

THE 7th SCIENCE COUNCIL OF ASIA (SCA) CONFERENCE 2nd Announcement

Date: June 14-16, 2007

Venue: Okinawa Convention Center, Ginowan-City, Okinawa, Japan

Organized by the Science Council of Japan (SCJ)

Theme: Energy and Environment

GENERAL INFORMATION

The SCA (established in 2000) is an international organization to bring together scientists and scientific organizations from all academic fields, including the cultural and social sciences as well as the natural sciences and technology. The SCA consists of 19 organizations from 11 member countries. **Prof. Ichiro Kanazawa**, President of the Science Council of Japan (SCJ), was elected the President of the SCA from 2006 to 2007. The 7th SCA Conference will be held in conjunction with the 21st Pacific Science Congress, which is sponsored by the Pacific Science Association (PSA) and co-sponsored by the Science Council of Japan (SCJ). The Congress will be hosted by the University of the Ryukyus. The SCJ and the PSA decided to host three joint symposia for the sake of enhancing mutual synergy-effect.

Member Countries and Organizations

The SCA is composed of eligible organizations from member countries. A maximum of three organizations per country may be admitted as follows.

China	China Association for Science and Technology (CAST)
India	Indian Council of Social Science Research (ICSSR)
Indonesia	Indonesian Institute of Sciences (LIPI) Ministry of National Education
Japan	Science Council of Japan (SCJ)
Rep. of Korea	National Academy of Sciences (NAS) Korean Academy of Science and Technology (KAST)
Malaysia	Academy of Sciences Malaysia (ASM) Ministry of Science, Technology and Innovation (MOSTI) Institute for Environment and Development (LESTARI)
Mongolia	Mongolian Academy of Sciences (MAS)
The Philippines	National Research Council of the Philippines (NRCP) Philippine Social Science Council (PSSC) Philippine Association of Marine Science (PAMS)

Singapore	Agency for Science, Technology and Research (A*STAR)
Thailand	Thai Academy of Science and Technology (TAST) Science Society of Thailand under the Patronage of His Majesty the King (SST)
Vietnam	Ministry of Science and Technology (MOST) Ministry of Health (MOH)

Annual Conferences

The annual SCA conferences have been held on a rotational basis so that each member country can actively participate in and contribute to the SCA. A specific theme was chosen for each year as shown below. The last conference was held in Delhi, India from 17 to 19 April 2006 on the theme “Institution and Capacity Building for Rural Development” and “The Role of Science for Sustainable Development.”

Year	Date	Venue	Theme
2001	May 9-11	Bangkok	Urgent Agenda for Asian Sustainability through Science and Technology
2002	May 13-15	Kuala Lumpur	Urgent Agenda for Asian Sustainability: Operationalising the Vision
2003	May 13-15	Denpasar, Bali	Operationalising the Vision: Optimal Resource Utilization for Sustainable Development
2004	May 13-15	Seoul	Globalization of Asian Economy and Role of Sciences for Sustainable Development
2005	May 11-13	Hanoi	Bioscience and Biotechnology for Sustainable Development: Future of Asian Economy
2006	April 17-19	Delhi	Institution and Capacity Building for Rural Development The Role of Science for Sustainable Development
2007	June 14-16	Okinawa	Energy and Environment

Detailed information on SCA can be found at: <http://www.scj.go.jp/en/sca/index.html>

Energy and Environment will be the main theme of the 7th SCA. Since the foundation of the Intergovernmental Panel on Climate Change (IPCC) in 1988, global warming has been widely recognized as one of the most serious challenges facing humanity. In light of the urgency of global environmental problems, it is vitally important for nations to have environmentally compatible energy policies based on a medium- to long-term outlook and for the science and technology related aspects of national energy policy to be systematically and strategically promoted in both basic and applied research to address common challenges. The role of the Academies of the world

has been increasingly regarded as important for the critical issues of energy and environment. In June 2005 and in June 2006, joint science academies addressed a joint statement on “Global response to climate change” and “Energy Sustainability and Security” in advance of the G8 Summit, influencing the course of the leaders’ discussions. In February 2005, the InterAcademy Council (IAC) brought together outstanding researchers from various countries to create the Study Panel on “Transitions to Sustainable Energy Systems” and various discussions have been conducted. On the other hand, IPCC is currently finalizing its Fourth Assessment Report “Climate Change 2007”. The negotiation on Post-Kyoto framework is about to start. The Science Council of Asia must take the initiative in calling on this important problem for all countries of the world, and thereby contribute to sustainable development throughout the globe.

CONFERENCE VENUE

Okinawa Convention Center in Ginowan-City, Okinawa, Japan

<http://www.oki-conven.jp/en/>

ABOUT OKINAWA

Okinawa is a prefecture of Japan, with a population of approximately 1.3 million.

