



RIO+20
United Nations Conference
on Sustainable Development

7 1 2

Voluntary Commitments

Rio+20, 20 - 22 June 2012

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RIO+20

the future we want

アイスン ウヤル

The Future We Want

6月27日

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RIO+20 SECRETARIAT

- [Blog of Mr. Sha Zukang, SG of Rio+20 | Statements](#)
- Executive Coordinators of Rio+20
- [Ms. Elizabeth Thompson.](#)
 - [Mr. Brice Lalonde](#)

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Outline

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Rio Summitとは何ですか

- United Nations Conference on Sustainable Development
- June 20-22 (Official governmental summit on declaration of the summit agenda)
- 政治機関、企業、NGOs、学者コミュニティー、その他のステークホルダーの参加
- Targets:
 - 貧困削減、
 - 社会的公正の推進、
 - 環境保護を確保
- To mark
 - the 20th anniversary of Rio Summit of 1992 (UN Conference of Environment and Development)
 - The 10th anniversary of Johannesburg Summit of 2002 (World Summit on Sustainable Development)

Rio+20の概要

- Two main themes:
 - Green economy in the context of sustainable development poverty eradication/持続可能な開発及び貧困根絶の文脈におけるグリーン経済
 - Institutional framework for sustainable development/持続可能な開発のための制度的枠組み
- Seven critical issues to be discussed
 - jobs,
 - energy,
 - cities,
 - food,
 - water,
 - oceans,
 - Disasters

Source: <http://www.uncsd2012.org/rio20/7issues.html>

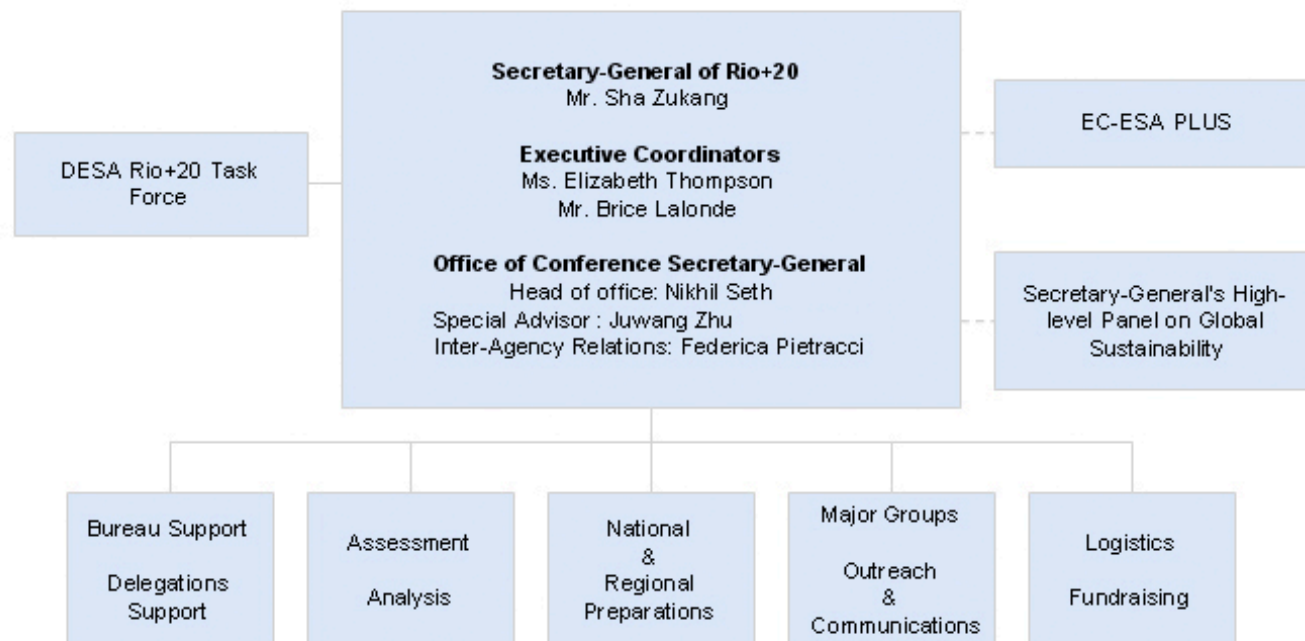
Rio+20の構造

- The Rio+20 Secretariat (under the UN Department of Economic and Social Affairs)
 - Conference Secretary General, Mr. Sha Zukang
 - 11 member Bureau of UN Ambassadors from all regions
 - Brazilian government as the host



Sha Zukang, Under-Secretary-General for Economic and Social Affairs. UN Photo/Jean-Marc Ferré

