PROGRAM
June 11 (Day 1)

8:10-9:00  Registration

9:00-9:10  Opening remark

General session

9:10-9:45  Hongbo ZHENG (Nanjing University), Juntao JIA, Mengying HE, Ling LI, Xiaochun WEI, Yuliang CHEN, Ping WANG
  G-1  A Miocene Age Yangtze River: Evidence from Finger-printing Sediments

9:45-10:20  Peter CLIFT (University of Aberdeen), Liviu GIOSAN, Andrew CARTER, Anwar ALIZAI, Ali R. TABREZ and Tom STEVENS
  G-2  Sediment source to sink transport in the Indus River system: Effects of reworking and drainage capture on sand compositions

Oral session 1: Modern processes and geochemical cycles in Asian river systems

10:20-10:50  Seiya NAGAO (Kanazawa University), Takafumi ARAMAKI, Takayuki TANAKA, Osamu SEKI, Yu MIKAMI, Masao UCHIDA, Yasuyuki SHIBATA, and Masayoshi YAMAMOTO
  S1-1  Transport behavior of particulate organic matter in the Ishikari River system

10:50-10:10  Weihua WU (Nanjing Univ.), Hongbo ZHENG, Jianhua CAO, Chao LUO, Bin ZHOU
  S1-2  Sr isotopic characteristics in two small watersheds draining typical silicate and carbonate rocks: implications for the studies on seawater 87Sr/86Sr evolution
10:10-10:30  
**Jayaraju NADIMIKERI (Yogi Vemana University), Sundara Raja Reddy. B. C**
S1-3  
Impact of Climate Change on some key rivers: An Indian scenario

10:30-10:50  
**Coffee Break**

10:50-11:10  
**Subodh SHARMA (Kathmandu University) and Otto MOOG**
S1-4  
Development of a Reference-based Himalayan River Typology for the HKH region

11:10-11:30  
**Tomohisa IRINO (Hokkaido Univ.), Ken IKEHARA and Seiya NAGAO**
S1-5  
Localized source and event driven feature of suspension transport by small rapid river: Example from 2003 August event in the Saru River, Hokkaido, Japan

11:30-12:15  
**One minute talk by poster presenters**

**Poster session 1: Modern processes and geochemical cycles in Asian river systems**

S1-10  
**Shin TOYODA (Okayama Univ. of Science), Masashi TAKADA, and Aiko SHIMADA**
Physical properties of quartz as indicators of provenance and transportation of river sediments: Applications of electron spin resonance, thermoluminescence and optically stimulated luminescence

S1-11  
**Osamu SEKI (Hokkaido University), Masato MIKAMI, Seiya NAGAO, Tomohisa IRINO, Masanobu YAMAMOTO**
Seasonal changes in lignin phenol compositions of suspended particles in Hokkaido major rivers
S1-12  
*Kotaro Kamada (Hirosaki University)*  
Initial Development of a Braided River System: Situated on a Devastated Ignimbrite Plateau

S1-13  
*Yuliang CHEN (Nanjing University), Hongbo ZHENG, Mengying HE*  
Implication for Provenance of Muscovite and the Component of Light Minerals of the Yangzte and Tributaries

S1-14  
*Takuya MANAKA (University of Tokyo), Hiroyuki USHIE, Daisuke ARAOKA, Atsushi SUZUKI, H. M. Zakir HOSSAIN, and Hodaka KAWAHATA*  
The influence of the Ganges, Brahmaputra and Meghna Rivers on regional and global carbon cycle

S1-15  
*Shinya TAKANO (Hokkaido Univ.), Go IWAHANA, Trofim MAXIMOV, Atsuko SUGIMOTO*  
Stable isotopes of surface water on permafrost in Eastern Siberia

S1-16  
*Yuta TSUZUKI (Hokkaido University) and Atsuko SUGIMOTO*  
Observation on water isotopic compositions for Hokkaido water isotope map and its application

S1-17  
*Keita SAITO (University of Tokyo), Ryuji TADA, Takuya ITAKI*  
Provenance of surface sediments to the west of Okinawa Island based on mineral assemblage

