

The Fourth Conference

May 13–15, 2004 Seoul, Republic of Korea

Theme: “Globalization of Asian Economy and Role of Sciences for Sustainable Development”

Organized by: The National Academy of Sciences (NAS), Republic of Korea

Co-organized by: Science Council of Japan (SCJ)

Supported by: Ministry of Education and Human Resources Development (MOE) and Ministry of Science and Technology (MOST), Republic of Korea

About 80 persons from all member countries and prominent international, regional, and national organizations participated in the conference. Mongolia joined the SCA as a new member country after gaining approval by consensus of the members present at the General Assembly. There were about 300 participants at the Academic Symposium, at which Mr. Byung Young Ahn, Deputy Prime Minister of the Republic of Korea, delivered the welcome address.

The Symposium organized by the host country was composed of three sessions: Symposium I: “Globalization of Asian Economy;” Symposium II: “Frontiers in Chemical Research;” and SCA Joint Projects. At Symposium I, Prof. Dong Ki Kim, Member of the National Academy of Sciences (NAS) of the ROK, gave a keynote lecture entitled “Globalization of the Asian Economy: With Special Reference to the Experience of Korea.” His speech was followed by two invited lectures: “Globalization of Asian Economy and the Role of Science for Sustainable Society: Japan Perspective” by Prof. Yasuhiro Sakai, Member of the Science Council of Japan (SCJ) and “East Asia after the Financial Crisis: What’s Next?” by Prof. Mohamed Ariff, Executive Director of the Malaysian Institute of Economic Research. The 2001 Nobel Laureate Ryoji Noyori, President of RIKEN (The Institute of Physical and Chemical Research) and Professor of Nagoya University, Japan, gave the keynote lecture at Symposium II. His lecture was entitled “Asymmetric Catalysis: Science and Opportunities.” The two invited lectures that followed the keynote address were “Organometallic Chemistry: A Venerable Tool for the Development of New Materials” by Prof. Youngkyu Do, Professor at the Korea Advanced Institute of Science and Technology, and “Chemistry of the Marine Bistetrahydroisoquinoline Alkaloids, Renieramycins and the New Frontier Anticancer Agents” by Prof. Khanit Suwanborirux of Chulalongkorn University, Thailand.

Progress reports on the two SCA Joint Projects adopted at the first conference were presented. Dr. Omar Abdul Rahman, Senior Fellow of the Academy of Sciences Malaysia, spoke on “Knowledge for Sustainable Development: Science and Technology for Sustainability” and Dr. Montri Chulavatnatol, Vice President of the Thai Academy of Science and Technology, discussed “Sustainable Development Indicators: A Progress Report.” Of the 15 projects proposed at the second and third conferences, five progress reports were presented.



The General Assembly approved the Guidelines for SCA Joint Projects. Two special lectures were delivered by observer organizations: APEC spoke on “Achieving Sustainability with Economic Growth” and ASEAN discussed “Agenda for Sustainable Development.” Each member country gave a presentation on the current status of science and technology.

Observers (in alphabetical order)

Asia-Pacific Economic Cooperation (APEC)
Association of Southeast Asian Nations (ASEAN)
Commonwealth Partnership for Technology Management (CPTM)
InterAcademy Council (IAC)
International Council for Science (ICSU)
International Vaccine Institute (IVI)
Korea Institute of Science & Technology (KIST)
The National Academy of Engineering of Korea (NAEK)
Pacific Science Association (PSA)
RIKEN (The Institute of Physical and Chemical Research), Japan

The Fifth Conference

May 11–13, 2005 Hanoi, Vietnam

Theme: “Bioscience and Biotechnology for Sustainable Development: Future of Asian Economy”

Organized by: Ministry of Science and Technology (MOST), Vietnam

Co-organized by: Science Council of Japan (SCJ)

Supported by: Ministry of Health, Vietnam (MOH), Vietnam Academy of Science and Technology, and National Council for Scientific and Technological Policy, Vietnam

About 70 participants from 10 member countries, and major international, regional and national scientific organizations participated in the General Assembly. In the Academic Symposium there were about 200 participants, and in the academic events including SCA Joint Projects Workshops there were about 50 participants each.



