

The 18th East Eurasia International Workshop (EEIW 2024)

Present Earth Surface Processes and Long-term Environmental Changes in East Eurasia

Tentative program of Scientific Sessions on October 8 to 9, 2024

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	Title	Authors
Day 1: October 8 (Tuesday)		
920	Opening address	Yoshiki SAITO
930	Reconstruction of Late Pleistocene glaciation at Turgen and Kharkhiraa mountain system in NW Mongolia	Krивonogov Sergei
950	Last transgression of Issyk-Kul Lake, Kyrgyzstan	Krивonogov Sergei, Maltsev Anton, Kolchenko Valerii, Menshikov Maxim, and Sankova Valentina
1010	Statistics and comparison of ancient and modern glaciers in Gongga Mountain area, Hengduan Mountains, Sichuan, China	Lyu Yudong and Krивonogov Sergei
1030	The appearance of early humans in Jeongok-ri, Korea	Jin Cheul Kim, Jieun Kwon, Sei Sun Hong, Choi Ire, Hoil Lee, Tae Ho Lee, Seungwon Shin, Jin-Young Lee, and Han Woo Choi
Coffee Break 10 min		
1100	Application study of environmental magnetism on a paleosol-bearing sequence of Paleolithic site in the central Korean Peninsula	Hyeon-Seon Ahn, Sujeong Park, and Jaesoo Lim
1120	High-Resolution Late Quaternary Manganese Chemostratigraphy Using XRF (X-ray fluorescence) Scanning Data of Shallow Marine Sediments in the Southwestern Taiwan	Kuo-Yen WEI, Li LO, and Xiang-Yu YANG
1140	Holocene sea-level changes in Japan coastal areas recovered from the brackish lake sediment cores based on physical properties and geochemical analysis	Fumiko Watanabe NARA, Fukuka KIDA, Shinya OCHIAI, Takahiro WATANABE, Tetsuya MATSUNAKA, Kotaro HASHINO, Shin-ichi YAMASAKI, and Noriyoshi TSUCHIYA
1200	Determination of sedimentary characteristics of Holocene estuarine fills using micro-XRF data: A case study from the Izumo Plain, Shimane Prefecture, Japan	Aan DIANTO, Kota KATSUKI, Koji SETO, Tetsuya SAKAI, Toshimichi NAKANISHI, and Yoshiki SAITO
Lunch Break with Poster Short Talk (2 min each with one slide)		
Poster Viewing		
1410	Holocene millennial-scale variations of <i>Neogloboquadrina pachyderma</i> (planktonic foraminifera) in the southeast coastal areas of Korea and its implication to paleoclimatic changes in the East Asian margin	Hiroyuki Takata, Jong-Hwa Chun, Daekyo Cheong, and Boo-Keun Khim
1430	Hydroclimatic Changes on Jeju Island, South Korea during the Holocene: Focusing on the 4.2 ka Event	Ara CHO, and Chang-Pyo Jun
1450	Decoupling warming and monsoon precipitation over the last 3110 years in northwestern Yunnan Province, southwestern China	Baoyan Jia, Xiayun Xiao, Changting Chi, Rui Ke, and Yanling Li
1510	Sea surface temperature reconstruction at Shushi bay, Tsushima island during the last 3ka	Sujeong Park, Sujin Kang, Kyung-Hoon Shin, Kota Katsuki, Jaesoo Lim and Toshiaki Irizuki
1530	Hydroclimate changes in Tsushima Island, Japan during the past 3000 years	Jaesoo Lim, Kota Katsuki, Sujeong Park and Toshiaki Irizuki
Coffee Break 10 min		
1600	High Aeolian Particle Fluxes but Low Rainfall in Taiwan Related to Drastic Population Declines in China over the Past 2,600 yrs	Chen-Tung Arthur CHEN and Jiann-Yuh LOU
1620	Reconstruction of environmental and flooding histories since AD1250 at three annually laminated lakes in the Central Finland presumed by diatom assemblages	Kaoru Kashima, Yu Fukumoto and Timo Saarinen
1640	A 200-year hydrological and environmental record from sediment biomarkers of Lake Balkhash, arid Central Asia	Jinglu Wu, Hongliang Zhang, and Ru Guo
1700	Modern vegetation-climate relationships for pollen assemblages across the mountainous regions of southwestern China: Implications for palaeoenvironmental reconstruction	Changting Chi, Xiayun Xiao, and Baoyan Jia
1720	Environment and distribution of archaeological sites in the Red River Delta during the Holocene	Thi Mai Huong NGUYEN, Yasuyuki YOSHIDA, and Mariko YAMAGATA
Conference Dinner		

