

The 2nd IGBP Congress

-Report Outline-

1. Host: Science Council of Japan
2. Dates: 7 – 13 May 1999 (seven days)
3. Venue: Shonan Village, Kanagawa
4. About International Geosphere-Biosphere Programme (IGBP)
Please see the summary of press announcements dated on 12 April.
5. Objectives and the Nature of the Congress

The IGBP Congress is the largest assembly where leading members from its research programmes, consisting of eight core projects on atmosphere, ocean, land and biosphere that are relevant to the climate changes and the IGBP framework that works across thematic boundaries, meet together.

The primary objective of the 2nd IGBP Congress was to achieve scientific understanding of the changing global environment and its consequences on human activities by bringing together IGBP's decade of research. The 2nd IGBP Congress was an exceptionally important event to discuss further prospective priority research and develop directions of the research for promoting interdisciplinarity and solutions to global environmental problems.

<Reference>

- Core Projects
 1. IGAC – International Global Atmospheric Chemistry Project
 2. JGOFS – Joint Global Ocean Flux Study
 3. GCTE – Global Change and Terrestrial Ecosystems
 4. BAHC – Biospheric Aspects of the Hydrological Cycle
 5. PAGES – Past Global Change
 6. LOICZ – Land-Ocean Interactions in the Coastal Zone
 7. LUCC – Land Use/Cover Change
 8. GLOBEC – Global Ocean Ecosystem Dynamics

- Framework
 1. GAIM – Global Analysis, Interpretation and Modelling
 2. IGBP-DIS – IGBP Data and Information System
 3. START – Global System for Analysis, Research and Training

6. The Outcomes of the Congress

(1) Congress Programme

The Congress consists of following three elements:

- Plenary Sessions for two days
- Parallel Sessions for three days
- Scientific Steering Committees of each research project on the first and last days

	Morning	Afternoon	Evening
Friday 7 May	Scientific Steering Committee	Scientific Steering Committee	
Saturday 8 May	Plenary Session	Plenary Session	
Sunday 9 May	Plenary Session	Plenary Session	
Monday 10 May	Parallel Session	Excursion	Banquet
Tuesday 11 May	Parallel Session	Parallel Session	
Wednesday 12 May	Parallel Session	Parallel Session	
Thursday 13 May	Plenary Session Scientific Steering Committee	Scientific Steering Committee	

(2) Announcements from Individual Spheres

Various reports were made from each core project and framework.

(3) Parallel Outcomes

The accomplishment of the congress was to bring to light of the necessity and possibility of regional involvement in concrete problems such as carbon, water, food and fibers including what human activities should be on the basis of the results of the first decade of IGBP research.

Discussion on regional synthesis plan with a concrete instance of Africa was held. In connection with influence of human activities, collaboration with PAGES and LUCC core projects was pointed out.

(4) The Future Direction of IGBP

a. Summary of a decade of IGBP accomplishment

The accomplishment of the congress in Shonan Village would be continuously discussed at workshops held at all parts of the world and via Internet after scientists returned to their home countries. Eventually, a synthesis would be finalized, publicized and distributed at IGBP Open Science Conference

(scheduled in July 2001 in Amsterdam, the Netherlands).

b. Efforts towards global environment

IGBP congress achievement would be input into the third assessment report (2000) by IPCC as a policy-level reflection.

In addition, it would become a significant task for IGBP that dealt with the scientific understanding, modeling and forecast on bio-scientific process to build strategy such as collaboration with World Climate Research Programme (WCRP) that dealt with climate change itself and International Human Dimensions Programme on Global Environmental Change (IHDP) that dealt with human dimension as a component of global environment.

7. Others

(1) Participants – 36 countries and one region

Argentina, Australia, Austria, Belgium, Brazil, Canada, Chile, China, Denmark, Fiji, Finland, France, Germany, India, Indonesia, Italy, Japan, Kenya, Korea, Malaysia, Mexico, Netherlands, New Zealand, Niger, Norway, Philippines, Russia, South Africa, Spain, Sri Lanka, Sweden, Switzerland, Thailand, UK, US, Venezuela, and Taiwan.

(2) The Number of Participants

Overseas: 212

Domestic: 139

Total: 351

(3) Organizing Committee for IGBP Congress

Chair:

Prof. Isamu Kayane (4th Division, Aichi University professor)

Secretaries:

Prof. Masashi Nakano (6th Division, Kobe University professor),

Prof. Isao Koike (the University of Tokyo professor)

Members:

Prof. Hajime Akimoto (the University of Tokyo professor),

Prof. Tutomu Ikeda (Hokkaido University professor),

Prof. Mitsuo Uematsu (the University of Tokyo assistant professor),

Dr. Yasuyuki Oshima (Director, Japan Wildlife Research Center),

Prof. Yugo Ono (Hokkaido University professor),

Prof. Hajime Kayane (the University of Tokyo assistant professor),

Prof. Teitaro Kitamura (Tokyo University of Agriculture professor),
Prof. Hideji Kida (Kyoto University professor),
Prof. Michio Kishi (Hokkaido University professor),
Prof. Hiroshi Koizumi (Gifu University professor),
Prof. Yutaka Kondo (Nagoya University professor),
Prof. Yohei Sato (the University of Tokyo professor),
Prof. Ryosuke Shibasaki (the University of Tokyo professor),
Prof. Masakazu Suzuki (the University of Tokyo professor),
Prof. Ryuji Tada (the University of Tokyo assistant professor),
Prof. Maki Tsujimura (Aichi University of Education assistant professor),
Dr. Kiyoshi Tsuchiya (Director, Hiroshima Earth Environment Information Center),
Prof. Shuzo Nishioka (Keio University professor),
Prof. Nobuhiko Handa (Aichi Prefectural University professor),
Prof. Keiji Higuchi (Director, Nagoya City Science Museum),
Prof. Tadaki Hirose (Tohoku University professor),
Dr. Kazuo Mabuchi (Chief Researcher, Meteorological Research Institute),
Prof. Tetsuo Yanagi (Kyushu University professor),
Dr. Takahito Yoshioka (Nagoya University assistant),
Prof. Masatoshi Yoshino (University of Tsukuba professor emeritus),
Prof. Eitaro Wada (Director, Center for Ecological Research, Kyoto University)