At the beginning of the Academic Symposium, Minister of the Ministry of Science and Technology delivered the welcome speech. The Symposium was composed of three sessions: 1: “Bioscience for Environment and Agriculture”, 2: “Bioscience for Health”, and 3 “SCA Joint Projects”. The former two sessions had one keynote lecture and invited lectures, respectively. At the session 3, “SCA Joint Projects”, two progress reports and two new proposals were presented.

During the conference, several academic events were held in parallel. They were: General Assembly Special Session as an occasion of experiences and views exchange among member countries; workshops on several SCA

Joint Projects; Poster Session on the environment and tsunamis; and A-IMBN (Asia-Pacific International Molecular Biology Network) SCA joint Bio symposium in Hanoi.

At the General Assembly, three proposals on gender, hydrology, and natural hazards were authorized as the SCA Joint Projects. These projects are expected to deliver their outputs quickly. There were the special lectures on various topics by the observer organizations of this conference, ICSU (International Council of Science), National Institute of Advanced Industrial Science and Technology, Japan, and UNU-IAS (United Nations University, Institute of Advanced Studies) and Director-General of the Science Council of Japan.



Observers (in alphabetical order)

- Asian Center for Environmental Research (ACER)
- Asia-Pacific International Molecular Biology Network (A-IMBN)
- Association of Southeast Asian Nations (ASEAN)
- China Academy of Sciences
- China Agricultural University (CAU)
- Foundation of River & Basin Integrated Communications, Japan
- International Council for Science (ICSU)
- International Union of Conservation Natural (IUCN) in Vietnam
- National Institute of Advanced Industrial Science and Technology, Japan
- National University of Singapore
- Pacific Science Association (PSA)
- Public Works for Research Institute, Japan
- UNESCO (Regional offices)
- United Nations University (UNU)
- United Nations University, Institute of Advanced Studies (UNU-IAS)

The Sixth Conference

April 17–19, 2006 Delhi, India

Theme: Institution and Capacity Building for Rural Development
The Role of Science for Sustainable Development

Organized by: Indian Council of Social Science Research (ICSSR)

Co-organized by: Science Council of Japan (SCJ)

Approximately 50 participants from 10 member countries and major international, regional and national scientific organizations participated in the General Assembly. The three SCA Joint Project Workshops drew about 20-30 participants each, and the Academic Symposium attracted approximately 100 participants.

At the General Assembly I, the President of ICSU (International Council of Science) gave a speech on the composition, role and goals of ICSU. It was decided that the 7th SCA Conference would be held in Okinawa in June 2007, in cooperation with the 21st PSC (Pacific Science Congress) to enhance a mutual synergy effect. The Director-General of SCJ gave a brief talk on “G8 Academies’ Meeting and the Role of Human Science”.

The themes of the Joint Project Workshops were “Gender” (Session 1), “Water” (Session 2) and “Ocean Security” (Session 3).

In the opening ceremony, the following three keynote speeches were delivered: “The Role of Institutional Reforms to Decentralized Power and Authority” by Professor A. Vaidyanathan, “Development of Education – Gandhi on India and Japan” by Professor Nobuko Nagasaki, and “Rural Urban Disparity” by Professor Dipankar Gupta.

In the Academic Symposium, three symposia were held: “Rural Urban Disparity,” “Rural Infrastructure,” and “The Role of Science for Sustainable Development.”

At the General Assembly II, the Vice President of the Indian National Science Academy/Chairman, ICSU Regional Committee for Asia and the Pacific, gave a speech on regional committees and the cooperation of scientists between the regions.