It consists of the main island of Okinawa and more than 160 islands, with a total land area of about 2,265 square kilometers. Okinawa has the southernmost islands of Japan and a sub-tropical climate. The annual average temperature is 22 degrees Celsius, with the lowest temperature rarely below 10 degrees Celsius. Okinawa receives much rainfall (about 2,000 mm per year) and the annual average humidity is 77%. Typhoons or tropical cyclones are frequent in the summer months. Okinawa is famous for its rich biodiversity and lush landscape. A warm ocean current, called “Kuro-shio”, supports the beautiful coral reefs that surround most of the islands, which attract numerous tourists from the mainland Japan and overseas.

Historically, Okinawa was the Ryukyu Kingdom (1429-1879) and actively engaged in trade with China, Korea and many Southeast Asian countries. Influenced by these other societies, Okinawan culture retains unique and distinct traditions expressed in its festivals, dancing, music, arts and crafts, etc.

For more information about Okinawa, please visit the Okinawa Convention & Visitors Bureau at

http://www.ocvb.or.jp/index.php?current=General_Page&action=Top_Page&mode=isel&lang=en

<The origin; The 21st PSC 2nd Circular by The Pacific Science Association>

GENERAL ASSEMBLY

Details to be announced.

MANAGEMENT BOARD MEETING

Details to be announced.

KEYNOTE SPEAKERS of the SCA/PSA Joint Symposium

Rajendra Pachauri, The Energy and Resources Institute (TERI), India

Leo Tan, Singapore National Academy of Science, Singapore

SCA JOINT PROJECT WORKSHOPS

Workshop A “A Comparative Study of the Research Conditions of Women Scientists and the Present States of Women’s/Gender Studies in Asian Countries Towards the Sustainable Development”

Moderator: **Achie Luhulima**, Indonesian Institute of Sciences (LIPI), Indonesia

Takako Sodei, Ochanomizu University, Japan

Speakers: **Sjamsiah Achmad**, LIPI, Indonesia

Hiroko Hara, Josai International University, Japan

Wati Hermawati, Unesco Office, Jakarta, Indonesia

Emiko Ochiai, Kyoto University, Japan

Carolyn I. Sobritchea, University of the Philippines at Diliman, The Philippines

Commentators:

Nancy Lewis, PSA, USA

Yasuko Muramatsu, Tokyo Woman's Christian University, Japan

Noriko Osumi, Tohoku University, Japan

Recorder: **Matori Yamamoto**, Hosei University, Japan

Workshop B “Management of Sustainable Aquatic Environment”

Moderator: **Tetsuya Kusuda**, Kyushu University, Japan

Speakers: **Naoyuki Funamizu**, Hokkaido University, Japan

Tadaharu Ishikawa, Tokyo Institute of Technology, Japan

Ryusei Ito, Hokkaido University, Japan

Neni Sintawardani, Indonesian Institute of Sciences, Indonesia

Wang Xiaochang, Xi'an University of Architecture and Technology, China

Mitsumasa Yokota, Mitsubishi Corporation, Japan

Commentator:

Li Houxi, Bureau of Science and Technology, Shaanxi Province, China

Chika Tada, Okinawa National College of Technology, Japan

Tetsuji Tanaka, Japan Science and Technology, Japan

Workshop C “Construction of Secure and Safe Society against Global Changes of Natural Disasters”

Moderator: **Masanori Hamada**, Waseda University, Japan

Speakers: **Harsh Gupta**, National Geophysical Research Institute (NGRI), India

Yoshitsugu Hayashi, Nagoya University, Japan

Shunsuke Ikeda, Tokyo Institute of Technology, Japan

Kojiro Irikura, Kyoto University, Japan

Osamu Kusakabe, Tokyo Institute of Technology, Japan

Kenji Satake, National Institute of Advanced Industrial Science and
Technology, Japan

Jan Sopaheluwakan, Indonesian Institute of Sciences (LIPI), Indonesia

Akimasa Sumi, The University of Tokyo, Japan

Kuniyoshi Takeuchi, University of Yamanashi, Japan

Zhaoyin Wang, Tsinghua University, China

Commentator:

Tsuneo Katayama, Tokyo Denki University, Japan

**Workshop D “International Cooperation in Securing the Ocean in Asia –
Transportation and Disposal of Radio – Active Materials at Sea”**

Moderator: Tadao Kuribayashi, Keio University, Japan

Speakers: Robert Beckman, National University of Singapore, Singapore

John C. DeSilva, Center for Marine Conservation & Ocean Studies, India

Naoya Okuwaki, The University of Tokyo, Japan

Shigeki Sakamoto, Kobe University, Japan

Lee Chang Wee, Daejeon University, The Republic of Korea

Commentators:

