], Zhiguo Liu[1], Min Zhou[1] and Takahisa Miyamoto[2]

[1] *College of Biological and Pharmaceutical Engineering, Wuhan Polytechnic University, Changqing garden, 430023, Wuhan, China*

[2] *Department of Bioscience and Biotechnology, Faculty of Agriculture, Kyushu University, 6-10-1, Hakozaki, Higashi-ku, 812-8581, Fukuoka, Japan*

5-4 CONTAMINATION AND SURVIVAL OF *SALMONELLA* ON LEAF VEGETABLE DURING CULTIVATION

Takahisa Miyamoto [1], Misako Shimamoto[2], Nozomi Kido[2], Tomoko Mishima[2], Ken-ichi Honjoh [1]

[1] *Department of Bioscience and Biotechnology, Faculty of Agriculture, Kyushu University, 6-10-1 Hakozaki, Higashi-ku, Fukuoka-shi, 812-8581*

[2] *Department of Bioscience and Biotechnology, Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University, 6-10-1 Hakozaki, Higashi-ku, Fukuoka-shi, 812-8581*

5-5 PRACTICE OF AGRICULTURAL PARK BASED ON CONCEPT OF '3E' AGRICULTURE -A CASE OF FUXI FARM

Song Min[1]

[1] *Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Science, Beijing, P. R. China*

5-6 POLICY DEVELOPMENT AND SHIFT ON WASTE MANAGEMENT IN CHINA LIVESTOCK INDUSTRY

Wang Jimin[1], Zhou Hui[1], Huang Zeying[1] and Chen Shuangqing[1]

[1] *Institute of Agricultural Economics and Development, Chinese Agricultural Economics and Development, Beijing, P. R. China*

5-7 THE INFLUENCE ON ENVIRONMENT FROM CHANGING DIET IN CHINA -FROM THE POINT OF VIEW OF INCREASING LIVESTOCK PRODUCTS CONSUMPTION

Zhou Hui[1]Wang Jimin[1]

[1] *Institute of Agricultural Economics and Development, Chinese Academy of Agricultural Science, Beijing, P. R. China*

5-8 MANAGERIAL MODELS OF SMART PADDY AGRICULTURE AND THE ADOPTION OF GAP IN JAPAN

Li Dongpo[1], Nanseki Teruaki[1], Chomei Yosuke[1]

[1] *Faculty of Agriculture, Kyushu University, Hakozaki 6-10-1, Fukuoka 812-8581, Japan*

Poster Session

9th December Tuesday
18:00-19:30, Entrance Lobby

P-1 ANALYSIS OF SALINE SOIL DIELECTRIC CHARACTERISTICS BASED ON CORRECTION OF DOBSON DIELECTRIC MODEL AND ITS RESPONSE TO THE RADAR IMAGERY

Nigara Tashpolat[1], JianLi DING[2], Danlin YU[3]
[1] *Key Laboratory of Oasis Ecology, Xinjiang University, Urumqi, Xinjiang, China*
[2] *School of Resources and Environment, Xinjiang University, Urumqi, Xinjiang, China*
[3] *Earth and Environmental Studies, Montclair State University,1 Normal Ave, Montclair, NJ, the United States of America*

P-2 PALEO-ENVIRONMENT AND KOSA (DUST AND SAND STORM) HISTORIES AT ARID - SEMI-ARID REGIONS IN EAST ASIA

Kaoru Kashima[1]
[1] *Department of Earth and Planetary Sciences, Faculty of Sciences, Kyushu University, 6-10-1 Hakozaki, Fukuoka 812-8581, Japan*

P-3 DUST STORM SOURCES OF MONGOLIA, SOIL CHARACTER AND FORMATION

Ulgiichimeg GANZORIG[1]
[1] *Soil Science Department of the Institute of Geography, Mongolian Academy of Sciences*

P-4 ANTIOXIDANT RESPONSES OF *VALLISNERIA ASIATICA* TO DIFFERENT CONCENTRATIONS OF NITROGEN AND PHOSPHORUS

Caixia Kang[1], Aimin Hao[2], Yasushi Iseri[3], Takahiro Kuba[1]
[1] *Graduate School of Engineering, Kyushu University, 744, Motooka, Nishi-ku, Fukuoka, 819-0395, Japan*
[2] *Research Institute for East Asia Environments, Kyushu University, 744, Motooka, Nishi-ku, Fukuoka, 819-0395, Japan*
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