S1-18  
*Ken IKEHARA (Geological Survey of Japan, AIST), Hajime KATAYAMA, Tsumoru SAGAYAMA, Kazuya SUGA, Tomohisa IRINO, and Akiko OMURA*
Long distance transport of terrigenous materials from river to deep-sea basin by hyperpycnal flows: An example from the 2003 Hokkaido Hidaka Flood

S1-20 *Shinya OCHIAI* (Kanazawa University), *Seiya NAGAO*, *Koyo YONEBAYASHI*, *Taijiro FUKUYAMA*, *Masayoshi YAMAMOTO*, *Koji NAKAMURA*, and *Kenji KASHIWAYA*

Catchment environmental changes inferred from small reservoir sediments in Noto Peninsula, Japan

S1-21 *Shadananan NAIR* (Nansen Environmental Research Centre – India)

Erosion and sedimentation in the river basins of Kerala: impact of climate change and anthropogenic activities

**Poster session 2: River system response to Asian monsoon variability and its impact on marginal seas: terrestrial and marine records (Seek for new potential drilling proposals)**

S2-10 *Ke Wang* (University of Tokyo), *Hongbo Zheng*, *Ryuji Tada*, *Yan Zheng*

High-resolution paleoenvironmental and paleoclimatic record of core MD06-3040 from East China Sea during the Holocene

S2-12 *Jae Hwa JIN* (Korea Institute of Geoscience and Mineral Resources), *Jun Ho KIM*, and *Min Jun KIM*

Computer Tomography - its applicability for estimating depositional orientation and internal structures of coastal sediment bodies

S2-13 *Taku AJIOKA*, *Masanobu YAMAMOTO*, *Tatsufumi OKINO* (Hokkaido University), *Keiji TAEMURA* (Kyoto University), *Akira HAYASHIDA* (Doshisha University)
Branched glycerol dialkyl glycerol tetraethers as a paleoclimate proxy: Application in Lake Biwa study

S2-14  
J. HEO, B.K. KHIM (Pusan Univ.), C. SHIMADA, M. UCHIDA, K. IKEHARA, Ryuji TADA  
Geochemical properties and diatom assemblages from a core KR07-04 PC3 in the southeastern East Sea/Japan Sea: Variation of East Asian summer monsoon during the last glacial and deglacial periods

S2-15  
Yu-Hyeon PARK (Graduate School of Environmental Science, Hokkaido University, Japan), Masanobu YAMAMOTO and Leonid POLYAK  
Terrestrial biomarkers in Alaskan margin sediments in the Arctic Ocean

S2-16  
Masanobu YAMAMOTO (Hokkaido University), Masaki INAGAKI, Yutaka ICHIKAWA, Toshinori INAGAKI, Midori KISHIZAKI, Tomoya SHINTANI, Hirotoka SAI, Liang-Jian SHIAU, Min-Te CHEN, Tadamichi OBA, and Ken IKEHARA  
Climate and sea level controls on terrestrial organic matter discharge into marginal seas along the northwestern Pacific margin since the last glacial maximum

S2-17  
Yasuto YAMAMOTO, Masanobu YAMAMOTO, Tomohisa IRINO, Taku AJIOKA (Hokkaido University), and Keiji TAKEMURA (Kyoto University)  
Paleotemperature estimation over the past 10000 years by the application of GDGT-based proxy in soil sequences from the Ono River Basin, Oita, Japan

S2-18  
Sangmin HYUN (Korea Ocean Research and Development
Terrestrial records in shelf sediment in East/Japan Sea and Yellow Sea: a speculation on major river supply from the Korean Peninsula

**Poster session 3: Asian river–continental shelf systems linked to the Cenozoic tectonic and climatic evolution (Seek for new potential drilling proposals)**

**S3-5**  
Jianguang ZHANG (Technische Universität Darmstadt), Jens HORNUNG, Weihua BIAN, Matthias HINDERER and Pujun WANG  
Influence of Climate and Tectonics on Progradation of a River Delta in a Mega-Lake System (Upper Triassic, Junggar-Basin, NW-China)

**S3-6**  
Hitoshi HASEGAWA (Hokkaido University) and Noriyuki SUZUKI  
Eocene coal-bearing deposits (Ishikari Group) in central Hokkaido: possible link to the widespread deposition of oil source rock during the Eocene “greenhouse” condition

