

気象調節に関する国際シンポジウム — 人工降雨・降雪技術の現状 —

日時 2007年1月31日(水)～2月1日(木)
会場 つくば国際会議場(エポカルつくば)

2007年1月31日(水) (受付:9:30～)

セッション1. 世界各国における雲の人工調節(10:00～)

Dr. Deon E Terblanche
South African Weather Service, SOUTH AFRICA
“ The South African experience in rainfall enhancement in a global context ”

Dr. Steve Siems
School of Mathematical Sciences, Monash University, AUSTRALIA
“ An analysis of over 40 years of intermittent cloud seeding over central Tasmania ”

Prof. Daniel Rosenfeld
Program of Atmospheric Sciences, Institute of Earth Sciences, The Hebrew University of Jerusalem, ISRAEL
“ The double-sided sensitivity of clouds to air pollution and advertent seeding ”

Dr. Sergey Matrosov
NOAA Environmental Technology Laboratory, USA
“ Studies of cloud structure and microphysics with ground-based multi-sensor measurements ”

Dr. Akihiro Hashimoto
Cloud Physics Section, Physical Meteorology Research Department,
Meteorological Research Institute, JAPAN
“ Statistical analysis with CRM data set on seeding potential for winter orographic cloud in Japan ”

セッション2. 吸湿性物質を用いたシーディング(15:00～)

Dr. Duncan Axisa
Project Director, Seeding Operations and Atmospheric Research, USA
“ Microphysical signatures of hygroscopic seeding with 2-5 micron salt powder using aircraft and SF₆ tracer ”

Dr. Daniel W. Breed
Project Scientist, NCAR Research Applications Laboratory, USA
“ NCAR feasibility studies for weather modification programs over the 10 years ”

Dr. Naomi Kuba
Frontier Research Center for Global Change, JAPAN
“ A numerical study on impact of hygroscopic seeding on the development of warm rain ”

2007年2月1日(木)

セッション3. 東アジアにおける雲の人工調節(9:30～)

Dr. Masataka Murakami
Head of Cloud Physics Section, Physical Meteorology Research Department,
Meteorological Research Institute, JAPAN
“ Recent Japanese research on orographic snow cloud modification for water resources augmentation ”

Prof. Zhanyu Yao
Chinese Academy of Meteorological Sciences, CHINA
“ Recent studies on precipitation enhancement in China ”

Dr. Sung Nam Oh
Director of Remote Sensing Research Institute, Meteorological Research
Institute, Korea Meteorological Administration, KOREA
“ Long-term plan of weather modification and its experiments in Korea ”

Dr. Warawut Khantiyanan
Director, Royal Rainmaking Section, Bureau of the Royal Rainmaking and
Agricultural Aviation, THAILAND
“ 50 years of cloud seeding in Thailand ”



矢木沢ダム



矢木沢ダム 1994年渇水

受付 2007年1月31日(水)9:30～
会場 つくば国際会議場(エポカルつくば) 中会議室202
茨城県つくば市竹園2丁目20番3号
URL: <http://www.epochal.or.jp/>
交通 つくばエクスプレス つくば駅下車 徒歩15分
主催 気象庁気象研究所 科振費「人工降雨・降雪」事務局
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