

The 2nd International Workshop on Terrestrial Change in Mongolia

- Joint Workshop of AMPEX, FORSGC and RAISE Projects -

**Yokohama, Japan
2-3 December 2003**

Announcement and Call for Abstracts

October 2003

AMPEX*, FORSGC** and RAISE*** projects have been carried out to know the real states of atmospheric, hydrological and floral environment changes in Mongolia and to predict change of the water and material cycle in the future.

The workshop aims to communicate recent activities of this three projects (AMPEX*, FORSGC** and RAISE***) and other projects (e.g., IHP, CEOP/GEWEX) related to terrestrial change in Mongolia, including activities in intensive field observations, monitoring, hydrologic modeling, remote sensing, future plan, etc.

The first workshop, 2002 International Workshop on Terrestrial Change in Mongolia, was held in Tokyo in December 2002.

OBJECTIVES

The objectives are concretely as follows:

- To introduce data, observational plan and results of observation of the three projects and other ones
- To discuss previous, present and future conditions of natural environment in Mongolia
- To investigate the way of scientific cooperation system of the three projects and other ones

TOPICS

Climatic and ecological changes

Water cycle and water resources

Remote sensing

Other topics

WORKSHOP DATE

Date: 2-3 December 2003

WORKSHOP PLACE

JAMSTEC Yokohama Institute for Earth Science, Yokohama, Japan

3173-25 Showa-machi, Kanazawa-ku, Yokohama, 236-0001 Japan

Phone: +81-45-778-5700, FAX: +81-45-778-5704, [<http://www.jamstec.go.jp/>]

ORGANIZING COMMITTEE

Prof. Dr. Ohata, T. (Frontier Observational Research System for Global Change/Hokkaido University, ILTS): Chairperson

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Prof.. Dr. Adyasuren.TS (President of Environmental Education and Research Institute ECO Asia)

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Prof. Dr. Koike, T. (The University of Tokyo, DCE)

Prof. Dr. Yasunari, T. (Frontier Observational Research System for Global Change /Nagoya University, HyARC)

LOCAL ARRANGEMENT COMMITTEE

Kadota, T. (Chair), Zhang, Y., Ishikawa, M., Kato, Y (FORSGC).

SPONSORS AND COOPERATOR

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CONTACT ADDRESS

Dr. KADOTA Tsutomu

Frontier Observational Research System for Global Change (FORSGC)

Yokohama Institute for Earth Sciences

3173-25 Showa-machi, Kanazawa-ku, Yokohama, 236-0001 Japan

Phone : +81-45-778-5644 Fax : +81-45-778-5706 E-mail: kadota@jamstec.go.jp

(門田勤 : 〒236-0001、横浜市金沢区昭和町3173-25、JAMSTEC横浜研究所、地球観測フロンティア)

REGISTRATION

The registration form should be returned by 30 October 2003 to the contact address by E-mail or by Fax.

Registration form

Name:

Organization:

Country:

Phone:

, FAX:

E-mail:

Title of Extended Abstract:

CALL FOR ABSTRACTS

Abstracts are invited on the topics outlined above and other falling within the scope of the workshop. The extended abstract is supposed to be 2 or 4 pages in A4-sized paper. You should send a FD including a PDF, WORD or TEXT file of your Extended Abstract to Dr. Kadota, T. by postal mail by 12 November 2003. It should clearly state the purposes, results and conclusions of the work and may include figures, tables, etc.

PUBLICATION

The submitted abstract will be published as a volume of proceedings after the workshop. However, for those of you who wish to extend and/or revise the abstract for the publication, it is strongly encouraged to re-submit a revised version at the time of workshop.

Publication Committee will be formed including the members of IMH, AMPEX, FRONTIER and RAISE, and they may ask slight revision to the authors. No check on the content of the abstracts/papers will be made.

SCHEDULE

30 October 2003: Deadline for registration

12 November 2003: Deadline for submission of extended abstract

2-3 December 2003: **The 2nd International Workshop on Terrestrial Change in Mongolia**

2-3 December 2003: Submission of paper

- * AMPEX : ADEOS II Mongolian Plateau Experiment for Ground Truth
[<http://home.hiroshima-u.ac.jp/ampex/htm>]
- ** FORSGC: Frontier Observational Research System for Global Change
[<http://www.jamstec.go.jp/forsgc/>]
- *** RAISE: The Rangelands Atmosphere-Hydrosphere-Biosphere Interaction Study Experiment in Northeastern Aisa
[<http://erc2.suiri.tsukuba.ac.jp/~raise/new/gaiyou.htm>]

Notes

ADEOS II: Advanced Earth Observing Satellite II

CEOP: Coordinated Enhanced Observing Period

CEReS: Center for Environmental Remote Sensing

DCE: Department of Civil Engineering

DNES: Department of Natural Environmental Sciences

DPRI: Disaster Prevention Research Institute

GEWEX: Global Energy and Water Cycle Experiment
HyARC: Hydrospheric Atmospheric Research Center
ICC: Information and Computer Center, Ministry of Nature and Environment, Mongolia
IG: Institute of Geography
IGs: Institute of Geoscience
JAMSTEC: Japan Marine Science and Technology Center
IHP: International Hydrological Program
ILTS: Institute of Low Temperature Sciences
IMH: Institute of Meteorology and Hydrology, Ministry of Nature and Environment, Mongolia
MAS: Mongolian Academy of Science
NASDA: National Space Development Agency of Japan

A Format of the Extended Abstract for 2003 International Workshop on Terrestrial Change in Mongolia

KAIHOTSU Ichirow¹, NIPPON Hachibe² and SATO Tomi³

1 Department of Natural Environmental Sciences, Hiroshima University, 739-0025, Japan

2 Institute of Earth Sciences, University of Saijyo, 739-0025, Japan

3 Water Cycle Research Division, University of Momo, 11X-21m1, Japan

Key words: water cycle, floral change, wetness, monitoring, plant coverage

Introduction

This is a Format of the Extended Abstract for 2003 International Workshop on Terrestrial Change in Mongolia..

Page margin of the paper

Top: 20mm,

Bottom: 30 mm,

Left: 20 mm,

Right: 20 mm

The acceptable page size is A4. The extended abstract should be two or four pages with the page number on each page.

The extended abstract needs *Key words* (Italic) less than six.

Paper format

The paper consists of Title, Author name(s), Organization(s), Body of paper, and References.

Title: 16pt, Bold, Centering, Times New Roman Font

Author name(s): 11pt, Centering, Times New Roman

Font

Organization(s): 10pt, Centering, Times New Roman Font

Key words: 10pt, Centering, Italic Times New Roman Font

Body part: two columns, 10pt with 12 points space, Times New Roman Font,

Chapters: 11pt, Bold, Times New Roman Font

References: 10pt, Times New Roman Font

Captions of Figure(s) and Table(s): 10pt, Times New Roman Font

References

Crank, J., *The Mathematics of Diffusion*, 2nd ed., Oxford Univ. Press, New York, 414p, 1975.

Molz, F. J., O. Guven, J. G. Melville, J. S. Nohrstedt, and J. K. Overholtzer, Forced-gradient tracer test and inferred hydraulic conductivity distribution at the Mobile site, *Ground Water*, **26**, 570-579, 1988.