

Joint International Symposium: Challenging the Research Development and Collaboration Through Online Discussions

Joint Usage/Joint Research Symposium on Integrated Environmental Studies

30-Nov			
10:00	10:10	Opening remarks	Prof. Koetsu Yamazaki, President of Kanazawa University
K-INET Special Webinar I			Chair: Noriko Hasebe
10:10	11:00	Hiroshi Tanimoto (National Institute of Environmental Studies), K. Ikeda, Y. Kanaya, Y. Choi, D. Narita, D. Yamada, T. Nagashima, and S. Inomata	Black carbon emissions from Asia: Scientific highlights and policy implications
Session 1 Expanding Observation Network: Atmosphere			Chair: Yayoi Inomata
13:00	13:20	Jianrong Bi (Lanzhou University)	Field measurements of mineral dust in northwest China
13:20	13:40	Ta-Chih Hsiao (National Taiwan University)	Temporal and Spatial Variation of Physical and Chemical Characteristics of PM2.5 and PM1.0 and their Influences on Atmospheric Visibility
13:40	14:00	Sonomdagva Chonokhuu (National University of Mongolia), G. Byambajav, B. Batbaatar, A. Ariunsaikhan, and B. Byambaa	Recent years PM 2.5 pollution in Ulaanbaatar, Mongolia
14:00	14:20	Yong Pyo Kim (Ewha Womans University), N. R. Choi, Y. G. Ahn, and J. Y. Lee	Levels and sources of particulate nitrosamines and nitramines in the atmosphere at Seoul
14:20	14:40	Dmitry Troshkin (Institute for Water and Environmental Problems, SB RAS)	Microwave satellite monitoring of natural hazards and environmental changes
Session 2 Expanding Observation Network: Ocean and On-land			Chair: Nisikawa Usio
15:00	15:20	Tung Yuan Ho (Research Center for Environmental Changes, Academic Sinica, Taiwan)	Anthropogenic aerosol metal pollution in the surface water of the Northwestern Pacific Ocean
15:20	15:40	Nithi Atthi (Thai Microelectronics Center, National Electronics and Computer Technology Center), W. Sripumkhai, P. Pattamang, R. Meananeatra, P. Saengdee, O. Thongsook, N. Ranron, K. Pankong, W. Uahchinkul, S. Radomyos, N. Klunngien, W. Jeamsaksiri, Y. Kitani, S. Ogiso, and N. Suzuki	Robust PDMS micro-structures with hydrophobic properties for marine antifouling applications
15:40	16:00	Kosuke Nakanishi (National Institute of Environmental Studies), T. Uéda, H. Yokomizo, and T. I. Hayashi	Negative effects of insecticides on the population dynamics of the dragonfly <i>Sympetrum frequens</i> in rice fields: A statistical analysis using field census data in Hokuriku region, Japan
16:00	16:20	Ajai Kumar Srivastav (Deen Dayal Upadhyaya Gorakhpur University, India), and N. Suzuki	Environmental Toxicants: Impact on Fish
16:20	16:30		Outline of poster session
1-Dec			
K-INET Special Webinar II			Chair: Ning Tang
10:00	11:00	Furong Deng (Peiking University)	Indoor air pollution and health in China
Session 3 Integrated Environmental Research: PAHs Dynamics			Chair: Toshio Sekiguchi
13:00	13:20	Hisanori Iwai (Kanazawa University)	Speciation of PAHs dissolving in rivers around Nanao city, Noto-Peninsula, Japan
13:20	13:40	Lulu Zhang (Kanazawa University)	Characteristics of particulate polycyclic aromatic hydrocarbons in Lanzhou, China
13:40	14:00	Jing Cai (Fudan University)	Exposure assessment for ultrafine particles in Shanghai based on land use regression model
14:00	14:20	Rodrigo Mundo (Kanazawa University), T. Matsunaka, H. Iwai, S. Ochiai, S. Nagao	Spatial-temporal distribution of polycyclic aromatic hydrocarbons in surface water at West Nanao Bay, Noto Peninsula, during 2019–2020
14:20	14:40	Masato Honda (Kanazawa University), K. Mukai, and Y. Oshima	Biomonitoring of PAH pollution in super-tidal zone
Session 4 Integrated Environmental Research: Human health and Ecosystem			Chair: Tetsuya Matsunaka
15:00	15:20	Toshio Sekiguchi (Kanazawa University)	Identification of polycyclic aromatic hydrocarbons receptor in marine invertebrate ascidian <i>Ciona intesitinalis</i> Type A
15:20	15:40	Akinori Hara (Kanazawa University)	Relationship between environmental factors and kidney disease
15:40	16:00	Chunyang Liao (Research Center for Eco- Environmental Sciences, CAS)	Environmental Occurrence, Metabolism and Transformation, and Toxicity of Emerging Contaminants (tentative)
16:00	16:20	Nisikawa Usio (Kanazawa University), M. Lailati, T. Q. Huynh, Y. Shang, K. Ito, N. Katsumi, Y. Mizuuchi, and M. Ino	Application of ground bamboo in agrochemical-free rice farming
16:20	16:30	Closing remarks	Prof. Seiya Nagao, Director of INET Kanazawa University