**S3-7**  
Takuto ANDO (Hokkaido Univ.) , Ken SAWADA , Kazuki OKANO, Hiroshi NISHI , and Reishi TAKASHIMA  
Enhanced primary productivity triggered by excess terrestrial input in the mid-Cretaceous Oceanic Anoxic Event 1b (the Paquier) in the Vocontian basin, SE France

**S3-8**  
Satoshi FUROTA, Ken SAWADA (Fac. Sci., Hokkaido Univ.) and Gentaro KAWAKAMI (Geological Survey of Hokkaido, HRO)  
Sedimentary and geochemical records of possible large floods occurred in the Miocene northeastern margin of Paleo-Japan
S3-9 Takeshi INOUE (Hokkaido University), Noriyuki SUZUKI, Hitoshi HASEGAWA, Hiroyuki SAITO
Fractionation and deposition of terrestrial biomarkers in the middle Eocene fluvial environment, Hokkaido, Japan

S3-10 U.de S. Jayawardena (University of Peraduniya)
Geological changes around Sri Lanka during Quaternary period

S3-11 Akinori KARASUDA (University of Tokyo), Ryuji TADA, ZHENG Hongbo, Yuko ISOZAKI, Shin TOYODA, Hitoshi HASEGAWA, Tomohiro YOSHIDA, Naomi SUGIURA
Changes in the source areas of the river sediments in the southwestern margin of the Tarim Basin during the last 8 m.y.: Comparison between Aertashi and Yecheng sections

S3-12 WEI Xiaochun(Nanjing Unv.), ZHENG Hongbo(Nanjing Unv.), LI Ling(Nanjing Unv.), HE Mengying (Tongji Unv.)
Detrital zircon U-Pb ages and provenance study of Cretaceous sediments near Nanjing

S3-13 Tian Xin (Chendu University of Technology), Xiang Fang
Provenance of magenetites in Quaternary Sediments in Yichang Area and Its Significance to Formation of Yangtze Three Gorges

S3-14 XIANG Fang (Chendu University of Technology), TIAN Xin, LI ZhiHong and LU Lai
LA-ICP-MS U-Pb geochronology of zircons in the Quaternary sediments from the Yichang area of Hubei Province and its provenance significance
**S3-15**  
**Hideto NAKAMURA (Hokkaido Univ), Ken SAWADA, Reishi TAKASHIMA**  
Terrestrial biomarker analysis and its significance for the reconstruction of paleovegetation and paleoclimate in the Cretaceous Yezo Group, Hokkaido, Japan

**S3-16**  
**Lalan P. Singh**  
Evolution of Pennar River System of Peninsular India: A review

**Lunch**  
12:15-13:30

**Poster session**  
13:30-15:00

**Oral session 1 continue**  
15:00-15:30  
**David L. DETTMAN (University of Arizona), Xiaomin FANG**  
Keynote

S1-6  
Quantifying monsoon intensity using stable isotopes in fluvial and terrestrial biogenic carbonates

15:30-15:50  
**Mengying He (Nanjing University), Hongbo Zheng, Juntao Jia**  
S1-7  
Detrital Zircon U-Pb Ages of the Surface Sediments in the Yangtze River Drainage and Their Implications for Provenance

15:50-16:10  
**Chao LUO (Nanjing University), Hongbo ZHENG, Weihua WU, Cheng ZHU**  
S1-8  
Sr-Nd Isotopic Tracing of Suspended Matter in the Lower Reaches of the Yangtze River

16:10-16:30  
**U.de S. JAYAWARDENA (University of Peradeniya)**
S1-9 Recognition of the head of submarine canyon at the base of Mahaweli river delta, Sri Lanka

16:30-16:50 **Coffee Break**

Oral session 2: River system response to Asian monsoon variability and its impact on marginal seas: terrestrial and marine records (Seek for new potential drilling proposals)

16:50-17:10 *Boo-Keun KHIM (Pusan National University), Ryuji TADA, and Takuya ITAKI*

S2-1 Composite depth profiles of cores KR07-04 PC5 and PC8 from the Yamato Ridge in the East Sea/Japan Sea: preliminary results and preparation for IODP Exp. 605

