2002 International Workshop on Terrestrial Change in Mongolia

- Joint Workshop of AMPEX, FRONTIER and RAISE Projects -

Program

3-4 December 2002,
JAMSTEC Tokyo Office, Tokyo, Japan
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December 3 (Tuesday)

Registration  9:30 am

Opening address  10:00 am – 10:10 am
- Batjargal, Z. (Mongolian Ambassador to Japan) • Yasunari, T. (Nagoya Univ. / FORSGC)

Session 1  10:10 am – 10:55 am
1) Outline of the study on land surface system in the northern part of Mongolia by FORSGC
   - Ohata, Tetsuo (Hokkaido Univ./ FORSGC)
2) Present activities and outline of AMPEX project
   - Kaihotsu, Ichirow (Hiroshima University/Kyoto Univ.)
3) RAISE project to study the atmosphere-hydrosphere-biosphere interactions in Northeastern Asia
   - Sugita, Michiaki (The University of Tsukuba)

Session 2  10:55 am – 12:35 am
4) Meteorological observation system in Mongolia
   - Azzaya, Dorgorsuren (IMH)
5) Hydrological observation system in Mongolia
   - Davaa, Gombo (IMH)
6) Activities and operation of the weather forecasting section of the Institute of Meteorology and Hydrology
   - Oyunjargal, Lamjav (IMH)
7) Water resources variability under climate change in Mongolia
   - Batima, Punsalmaa • Batnasan, Nyamsurengyn (Institute of Geography of the Mongolian Academy of Sciences)
8) Recent environmental changes and their impact in Mongolia
   - Adyasuren, Tsokhio (Environment Educ. and Res. Institute ECO ASIA)

Luncheon  12:30 am - 1:55 pm

Session 3  2:00 pm – 3:00 pm
9) Spatial variations of frozen ground and their contributions for hydrology in Hentei Mountain region
   - Ishikawa, Mamoru (FORSGC)
10) Preliminary Observational Results of Land Surface Processes on Grassland of Nalikh, Mongolia
    - Zhang, Yinsheng (FORSGC)
11) Bias Correction of Daily Precipitation Measurements for Mongolia
    - Zhang, Yinsheng (FORSGC)
12) Study on hydrological processes in a small permafrost-underlain basin near Tereli, Mongolia
    - Kadota, Tetsuo (FORSGC)

Break  3:00 pm – 3:20 pm

Session 4  3:20 pm – 5:00 pm
13) Long-term monitoring results by water cycle stations in the study area of AMPEX-AMSR/AMSR-
    - Kaihotsu Ichiro(Hiroshima Univ./Kyoto Univ.) • Yamanak, Tsutomu (The Univ. of Tsukuba)
    - Oyunbaatar, Dambarjavaa (IMH) • Gambold, Tseveenchimed (IMH) • Kaihotsu, Ichirow (Hiroshima Univ./Kyoto Univ.) • Yamanaka, Tsutomu (The Univ. of Tsukuba)
14) Estimation of plant biomass and plant water content through dimensional measurements of plant volume in the Dund-Govi Province of Mongolia
    - Hirata, Masahiro (Kyoto Univ.)
15) Comparison of routine data of Mongolian meteorological stations with AMPEX water cycle station results
    - Oyunbaatar, Dambarjavaa (IMH) • Tseveenchimed Gambold (IMH) • Kaihotsu, Ichirow (Hiroshima Univ./Kyoto Univ.) • Yamanaka, Tsutomu (The Univ. of Tsukuba)
16) Estimation of heat and water budget in Mongolia with Biosphere-Atmosphere Transfer Scheme (BATS)
17) Runoff Processes of granite and sandstone drainage basins around Ulaanbaatar
   - Tanaka,Yukiya (Kyunghee University) -

Friendship party  5:30 pm – 7:30 pm

December 4 (Wednesday)

Session 5  9:10 am –10:50 am
18) Study on land cover mapping in sparse vegetation area using satellite data
   - Muramatsu, Muramatsu(Nara Women's Univ.)- Yan, Xiong,(Graduate School, Nara
   Women's Univ.)- Nakayama, Saori (Nippon Koei Ltd.)- Ochiai, Fumio. (Tezukayama Univ.)-
   Hirata, Masahiro (Kyoto Univ.)- Oishi, Kazato (Graduate School, Kyoto Univ.)- Kaihotsu, Ichirow (Hiroshima Univ./Kyoto Univ.) -
19) Study on primary production of vegetation in the Mongolian plateau using satellite data
   - Yan, Xiong,(Graduate School, Nara Women's Univ.) - Muramatsu, Knakako (Nara Women's
   Univ.)- Shinobu, Fruumi A. (Nara Women's Univ.)- Hirata, Masahiro (Kyoto Univ.)- Oishi, Kazato (Graduate School, Kyoto Univ.)- Kaihotsu, Ichiro (Hiroshima Univ./Kyoto Univ.) -
20) Study on thermal energy budget in the Mongolian plateau using satellite data
   - Muramatsu, Knakako (Nara Women's Univ.)- Nakayama, Saori (Nippon Koei Ltd.)- Kaihotsu, Ichiro (Hiroshima Univ./Kyoto Univ.) -
21) Satellite data analysis in Mongolia
   - Kondoh, Akihiko (Chiba Univ.) -
22) ADEOS II development overview and observation plan
   - NASDA -

Break  10:50 am –11:00 am

Session 6  11:00 am –1:00 pm
23) Estimation and measurements of Regional Fluxes over Kherlen river basin
   - Asanuma, Jun. (The University of Tsukuba) -
24) Isotopic analysis to study Hydrological processes in Mongolia
   - Tsujimura, Maki..(The University of Tsukuba) -
25) Ecological model and observations to study grazing and climatic impacts on Mongolian
   rangeland
   - Mario, Shigeru (The University of Tsukuba) -
26) The roles of orography on Northeastern Asia dry climate
   - Kimura, Fujio (The University of Tsukuba) and Sato, Tomonori (JST)
27) Outline of CEOP
   - Koike, Toshio (University of Tokyo) -
28) Satellite studies in Mongolia
   - Honda, Yoshiaki (Chiba University)

Closing address  1:00 pm –1:10 pm
   - Enkhtuvshin, Seyjid Director-General of National Agency for Meteorology, Hydrology and
   Environment Monitoring of Mongolia)-

Luncheon  1:10 pm - 2:25 pm

Business meeting  2:30 pm – 5:30 pm
   Meeting of FRONTEX, Meeting of Group 3  2:30 pm – 3:30 pm
   Joint Meeting of RAISE and AMPEX 3:30 pm – 4:30 pm
   Meeting of RAISE Group Leaders 4:30 pm – 5:30 pm

Notes