

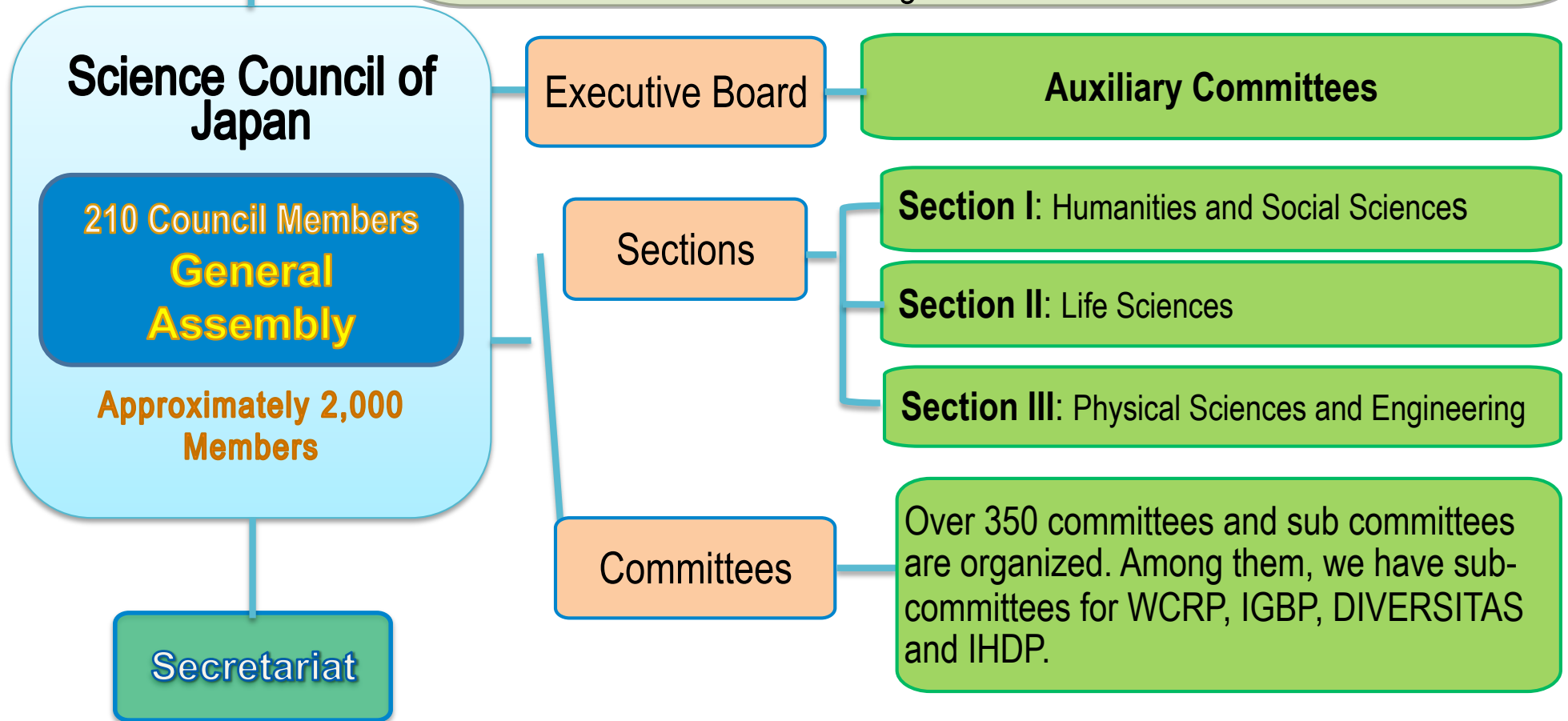
Science Council of Japan perspectives for Future Earth Program



**International Symposium on Future Asia
Bridging Science, Technology and Society:
Practices of Transdisciplinary Implementation
on Sustainability and Environmental Change in Future Asia
Kyoto, 13-14 December, 2012
Takashi ONISHI, President of SCJ**