17:10-17:30 *Noriyuki SUZUKI (Hokkaido University) and Toru KIKUCHI*

S2-2 Higher plant D/H ratio and a possible fungal biomarker showing ultra-humid climate in mid-latitude East Asian Pacific rim during the Eocene

**Reception**

18:00-20:00

**June 12 (Day 2)**

Oral session 2: River system response to Asian monsoon variability and its impact on marginal seas: terrestrial and marine records (Seek for new potential drilling proposals) continue

8:30-9:00 *Min-Te CHEN (National Taiwan Ocean University), Yuan-Pin Keynote CHANG, Xiaopei LIN*

S2-3 Dynamic responses of the East Asian monsoon and Kuroshio
Takuya SAGAWA (Ehime University), Michinobu KUWAE, Masao UCHIDA, Ken IKEHARA, Masafumi MURAYAMA, Kei OKAMURA, Ryuji TADA

S2-4 Millennial-scale surface water property change in the Japan Sea during the Marine Isotope Stage 3

Bin ZHOU (Nanjing University), Hongbo ZHENG, David TAYLOR, Yuehan LU

S2-5 Vegetation variations since the LGM recorded by n-alkanes from core MD05-2905, northern South China Sea

Vimal SINGH (University of Delhi) and Rahul DEVRANI

S2-6 Response of NW Himalayan rivers to the Late Pleistocene and Holocene climate change

Coffee break

S. Masood AHMAD (National Geophysical Research Institute, Hyderabad), Waseem RAZA, Tabish RAZA and G. SESEELA

S2-7 Influence of riverine fluxes on the chemical characteristics of water masses and sediments in the Bay of Bengal

Shouye YANG (Tongji University), Quan WANG

S2-8 Deciphering the Holocene monsoon evolution in the Changjiang drainage basin by using clay mineralogical and geochemical compositions of the fluvial sediments

Junwu SHU (Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences; Kyoto Prefectural Uni.), Weiming WANG, Leping JIANG Zhejiang
Neolithic Cultures in Response to Monsoonal Environment in the Lower Yangtze River, East China: a Palynological Case Study

Ken IKEHARA (Geological Survey of Japan, AIST), Juichiro Ashi, Kazuko USAMI, and Tomohisa IRINO

Rapid and thick deposition of turbidite mud: A depositional process and comparison with hemipelagic mud

Yoshimi KUBOTA (University of Tokyo), Katsunori KIMOTO, Ryuji TADA, Uchida Masao UCHIDA

Millennial-scale variations in East Asian summer monsoon in the East China Sea during MIS 3 and the last deglaciation: comparison with Chinese stalagmites' records

Lunch

Poster session

Oral session 3: Asian river–continental shelf systems linked to the Cenozoic tectonic and climatic evolution (Seek for new potential drilling proposals)

Ryuji TADA (University of Tokyo), Hongbo ZHENG, Yuko ISOZAKI, Naomi SUGIURA, Tomohiro YOSHIDA, Ke WANG, and Akinori KARASUDA, Youbin SUN, Hitoshi HASEGAWA, Wengang YANG, and Shin TOYODA

Tectonic control on long term dust emission: a new view from the Tarim Basin

Ping WANG (Nanjing University)

Capture and Reversal of the Middle Yangtze River: New evidence from DEM (Digital Elevation Model) analysis
14:50-15:10  Ken SAWADA (Hokkaido Univ.)
S3-3  Impact of terrestrial input on marine productivity in neritic area of the Neogene paleo-Japan Sea

15:10-15:30  Hitoshi HASEGAWA (Hokkaido University), Hisao ANDO, Takashi HASEGAWA, Toru OHTA, Masanobu YAMAMOTO, Noriko HASEBE, Gang LI, Niiden ICHINNOROV
S3-4  Reconstructing the origin of rhythmical beddings in the mid-Cretaceous lacustrine deposits in southeast Mongolia: Implication for terrestrial humidity changes at the OAE interval

15:30-15:50  Coffee Break

16:00-16:50  Discussions

16:50-17:00  Closing

17:00-18:00  Co-leaders and LOC meeting