Source: <http://www.un.org/apps/news/story.asp?NewsID=41195&Cr=sustainable+development&Cr1=>



Source: <http://www.uncsd2012.org/rio20/secretariat.html>

Rio+20の構造: Major Groups

- Business and Industry
- Children and Youth
- Farmers
- Indigenous People
- Local Authorities
- NGOs
- Scientific and Technological Community
- Women
- Workers and Trade Unions

- Head of States and Governments

Rio+20のながれ

- 1st Preparatory Committee (May 18-19, 2010)
 - 1st Intersessional Meeting (January 10-11, 2011)
- 2nd Preparatory Committee (March 7-8, 2011)
 - 2nd Intersessional Meeting (December 15-16, 2011)
 - 3rd Intersessional Meeting (March 5-5, 2012)
- 3rd Preparatory Committee (June 13-15, 2012, Rio de Janeiro)
 - ✓ The Future We Want – zero draft of the outcome document to be discussed by the major groups and other stakeholders before the official meeting of June 20-22.
- Four Days of Dialogue on Sustainable Development (June 16-19, 2012)
- The UN Conference on Sustainable Development (June 20 -22, 2012)

- Preparatory meetings of all major groups
- Preparatory meetings of the regional committees
- Side events
- Conferences of the major groups
- Exhibitions
- Fairs and announcements
 - @ Athletes Park near RioCentro
 - @ Various venues in Rio de Janeiro

Post-Rio+20

- Rio Document was released with presence of 191 states (according to Ban Ki Moon, UN Secretary-General) and 50,000 participants of all late May and June events.
 - (--)
Some blame the document to be very weak and, given the environment of EU crisis and US domestic struggles, out of attention.
 - (+)
Some praise the document as being constructive and still having an intention to initiate change towards green economy/society
- What we sensed in Rio:
 - ✓ more intense discussions with online consultation and presence
 - ✓ rather negative and conscious mood with more scientific evidence of global environmental change and recognition of the fact that humanity has reached its environmental and societal limits at certain thresholds
 - ✓ though governmental negotiations were as expected, real initiatives took place at side events (remarkable quantity and quality of meetings at Athletes Park and other conferences) as incubators of real discussions and initiatives

Post-Rio+20

- After Rio:
 - ❖ Bolstering initiatives and institution frameworks were already initiated at 1992 Earth Summit.
 - ❖ So, Rio+20 was more of a venue to raise awareness and recognition on the dire need to take action against problems of social inequity and environmental degradation.
 - ★ Ideal (on the paper): Green economy and sustainable development.
 - ★ Reality of our time: With all the financial and structural crisis in the West and uncontrollable development in Asia, Latin America and poverty in Africa, governments are prone to save themselves before saving the planet.
 - ★ At the end of the day: Trans-disciplinary, trans-sectoral interaction.
 - ★ Key sentence: How to sustain development with aware, fair and timely social, economic and environmental policies and actions.