Observers (in alphabetical order)

Association of Southeast Asian Nations (ASEAN)

Inter Agency Working Group on Decentralisation (IAWGD)

International Council for Science (ICSU)

Japan Foundation, New Delhi

Korean Research Council of Fundamental Science & Technology
Pacific Science Association (PSA)
UNESCO (Regional Office)
United Nations Children's Fund (UNICEF)
United Nations Development Fund for Women (UNIFEM)
United Nations Development Program (UNDP)
United Nations Industrial Development Organization (UNIDO)
United Nations Population Fund (UNFPA)
United Nations University, Institute of Advanced Studies (UNU-IAS)
United Nations World Food Programme (WFP)
Urban Management Programme South Asia (UN-Habitat)
Vietnamese Academy of Science and Technology (VAST)
World Bank
World Health Organization (WHO)

The Seventh Conference

June 14–16, 2007 Okinawa, Japan

Theme: Energy and Environment

Organized by: Science Council of Japan (SCJ)

* The SCA/PSA Joint Symposium was operated by the Science Council of Asia (SCA), the Pacific Science Association (PSA) and the Japan Science and Technology Agency (JST) on 16 June, 2007.

The conference was attended by nine member countries. As observers, representatives from five international, regional or national organizations participated in the conference. About 550 participants including the participants of the SCA/PSA Joint Symposium were attended the Conference.

At General Assembly I on June 14, three new SCA Joint Projects were proposed and approved: "Genomics-based Comparative Analyses of Gene Expression of Wild Asian Honeybees for Improving European Domestic Honeybees" proposed by Dr. Kiyoshi Kimura, "Space and Lithosphere Environment Changes in Indonesia" proposed by Prof. Kiyofumi Yumoto and "Institutional Design of Global Information Commons for Asia" proposed by Prof. Shuichi Iwata. Prof. Mazlin Bin Mokhtar from the Institute for Environment and Development (LESTARI), Malaysia, gave a presentation at General Assembly I on "Sustainability Science for Sustainability Governance: A Study on Science-Governance Symbioses," a SCA Joint Project which is currently in progress.

After the deliberation including the discussion at the Informal Meetings, the 7th SCA Conference Joint Statements on "Energy and Environment" and "the Future of the SCA" were unanimously adopted.

The themes of the Parallel Session of SCA Joint Project Workshop held on June 15 are "Gender," "Aquatic Environment," "Natural Disasters" and "Ocean Security." The summary of each session was reported at the General Assembl II on the same day.

At the SCA/PSA Joint Symposium on June 16, after the opening remarks by Prof. Ichiro Kanazawa,

President of the SCA/ SCJ and Dr. Nancy Lewis, Secretary-General of the PSA, the congratulatory address by Mr. Hirokazu Nakaima, Governor of Okinawa Prefecture, and the introduction of the message from Prime Minister Shinzo Abe, His Imperial Highness Prince Akishino delivered a special address. This was followed by two keynote speeches by Dr. Rajendra Pachauri, Chairman of the Intergovernmental Panel on Climate Change(IPCC), and by Prof. Leo Tan, President of the Singapore National Academy of Science.

The themes of Panel Discussion Sessions are “Energy and Environment,” “Education and Environment” and “Water Resources.” The students of Okinawa Prefectural Miyako Agriculture and Forestry High School made a presentation entitled “Protecting the Life-sustaining Groundwater of Miyako Island: The Development of an Environmentally Friendly Organic Fertilizer utilizing Phosphorus Accumulated in the Soil” in the session on “Water Resources.” The Symposium concluded with closing remarks by Prof. Ichiro Kanazawa, President of the SCA/ SCJ.



Observers (in alphabetical order)

- International Council for Science (ICSU) Regional Office for Asia and the Pacific
- Pacific Science Association (PSA)
- Qingdao Association for Science and Technology, China
- UNESCO Office, Jakarta
- United Nations University, Institute of Advanced Studies (UNU-IAS)
- Vietnamese Academy of Science and Technology (VAST)