Atsuko Kanehara, Rikkyo University, Japan

Akira Kotera, The University of Tokyo, Japan

Lee Keun Gwan, Seoul National University, The Republic of Korea

Norio Tanaka, Ryukoku University, Japan

Hiroshi Terashima, Ship & Ocean Foundation, Japan

THE SCA/PSA JOINT SYMPOSIUM ON ENERGY AND ENVIRONMENT

Symposium A “Energy and Environment”

Moderator: Kenji Yamaji, The University of Tokyo, Japan

Speakers: Mohamad Ali Hassan, Faculty of Biotechnology and Biomolecular Sciences, Universiti Putra Malaysia, Malaysia

Li Ji, The Institute of Energy Economics, Japan / Ministry in Charge of National Development and Reform Commission, China

Rajendra Pachauri, The Energy and Resources Institute (TERI), India

Junichiro Tsutsumi, University of the Ryukyus, Japan

Symposium B “Education and Environment”

Moderator: Fumiko Kasuga, National Institute of Health Sciences, Japan

Speakers: Norman H. Okamura, University of Hawaii, USA

Katsunori Suzuki, United Nations University Institute of Advanced Studies (UNU-IAS), Japan

Randy Thaman, The University of the South Pacific, Fiji

Makoto Tsuchiya, University of the Ryukyus, Japan

Symposium C “Water Resources”

Moderator: Kunitoshi Sakurai, Okinawa University, Japan

Speakers: Gemunu Herath, University of Peradeniya, Sri Lanka

Shinichiro Ohgaki, The University of Tokyo, Japan

Mafizur Rahman, Bangladesh University of Engineering and Technology, Bangladesh

Students of Miyako Agricultural Senior High School (Marika Sunakawa, Rina Hamakawa, Manami Kakazu, Tomomi Nagasaki), Okinawa, Japan

SOCIAL EVENTS

Friday, June 15, 18:30 - 20:30 Reception to be hosted by (to be announced)

Saturday, June 16, 18:30 - 20:30 Banquet to be hosted by PSA

Sunday, June 17, Excursion (to be announced)

Event on June 14 is under consideration.

CONTACT

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Revised on May 24, 2007

7th SCA Program
(Draft)

June.14(Thu.)	June.15(Fri.)	June.16(Sat.) The SCA/PSA Joint Symposium	June.17 (Sun.)
	9:30-12:30 Parallel Session A SCA Joint Project Workshop "Gender"	9:50-10:00 Opening Remarks ・Ichiro Kanazawa; SCA President ・Nancy Lewis; PSA Secretary-General ・Hirokazu Nakaima; Governor, Okinawa Prefecture	Excursion (to be announced)
	Parallel Session B SCA Joint Project Workshop "Aquatic Environment"	10:00-10:30 Special Address	
	Parallel Session C SCA Joint Project Workshop "Natural Disasters"	10:30-11:30 Keynote Speeches ・Rajendra Pachauri ・Leo Tan	
	Parallel Session D SCA Joint Project Workshop "Ocean Security"	11:30-13:00 Panel Discussion Session A "Energy and Environment" ・Kenji Yamaji (Moderator) ・Mohamad Ali Hassan	
	12:30-13:30 Lunch Break	・Li Ji ・Rajendra Pachauri ・Junichiro Tsutsumi	
		13:00-14:00 Lunch Break	
13:30-14:30 Registration	13:30-14:45 Informal Meeting of SCA Members		
14:30-16:00 Management Board I ・(to be announced)	14:45-15:30 Management Board II ・(to be announced)	14:00-15:30 Panel Discussion Session B "Education and Environment" ・Fumiko Kasuga (Moderator) ・Norman Okamura ・Katsunori Suzuki ・Randy Thaman ・Makoto Tsuchiya	
	15:30-15:45 Break	15:30-15:45 Break	
16:00-17:30 General Assembly I ・Opening Remarks Ichiro Kanazawa; SCA President ・Presentation, New proposals for the SCA Joint Projects ・(to be announced)	15:45-17:30 General Assembly II ・Summary of Parallel Sessions including Q&A ・(to be announced)	15:45-17:15 Panel Discussion Session C "Water resources" ・Kunitoshi Sakurai (Moderator) ・Gemunu Herath ・Shinichiro Ohgaki ・Mafizur Rahman ・Students of Miyako Agricultural Senior High School	
17:30-19:00 Informal Meeting of SCA Members	17:30-18:00 Closing Ceremony	17:15-17:30 Closing Remarks ・Ichiro Kanazawa; SCA President	
19:00-20:30 Buffet Dinner	18:30-20:30 Reception hosted by SCJ	18:30-20:30 Banquet hosted by PSA	