Organization of Science Council of Japan

- **President**
- **Vice-President** in charge of Organizational Management
- **Vice-President** in charge of Contacts with Government and Society
- **Vice-President** in charge of International Activities



Asia, Sustainability and Environment and SCJ

- As a member of SCA, SCJ has been working for enhancing an Asian network of academic activities.
- SCJ has been tackling with sustainability and environment as key issues, because those subjects are particularly interdisciplinary to require co-works of many fields of sciences.
- SCJ is a member of ICSU, IAP and IAC. ICSU has been leading Future Earth.



ICSU Committees and SCJ Members

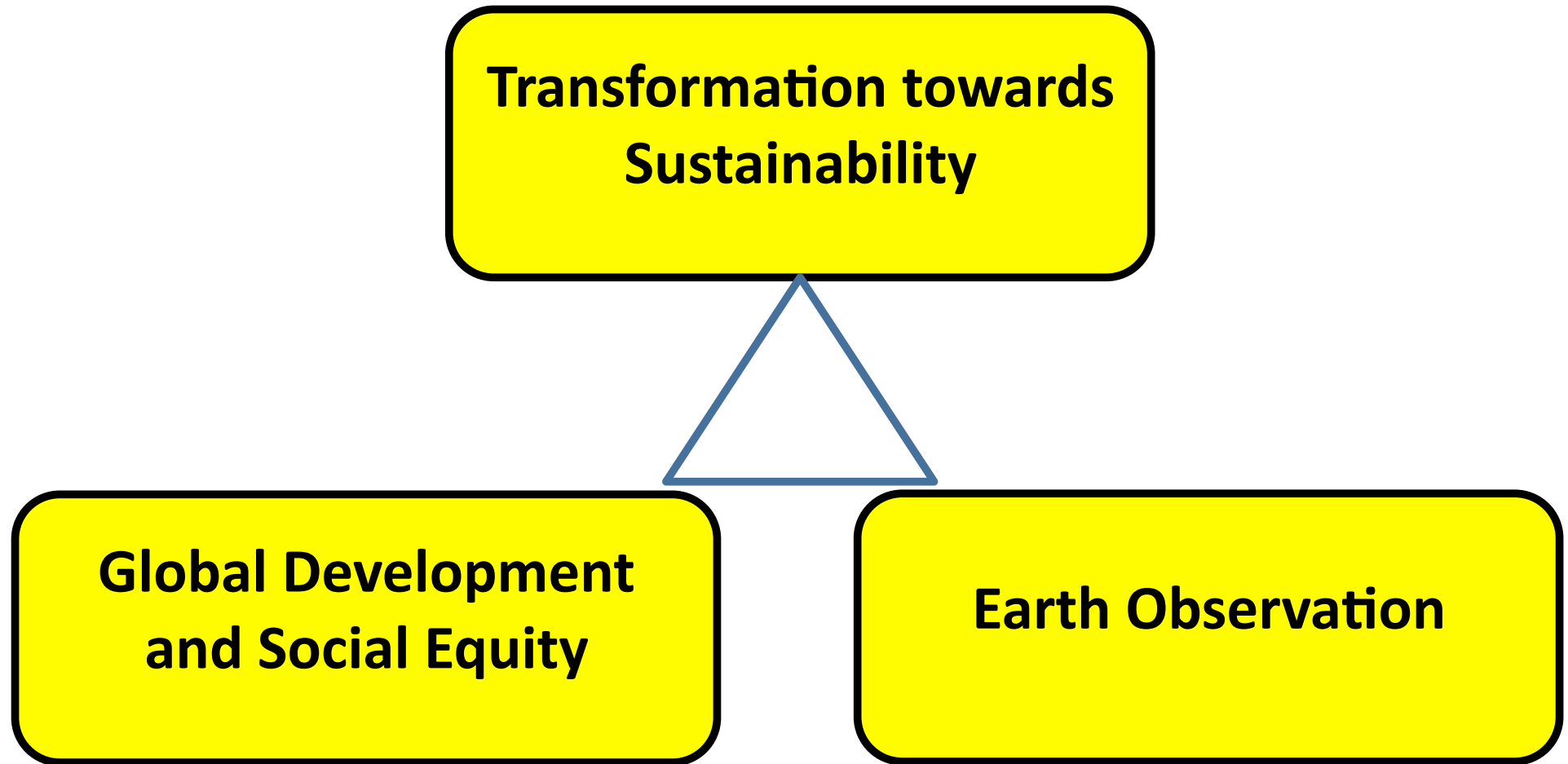
ICSU Committee	SCJ Members
Committee on Scientific Planning and Review (CSPR)	Dr. Fumiko Kasuga
Ad Hoc Strategic Coordination Committee on Information and data (SCCID)	Asso.Prof.Masatoshi Ohishi
Planning Group on Health and Wellbeing in the Urban Environment	Prof. Keisuke Hanaki
Science Education Review Panel	Mr. Yasushi Ogura
Regional Committee on Asia and the Pacific(RCAP)	Prof. Toshio Yamagata
Integrated Research on Disaster Risk (IRDR)	Dr. Kuniyoshi Takeuchi
ICSU Committee on Space Research (COSPAR)	Dr. S. Sasaki
Scientific Committee on Frequency Allocations for Radio Astronomy and Space Science (IUCAF)	Asso.Prof.Masatoshi Ohishi, Asso.Prof.Yasuhiro Murata