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Chosen International Symposium on Understanding the Transboundary Pollution along North-South Transect in western Pacific region

2-Dec

10:00	10:10	Opening remarks	Prof. Takashi Wada, vice president of Kanazawa University
K-INET Special Webinar III			Chair: Nobuo Suzuki
10:10	11:00	Ken Buesseler (Woods Hole Oceanographic Institution)	Fukushima Dai-ichi nuclear power plants and the oceans- 10 years later
13:00	13:20	Seiya Nagao (Kanazawa University)	The outline of chosen project and science under the COVID 19 pandemic
Session 1		Human health and Ecosystem	Chair: Yoichiro Kitani
13:20	13:40	Nobuo Suzuki (Kanazawa University, Japan)	The effects of environmental pollutants such as heavy metals and endocrine disruptors on osteoblasts and osteoclasts in fish scales
13:40	14:00	Edward G. Nagato (Shimane University)	Microplastics in the Japan Sea environment
14:00	14:20	Yongjie Wei (Chinese Research Academy of Environmental Sciences)	Influence of atmospheric particulate matter constituents on DNA damage
14:20	14:40	Yuji Oshima (Kyushu University), X. Qiu, S. Saovany, Y. Takai, A. Akasaka, Y. Inoue, N. Yakata, Y. Liu, M. Waseda, and Y. Shimasaki	Vector effect of microplastics on anthracene bioaccumulation in Japanese medaka (<i>Oryzias latipes</i>)
Session 2		Poster presentations	Chair: Mutsuo Inoue
15:00	16:30		

3-Dec

K-INET Special Webinar IV			Chair: Keisuke Fukushi
10:00	11:00	Ning Tang (Kanazawa University)	PAHs monitoring network in East Asia
Session 3		Oceanic and Terrestrial Research	Chair: Shinya Ochiai
13:00	13:20	Mutsuo Inoue (Kanazawa University)	Migration of Cs-134 in the northwestern North Pacific Ocean; implications for water circulations
13:20	13:40	Tetsuya Matsunaka (Kanazawa University), S. Nagao, R. Mundo, S. Tanaka, M. Inoue, N. Tang, N. Suzuki, S. Ogiso, M. Yoshida, N. Hirohashi, H. Ando, M. Morita, and K. Hayakawa	Environmental behavior of polycyclic aromatic hydrocarbons in the East Asian marginal seas
13:40	14:00	Altansukh Ochir (National University of Mongolia)	An assessment of integrated urban water management in the small and big cities of Mongolia and its implementation
14:00	14:20	Hyo-Bang Moon (Hanyang University)	Research on environmental problems, health risk, transported pollution (PAHs and flame retardant) and marine environment.(tentative)
14:20	14:40	Keiichiro I. Ohshima (Hokkaido University), Y. Fukamachi, S. Nishashi, T. Tamura, and K. Iwamoto	Global mapping of sea-ice production and discovery of 4th Antarctic Bottom Water
Session 4		Atmospheric Research	Chair: Atsushi Matsuki
15:00	15:20	Stephan B. Pointing (Yale-NUS College)	Research on atmospheric microbiome (tentative)
15:20	15:40	Lu Yang (Kanazawa University), H. Zhang, X. Zhang, W.L. Xing, A. Takami, K. Sato, A. Shimizu, A. Yoshino, N. Kaneyasu, L.L. Zhang, A. Matsuki, K. Hayakawa, and N. Tang	Comparative analysis of PM _{2.5} -bound polycyclic and nitropolycyclic aromatic hydrocarbons and water-soluble inorganic ions between Wajima and Fukue Island, Japan
15:40	16:00	Tatsuhiro Mori (Tokyo University of Science), S. Ohata, K. Goto-Azuma, Y. Kondo, K. Fukuda, Y. Ogawa-Tsukagawa, N. Moteki, A. Yoshida, M. Koike, P. R. Sinha, N. Oshima, H. Matsui, Y. Tobo, M. Yabuki, and W. Aas	Seasonal variation of wet deposition of black carbon at Ny-Ålesund in Svalbard and Barrow in Alaska
16:00	16:20	Yongjoo Choi (JAMSTEC)	Regional variability in black carbon and carbon monoxide ratio from long-term observations over East Asia: assessment of emission inventories and wet removal scheme
16:20	16:40	Closing remarks and Student Poster Award	Prof. Seiya Nagao, Director of INET Kanazawa University