Day 2: October 9 (Wednesday)

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| 900 | Boosting riverine sediment by artificial flood in the Yellow River and the implication for delta restoration | Xiao WU, Houjie WANG, Yoshiki SAITO, Jaia SYVITSKI, Naishuang BI, and Zuosheng YANG |
| 920 | Chronology constraints on the late Quaternary complex sedimentary history of the Pear River delta | Lei Gao, Jinpeng Zhang, Aiming Zhang, and Hao Long |
| 940 | Past flood events inferred from atmospheric radionuclides and physical properties of West Nanao Bay sediments | Shinya OCHIAI, Hideo SAKAI, Mikiya TSURUOKA, and Seiya NAGAO |
| 1000 | Effects of global warming on an ice-covered mountainous lake, Akaga-Onuma, in Japan | Seiya NAGAO, Shinji OTORI, Takashi AKUTSU, Kanako SHIOZAWA, Kyuma SUZUKI, Ryo SUGIMOTO, Sumito MATOBA, and Keisuke FUKUSHI |
| 1020 | Lacustrine sediment information and estimation of erosional force | Kenji KASHIWAYA |

Coffee Break 10 min

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| 1050 | Impacts of Mt. Fuji eruption on the diatom assemblages of Lake Kawaguchi | Kota KATSUKI, Shinya YAMAMOTO, Hiromi INUI, Ryuji TADA, Toshihiro TADA, Kenta SUZUKI, Katsura YAMADA, Akira BABA, Ryoma Hayashi, and Nobuko Kametani |
| 1110 | Slope stability on the northern coast of Taiwan: cases around Keelung and Hoping islands | J.C. Lin and Y.C. Chen |
| 1130 | Recognizing landfills as geological strata | Wook-Hyun NAHM |
| 1150 | Numerical experiments of turbidity currents generated by 2011 Tohoku-oki Earthquake and tsunami | Hajime NARUSE and CAI Zhirong |
| 1210 | Tsunami behavior inferred from widespread tsunami deposits in Noto Town by the 2024 Noto Peninsula earthquake | Masaki YAMADA, Hajime NARUSE, Daisuke ISHIMURA, Ryo NAKANISHI, Katsuya MAEHASHI, and Yoshiaki KIYOZUKA |