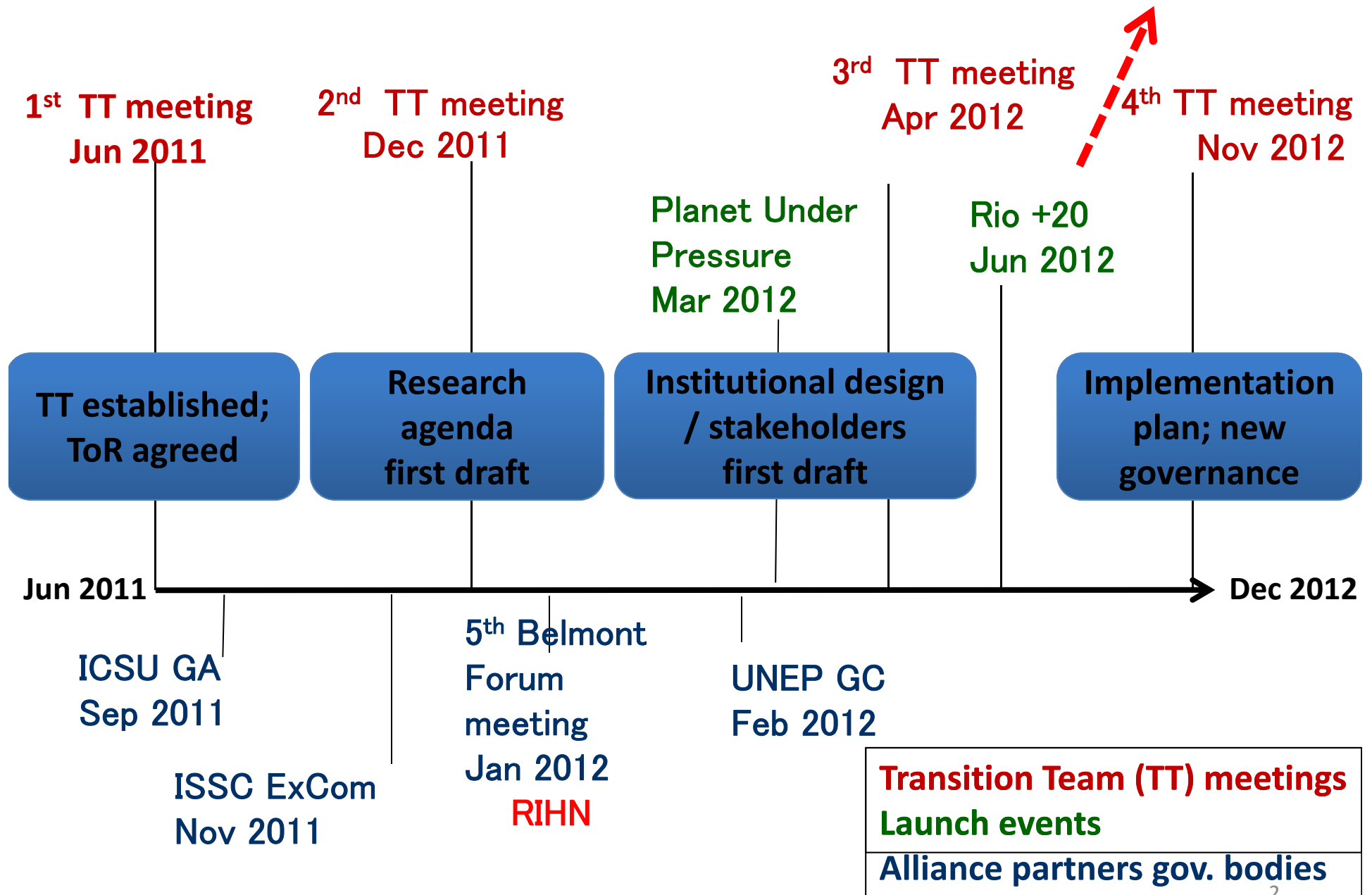
地球研としてRio+20

- Improvement of RIHN CRA proposal of “Socio-ecological Innovation/Rural-Urban Transition”. (WORKSHOPS)
- Introducing the recent discussions on green economy discussions to RIHN community. (EPM Meeting of July 6 and others)
- Preparing the background of the coming GEC-Japan/Asia symposium.
- Gathering information on transdisciplinary approaches to sustainability and disseminating this information to RIHN community. (RIO PAPER)
- Initiating the interdisciplinary RIHN/GEC-JP Letters, occasional short papers on various topics of GEC-JP related RIHN activities and compiling the first letter/briefing on Rio+20 and how RIHN can contribute to the post-Rio discussion both in Japan and international community. (RIO PAPER)

地球研の国際連携の狙い —GEC-Japan PlatformからRio+20まで—

谷口真人

GEC, Grand Challenges, Visioning Process, Belmont Forum, Future Earth



地球研10周年記念からRio+20までの流れ



地球研創立10周年記念シンポジウム(2011年4月20日)

地球研10th 記念シンポジウム

(2011年4月)

← Occasional paper



学術会議 シンポジウム

(2011年9月)

← GEC-Japan Platform



Belmont Forum

(2012年1月)

← Japan (RIHN) CRA



Planet Under Pressure

(2012年3月)

← Springer



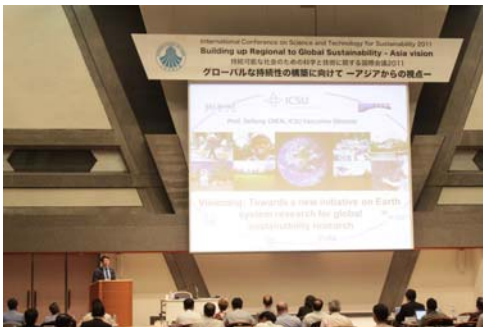
Rio+20 (2012年6月)

← Rio paper



GEC-JP (Asia) symposium

(2012年11月)



持続性国際会議(日本学術会議)
2011年9月14-16日



Rio+20 Science Forum

Planet under Pressure (2012年3月, ICSU他)

Drivers of global environmental change

Diana Liverman, *Professor, University of Arizona, USA and co-chair Future Earth transition team*

State of the planet: bio-geophysical and climate

Will Steffen, *Executive Director of the ANU Climate Change Institute, Australian National University*

