

International Conference on Science and Technology for Sustainability

Theme: Colossal Multiple Disaster (Earthquake, Tsunami, and Nuclear Plant Accident)---Repercussions, Countermeasures, and Future Policy Choices
Organizer: SCJ Co-Organizing Organizations: IAC, IAP, ICSU, UNU
Date: October 9-10, 2013
Venue: Auditorium, Science Council of Japan

Day 1: Wednesday, October 9th, 2013 *Program and Speakers are subject to change.

TIME	PROGRAMME	SPEAKER	
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Opening Remarks

10:00 10:05	Opening Remarks	Takashi Onishi	President, Science Council of Japan
10:05 10:10	Address	David M. Malone	Rector, United Nations University Under-Secretary-General, United Nations

Keynote Speeches
【Chair】 Yasuhiro Iye Vice President, Science Council of Japan (Chair, Organizing Committee)

10:10 10:20	Introductory Speech & Introduction of Speakers	Yasuhiro Iye	Vice President, Science Council of Japan (Chair, Organizing Committee)
10:20 10:55	Keynote Speech	Robbert Dijkgraaf	IAC Co-Chair Science, Academies, and Society [Abstracts (PDFfile)]
10:55 11:30	Keynote Speech	Koichi Kitazawa	Chairman, Independent Investigation Commission of the Fukushima Nuclear Accident, Japan What should be the criteria to discuss the safety of nuclear energy? [Abstracts (PDFfile)]

Lunch 11:30 -13:00

Session 1 "Repercussions on Agricultural Fields and Fishery Areas and Recovery from Disaster"
【Session Chair】 Shugo Watabe Professor, School of Marine Biosciences, Kitasato University, Japan

13:00 13:20	Speech 1	Tomohiko Kawamura	Professor, Atmosphere and Ocean Research Institute, The University of Tokyo, Japan Changes in marine ecosystems attacked by the mega-earthquake and subsequent massive tsunami on Pacific coast of northeast Japan [Abstracts (PDFfile)]
13:20 13:40	Speech 2	Sakae Shibusawa	Professor, Graduate School of Agriculture, Tokyo University of Agriculture and Technology, Japan Repercussions on agricultural fields and villages and the recovery from the disaster [Abstracts (PDFfile)]
13:40 14:00	Speech 3	Tsuneo Fujita	Senior Chief Researcher, Fishing Ground Environment Division, Fukushima Prefectural Fisheries Experimental Station, Japan Repercussions on fisheries fields and villages and the recovery from disaster [Abstracts (PDFfile)]
14:00 14:40	Discussion		

Tea Break 14:40 -15:00

15:00 15:30	Guest Speech	Yuan Tseh Lee	ICSU President Disaster Risk and Social Transformation [Abstracts (PDFfile)]
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Session 2 "Health Management and Radiation Protection for Residents and Workers"
【Session Chair】 Tamie Nasu Emeritus Professor, Nagoya University, Japan

15:30 15:50	Speech 1	Suminori Akiba	Professor, Epidemiology and Public Health, Kagoshima University Graduate School of Medical and Dental Sciences, Radiation exposure and health management program of residents in Fukushima [Abstracts (PDFfile)]
15:50 16:10	Speech 2	Naoki Kunugita	Department Director, Department of Environmental Health, National Institute of Public Health, Japan Radiation Protection and Health Management of Workers in Response to the Fukushima Daiichi Nuclear Power Plant Accident [Abstracts (PDFfile)]
16:10 16:30	Speech 3	Koji Mori	Professor, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan Occupational Health Approaches to Protect the Health of Workers Engaged in Emergency Response and Recovery Operations at the Fukushima Daiichi Nuclear Power Plant [Abstracts (PDFfile)]
16:30 17:10	Discussion		

Closure of Day 1 17:10

Reception (at a hotel) 18:00

TIME	PROGRAMME	SPEAKER	
Session 3 "Investigation and Analysis of the Nuclear Power Plant Accident and Radioactive Pollution"			
【Session Chair】 Tetsuo Shoji Professor, New Industry Creation Hatchery Center, Tohoku University, Japan			
9:30 9:35	Technical Announcement		
9:35 9:55	Speech 1	Takafumi Anegawa	Managing Executive Officer, Secretary-General of Nuclear Reform Special Task Force Deputy Chief Nuclear Officer Nuclear Power & Plant Siting Division, Tokyo Electric Power Company, Japan Fukushima Nuclear Accident Summary & Nuclear Safety Reform Plan [Abstracts (PDFfile)]
9:55 10:15	Speech 2	Philippe Robert Taquet	President, Académie des Sciences, France The major accident at Fukushima : seismic, nuclear and medical considerations from the Working group Solidarity for Japan of the French Academy of Sciences (2012) [Abstracts (PDFfile)]
10:15 10:35	Speech 3	Norman P. Neureiter	Chair, NRC-NAS study on lessons learned from the Fukushima nuclear accident, USA The U.S. National Academy of Sciences Study on “Lessons Learned from the Fukushima Nuclear Accident” by Norman P. Neureiter, Study Committee Chairman [Abstracts (PDFfile)]
Tea Break 10:35 - 10:55			
10:55 11:15	Speech 4	Ryugo Hayano	Professor, Department of Physics, The University of Tokyo, Japan Internal and external radiation exposures of residents after the Fukushima Dai-ichi nuclear power plant accident [Abstracts (PDFfile)]
11:15 11:35	Speech 5	Tokushi Shibata	Exective Director, Japan Radioisotope Association, Japan Extensive investigation to make contamination maps and understanding of radiation risk for recovery [Abstracts (PDFfile)]
11:35 12:30	Discussion		
Lunch 12:30 - 14:00			
Session 4 "Abolition/Decommission of Nuclear Reactors and Future Utilization of Nulear Energy"			
【Session Chair】 Kazuyuki Tatsumi Designated Professor, Research Center for Materials Science, Nagoya University, Japan			
14:00 14:20	Speech 1	Shunichi Suzuki	General Manager, R&D of Fukushima Daiichi Decommissioning, Engineering R&D Department & Nuclear Power & Plant Siting Division, Tokyo Electric Power Company, Japan Mid- and long-term roadmap and action plan for decommissioning of the reactors #1 to 4 of the TEPCO Fukushima Dai-ichi Nuclear Plant [Abstracts (PDFfile)]
14:20 14:40	Speech 2	Yves Brechet	High Commissioner, Nuclear Energy, France Materials issues for future reactor design and present reactors ageing and decommissioning [Abstracts (PDFfile)]
14:40 15:10	Discussion		
Tea Break 15:10 - 15:30			
15:30 16:10	General Discussion	Daya Reddy (TBD) Yasuhiro Iye	IAC Co-Chair Vice President, Science Council of Japan (Chair, Organizing Committee)
16:10 16:25	Symposium Summary	Daya Reddy Yasuhiro Iye	IAC Co-Chair Vice President, Science Council of Japan (Chair, Organizing Committee)
Closing Remarks			
16:25 16:30	Closing Remarks	Krishan Lal	President, Indian National Science Academy (INSA), India
Closing 16:30			

Members for Discussions
Krishan Lal (President, Indian National Science Academy (INSA), India)
Anthony Cheetham (Treasurer and Vice-President, The Royal Society, UK)
Roger John Cashmore (Chairman, UK Atomic Energy Authority, UK)
John P. Boright (Executive Director, International Affairs, U.S. National Academy of Sciences, USA)
Jörg Hacker (President, German National Academy of Sciences Leopoldina, Germany)