Posters

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| P-1 | Accurate restoration of marine primary productivity using maleimide analysis for highly aged T-OAE sediments | Kosuke Kawabata, Masayuki Ikeda, Akihiro Kano, Megumu Fujibayashi, Ryoko Senda, and Ryosuke Saito |
| P-2 | Magnetostratigraphy, rock magnetic signatures and eolian dusts of reef limestones from Miyako-jima Island | Hirokuni ODA, Chisato ANAI, Naotomo KANEKO, Naoto FUKUYO, and Takashi ITOH |
| P-3 | Quantitative pollen-based paleoclimate reconstructions for the past 18.5 ka in southwestern Yunnan Province, China | Xiayun Xiao, Yan Zhao, Changting Chi, Zhuo Zheng, Chunmei Ma, Chen Liang, Limi Mao, and Aubrey Hillman |
| P-4 | Paleoenvironment and paleobiogeography based on fossil bay ostracods (minute Crustacea) from the Upper Pleistocene and Holocene sequences in Ise Bay, central Japan | Toshiaki IRIZUKI and Atsuko AMANO |
| P-5 | Holocene Environmental Change in Lake Shinji Basin Inferred from Variations in Magnetic Properties of the Sediment Cores on the West Shore | Akira HAYASHIDA, Mizuki KAMEI, Yoshiki SAITO, Koji SETO, Kota KATSUKI and Toshimichi NAKANISHI |
| P-6 | DNA metabarcoding focusing on the plankton community: an effective approach to reconstruct the paleo-environment. | Nakamura, Y., Ogiso-Tanaka, E., Seto, K., Ando, T., Katsuki, K., and Saito, Y. |
| P-7 | Diatom-based lacustrine paleoenvironment reconstruction affected by tsunamis about the last 900 years in Lake Harutori, Hokkaido | Yuka MATSUNO, Kota KATSUKI, Futoshi NANAYAMA, Toshimichi NAKANISHI, Keita FUKATSU, Keisuke SAKAI, Naoto FUKUYO, and Hirokuni ODA |
| P-8 | Recent ostracod assemblage (minute Crustacea) and environment in Lake Nakaumi, southwestern Japan, and their spatiotemporal changes over the past 60 year | Aki ISHIGAKI, Toshiaki IRIZUKI, Koji SETO, Mika SHIMAIKE and Akira TSUJIMOTO |
| P-9 | Estimating carbon storage in eutrophic lakes in subarctic regions using Anthropocene varved sediments | Koji SETO, Kota KATSUKI, Takeshi SONODA, Akira TSUJIMOTO, Yasuhide NAKAMURA and Takuto ANDO |
| P-10 | Expansion of tropical larger foraminifera <i>Ammonia</i> in the Japan Sea owing to the recent warming trend of SST | Hiroki HAYASHI |
| P-11 | The erosion rate in Gobi Altai Mountain, the catchment of Boon Tsagaan Lake, Mongolia | Noriko Hasebe, Shuukaaz Ganbat, Zhe Shi, Uyanga Udaanjargal, Baasansuren Gankhurel, Altansukh Nyamdorj, Shinya Ochiai, Davaadorj Davaasuren, and Keisuke Fukushima |
| P-12 | Fundamental Research on Foraminifera as Dosimeters in Thermoluminescence dating | Eiji Ueyama, Noriko Hasebe, Takuya Sagawa |
| P-13 | Subsidence potential of Izumo clay as a result of sediment consolidation | Anjila Babu MALLA, Tetsuya SAKAI, and Toshihide SHIBI |
| P-14 | Sedimentary facies and successions at the delta margin of the Kiso River delta | Kazuaki HORI, Toshimichi NAKANISHI, and Wan HONG |
| P-15 | Interpretation of sedimentary facies from late Quaternary to present: a multi-proxy analysis of sediment in the western coastal plain of Bohai Bay, China | Qinwei KANG, Kazuaki HORI and Fu WANG |
| P-16 | Characteristics of grain size distribution of river flooding sediments in midstream area of the Nakdong River | Min Han, Dong-Yoon YANG, Jaesoo LIM, Wook-Hyun NAHM |
| P-17 | Tidal controls on migration of intertidal sand ridges? An example from Hamhae Bay tidal flat, southwestern Korea | Tae Soo CHANG |
| P-18 | Holocene paleoclimate changes and agricultural activities based on the phytolith records in Lake Gyeongpo, South Korea | Hyoseon KIM, Soon-Ock YOON, and Sangill HWANG |
| P-19 | Late Quaternary Vegetation and Paleoenvironmental Changes based Pollen records in the Korean Peninsula | Hye-Ryung Kim, Soon-Ock Yoon, and Sangill Hwang |
| P-20 | Reconstructing paleoenvironmental changes in Southeastern Mongolia from the Late Pleistocene to Holocene using the paleo-lake sediments | Su-min KANG-, Altansukh OCHIR, and Yukiya TANAKA |
| P-21 | Late Holocene hydroclimate variability recorded in Yongho paleolake in central South Korea | Arum JUNG, Jaesoo LIM, and Sujeong PARK |