

International Training course on the Quaternary paleo-environment in East Asia

For outlook on the anti- desertification and the global warming

東アジアにおける古環境変動に関する国際トレーニングコース

—砂漠化防止と地球温暖化問題を視野にいれて—

Organized by

Anti-Desertification Research Group, Kyushu University Environmental Project for East Asia

(九州大学東アジア環境研究機構、砂漠化防止研究グループ)

九州大学創立 80 周年記念事業国際学術交流基金戦略的交流事業

Faculty of Sciences, Kyushu University

九州大学理学研究院

Kyushu University Forest

九州大学農学部附属演習林

**Jan.25**

**In the morning** (at Fukuoka University Forest, Kyushu University, 九州大学福岡演習林)

Lecturers (講師)

Kaoru Kashima (Faculty of Sciences, Kyushu University)

Kyoichi Otsuki (University Forest Office, Kyushu University)

**In the afternoon** (at Faculty of Sciences, Kyushu University 九州大学理学研究院)

The joint seminar with Japanese students of Faculty of Sciences, Kyushu University

(理学部学生との合同セミナー)

**Jan.26**

**In the morning** (at Fukuoka University Forest, Kyushu University, 九州大学福岡演習林)

Lecture (講師)

Yukiya Tanaka (Kyunghee University, Korea)

**In the afternoon** (at Faculty of Sciences, Kyushu University 九州大学理学研究院)

The seminar for Quaternary paleo-environment

(古環境変動に関するセミナー)

**Jan.27**

**In the morning**

Lecture (講師) (at Fukuoka University Forest, Kyushu University, 九州大学福岡演習林)

Mohamed Abouelhassan (Menoufia University, Egypt)

**In the afternoon** (at Faculty of Sciences, Kyushu University 九州大学理学研究院)

The joint seminar with Japanese students of Faculty of Sciences, Kyushu University

(理学部学生との合同セミナー)

## Jan. 28(Thursday) Main Symposium

Title;

International symposium on the Quaternary paleo-environment in East Asia For outlook on the anti- desertification and the global warming

東アジアにおける古環境変動に関する国際シンポジウム—砂漠化防止と地球温暖化問題を視野にいれて—

Conference Facility 会議場;

The Main Conference Hall, Faculty of Sciences, Kyushu University 九州大学理学部大会議室

### Program

9:00— Reception

9:25— Opening Remark

Morning session (20minutes each) Chair: Yu Fukumoto

9:30— **Kaoru Kashima (Kyushu University, Japan)**

Long-term monitoring of the desertification in Mongolia and north western China.

9:50— **Yukiya Tanaka (Kyunghee University, Korea)**

Soil erosion rate and processes in Korean hillslopes

10:10— **Mohamed Abouelhassan (Menufia University, Egypt)**

Late Pleistocene coastal terraces of Lake Qarun, Egypt : Reconstruction of lake level and climatic changes

10:30— **Wang Liang-Chi (National Taiwan University)**

Holocene vegetation history and climate changes in the eastern subtropical Taiwan

10:50-11:00 Short break

11:00— **Masayuki Seto (Rissho University, Japan)**

Aspects of Denudation Processes Corresponding to Climatic changes on Granite Mountain slopes of Mid-latitude Temperate zone

11:20— **Ryuji Ogami (Rissho University/ University of Tokyo, Japan)**

Dynamic evolution of coastal deltaic sediment associated with sea-level changes since the last glacial at the Nobi Plain, central Japan

11:40— **Yoshie Saegusa (University of Tokyo, Japan)**

Reconstruction of Holocene environmental changes in Nobi Plain, central Japan, by diatom analyses of drilling cores

12:00-13:00 Lunch Break

Afternoon session (15minutes each) Chair: Kaoru Kashima

13:00— **Yu Fukumoto (Kyushu University, Japan)**

The Holocene climatic history in East Asia: a review

13:15— **Satoshi Ishikawa (Kyushu University, Japan)**

Reconstruction of tsunami and paleoenvironment by diatom analysis in eastern Hokkaido

13:30— **Yoshiki Sato (Nagoya University, Japan)**

Sedimentary environment change of coastal alluvial lowlands around the Lake Hamana in the Late Holocene

13:45— **Gongor Sergelen (National University of Mongolia, Mongolia)**

Overview of desertification and water resource in Mongolia

14:00— 14:10 Short Break

14:10— **Dris El-kaukabi (Kyunghee University, Korea)**

Assessment of sandy desertification and sand dunes migration pattern near southern Errachidia Bordj Yerdj Morocco

14:25— **Nakamura Hitoshi (Kyunghee University, Korea)**

The Estimation of the Quantitative Descent and Seasonal Change of Asian dust in South Korea

14:40— **Kim Hyo-seon (Kyunghee University, Korea)**

The reconstruction of the paleoenvironment in Korea - Based on phytolith analysis

14:55— 15:10 Short Break

Poster Session

15:10— 16:00

**Moon Young-rong (Kyunghee University, Korea)**

Sapsi-island Holocene vegetation change in the western central Korea

**Kim Song-Hyun (Kyunghee University, Korea)**

Slackwater deposits in caves along the Dong-river, Korea

**Kang Chang-hyeok (Kyunghee University, Korea)**

Loess research in korea

16:00— 16:30 Closing remark

Jan.29 – Jan.30 1月29日-30日

Field Discussion 野外討論会

Jan.29 Akiyoshi-dai, a lime stone plateau and a cave ,秋吉台および秋芳洞

Jan.30 Unzen volcano 雲仙火山