ICSU Committee	SCJ Members
Scientific Committee on Oceanic Research (SCOR)	Prof. Satoru Taguchi
Scientific Committee On Solar-Terrestrial Physics (SCOSTEP)	Prof. Tatsuki Ogino
DIVERSITAS, An International Programme of Biodiversity Science	Prof. Hiroyuki Matsuda
International Geosphere-Biosphere Programme (IGBP)	Prof. Mitsuo Uematsu
WMO-ICSU-IOC World Climate Research Programme (WCRP)	Prof. Teruyuki Nakajima
Global Climate Observing System (GCOS)	Dr. Kazutoshi ONOGI
ICSU World Data System (WDS)	Prof. Ryosuke Shibasaki
World Data System - WDS International Programme Office for World Data System	Prof. Takashi Watanabe
COMmittee on DATA for Science and Technology (CODATA)	Prof. Takashi Gojobori Prof. Hiro-o Hamaguchi
ICSU-WMO Joint Committee	Dr. Yoshiyuki Fujii




SCJ Wishes to Promote Future Earth



Evolution of Research and Dissemination Style

Global Warming Issues



All countries' contribution: Ensure equal opportunity of economic development for all the countries through the participation in the research activities.

Grass root approach: Everyone takes part in discussion, policy-making and practice with sufficient provision with knowledge and information.

SCJ wants to lead making networks horizontally and vertically in the domestic and international society

Future Earth



SCJ Proposes Japan's Challenge for Disaster Reduction

- One of expected outcomes of Future Earth program is more effective work of disaster reduction.
 - Meiji Sanriku Earthquake Tsunami(1896), killed 20,000.
 - Great Kanto Earthquake(1923), 105,000.
 - Showa Sanriku Earthquake Tsunami(1933), 3,000.
 - Chili Tsunami(1960), 150.
 - Hanshin-Awaji Great Earthquake(1995), 6,000.
 - Great East Japan Earthquake Tsunami(2011), 18,500.

On top of these, local downpours and typhoons killed several dozen to hundred people in recent years.

- Disaster prevention facilities, appropriate land-use and evacuation should be combined to save lives based on proper knowledge of the earth.



Science Council of Japan

is ready to support
the **Future Earth** program
by shaping and developing it.

THANK YOU FOR YOUR ATTENTION!