State of the planet: ecosystems

Sandra Diaz, *Professor, Cordoba National University, Argentina*

State of the planet: economic and political challenges

Lord Anthony Giddens, *Emeritus Professor, London School of Economics, UK*

Societal equality and global sustainability

Richard Wilkinson, *Professor, University of Nottingham, University College London and University of York, UK*

Equity and development in the 21st century

Mamphela Ramphele, *South Africa, former Director, World Bank*

Global governance 2.0: planetary stewardship

Laurence Tubiana, *Director of the Institute of Sustainable Development and International Relations, France*

Securing food and water for the world's poorest: time for innovative cooperation

Bina Agarwal, *Director and Professor of Economics at the Institute of Economic Growth, Delhi University, India*

Green economic development

Yvo de Boer, *Yvo de Boer, Special Global Advisor, Climate Change and Sustainability, KPMG, The Netherlands and former Executive of the UNFCCC*

Planetary stewardship: risks, obstacles and opportunities

Georgina Mace, *Professor, Imperial College London, UK*

- (1) Top down framing, Bottom-up processes
- (2) Co-design, Co-produce (transdisciplinarity)

Rio +20 Science Forum → Dialogue → 政府間会議

(6/11-15)

(6/16-19)

(6/20-23)

Human wellbeing and population trends

Sustainable consumption and production

Social transformations key event and side events

Climate and other environmental changes

Food security

Water security

Oceans key event

Urban wellbeing

Ecosystem services and biodiversity

Indigenous knowledge

Women in science key event

Disasters

Energy

Future Earth launch event

Green economy and rethinking social and economic models

Closing: High level session

Youth event

奥宮P

石川P

檜山P

田中P

渡邊P

村松P

門司P

酒井P

佐藤哲P

嘉田P

縄田P

関連ファイル→研究開発部門

Future Earth (Agenda, Meta theme)

- (1) State of the planet; Earth and socio-ecological system trends, processes and projections
- (2) Resources for development and wellbeing,; ensuring food, water, other ecosystem services 酒井P 渡邊P 縄田P 門司P
- (3) Risks of catastrophe, global thresholds & disaster risk reduction
- (4) Critical regions; cities, mountains, polar zones and other vulnerable places 村松P 檜山P 田中P 奥宮P 嘉田P
- (5) Lower carbon societies; climate change, energy, and the economy
- (6) Living with the sea; ocean coasts and blue societies 石川P
- (7) Global responses; managing change and governing environment
- (8) Transformative pathways; toward the sustainable future earth
- (9) 佐藤哲P

今後のプロセス

- Future Earth “**online consultation and discussion**”(2012年後半)
- 地域ワークショップ(4回)開催(2012年後半)
- Future Earth Scientific Committee設立(2013年)

Dialogue (6/16-19)から

1. Planet boundary and human/social boundaries
2. Co-design and actionable research
“Science and society (co-design)” makes science trustful/legitimate again
3. Weak science communication, need meta analyses and behavior science,
4. Future Earth = Earth System Sci. + Global Sustainable Sci.
5. Green Economy -> Green Society
6. HDI + ESI -> Green Economy index

Rio1992 とRio+20の違い

- (1) 手法の改良：不確実性の減少
- (2) 科学evidenceの増加
- (3) トレードオフ→ネクサス（問題の複雑化）
- (4) Science in Society (transdisciplinary, co-response)

Rio1992 とRio+20で変わらない所

- (1) パラダイム（南北問題等）
- (2) セクタードメイン
- (3) 社会/経済/政治的環境問題の解決

**Q: なぜ、地球研創設10周年をきっかけに
国際連携を見直そうとしたのか？**

**A: (1) プロジェクトの成果に加え地球研の成果発信へ
(2) 国際的枠組み変化ESSP(2001)->Future Earth(2012)**

**Q: 地球研のmissionを踏まえ、どの国際機関
との連携をすすめるべきか？**

**A: (1) ICSU, Global Environmental Change
(2) Humanity (IASS, IHDP等)**

Q: 何のために国際連携をすすめるのか？

**A: (1) プロジェクト・地球研の成果を国際枠組みの中で提示
(2) 新しい国際共同研究開発 (CRA、2国間共同(IASS)等)**

Rio+20以降の展開

(1) Transdisciplinarity (Science in Society)

(A) 基幹ハブ

勉強会(6/28文科省・森) +

(B) Belmont Forum CRA (Social ecological innovation)

follow up (5月, 8月, 2月)

(2) GEC-JP Platform

(A) GEC-JP -> GEC-Asia

GEC symposium (11/6-7, ISCU, ISSC, GEC related

Asian nodes, GEC-Germany etc)

Future Earth regional meeting ?

(B) IASS等

(3) Documentations/Publications (Springer, Rio+20 report, ++)