



RACC10

How to adapt to climate change(s) – face reality and take action

~Resilient Society against Climate Change~

Date: 13:00-17:30, October 6th, 2018

Venue: Kyoto International Conference Center, Room A

→ **RACC registration:** <https://goo.gl/forms/IJ9KHI4nt6bF6qTN2>

13:00-14:00 Plenary Session 1 (*Climate change -now and future -*)

Chair: Prof. Ismail Serageldin, Founding Director, Bibliotheca Alexandrina, EG

Welcome Remarks (3 min each)

1. **Mr. Koji Omi**, Founder and Chairman, Science and Technology in Society (STS) forum, JP
2. **Mr. Tokutaro Nakai**, Director-General, Environmental Policy, Ministry of the Environment, Government of Japan, JP

Moderator: Dr. Yoshihisa Shirayama, Japan Agency for Marine-Earth Science and Technology (JAMSTEC), JP

Speaker (15 min each)

1. **Prof. Akimasa Sumi**, Project Professor, Integrated Research System for Sustainability Science, The University of Tokyo, JP
2. **Prof. Adel S. El-Beltagy**, Chair, International Dryland Development Commission, EG
3. **Prof. Eiichi Nakakita**, Professor, Research Division of Atmospheric and Hydrospheric Disasters, Kyoto University, JP

Question and Answer (5 min)

14:00-14:10 Break

14:10-15:00 Plenary Session 2 (*Science Based Action for Climate Change Adaptation*)

Moderator: Prof. Kazuhiko Takeuchi, President, Institute for Global Environmental Strategies (IGES), JP

Speaker: (15 min each)

1. **Mr. Rowan Douglas**, CEO, Capital Science & Policy Practice Willis Towers Watson, UK
2. **Dr. Lauren Alexander Augustine**, Director, Program on Risk, Resilience and Extreme Events, NAS, US (TBD)
3. **Mr. Bindu N. Lohani**, Head, Global Climate Change Practice; Distinguished Fellow, Emerging Markets Forum, NP

Question and Answer (5 min)



15:00-15:20 Break

**Video on climate change
Panel presentation**

15:20-17:20 Plenary Session 3 (*Global Strategy for Climate Change Adaptation*)

Moderator: Prof. Jim Falk, Honorary Professorial Fellow, University of Melbourne, AU

Speaker: (15 min each)

1. **Dr. Amy Luers**, Executive Director, Future Earth, US
2. **Prof. Virginia Murray**, Public Health Consultant, Global Disaster Risk Reduction, Public Health England, UK (TBD)
3. **Prof. Dr. Alexander J.B. Zehnder**, President and Founder, Triple Z Ltd., CH (TBD)

Panel Discussion (30min)

All moderators and speakers

Comments from participants (15 min)

General Discussion (30 min)

17:20-17:30 Closing Remarks (10 min)

Prof. Yuan Tseh Lee, President Emeritus, Institute of Atomic and Molecular Sciences, Academia Sinica; [Nobel Laureate for Chemistry 1986], TW (TBD)

18:00-20:00 STS forum Networking Event

→ RACC registration: <https://goo.gl/forms/IJ9KHI4nt6bF6qTN2>

Please register from above website (In the case of a lot of applicants, we may limit entrance).



10th RACC (Regional Action for Climate Change) Meeting

RACC promotion committee

Background of RACC:

Regional Action on Climate Change (RACC) was created in 2009 as an adjunct session to the STS forum to discuss the challenges that climate change poses for governments, organizations and regions as they develop adaptation strategies. Recent climate change has had a broad and serious impact on human and natural systems. Current greenhouse gas emissions seem to be on a path that aligns with the highest emission scenario of the Intergovernmental Panel on Climate Change (IPCC). One way to limit this scenario is by mitigation, which aims to cut off global warming at its source by reducing net emissions of greenhouse gases, primarily carbon dioxide. However, it is now clear that we need put much greater effort into mitigation than we once thought. Certainly, there are serious political and economic difficulties, but it is also likely to take decades to deploy new energy technologies on a global scale.

Even with such great efforts, the latest scientific knowledge proves that climate change cannot be avoided due to the greenhouse gases accumulated in the atmosphere. Therefore, in addition to continuing our vital efforts on mitigation, we must consider adaptation as another measure to deal with the unavoidable impacts of climate change.

The RACC Meeting was started to facilitate solution-oriented dialogues and partnerships among corporate leaders, local and national government leaders, prominent engineers and scientists who participated in the STS annual meeting in Kyoto in 2009 with a focus on adaptation. The RACC Meeting is an adjunct session and is closely linked with discussions during the STS forum itself in order to achieve actual contributions on climate change issues.

10th RACC Meeting

In the decade since the first RACC meeting was held, the global situation has seen drastic and dramatic change. Human society is now facing



very real threats from changing climate with amplified magnitude and frequency of climate-related natural disasters and climate instability, as evidenced in adverse impacts on society and damage to economies. All countries have agreed to strengthen their efforts on both mitigation and adaptation through the Paris Agreement, and each country is now required to develop its National Adaptation Plan under the Agreement.

In fact it is not only national governments, but also many stakeholders who need to explore effective adaptation strategies and activities seriously. While this situation throws up massive challenges to our society, it also brings new opportunities for science and technology, as well as for the business sector.

With this in mind, the upcoming RACC Meeting, marking the 10th anniversary, will be held on 6 October 2018, aiming to: i) deepen understanding of climate change and current international/regional efforts on adaptation; ii) consider new opportunities; and iii) discuss the potential realignment of the RACC Meeting. The Meeting will be fully open for STS Forum participants and hopes to attract a wide range of eminent participants in order to raise concerns and encourage actions.

The current draft program of the Meeting is attached.

RACC promotion committee consists of:

Science and Technology in Society (STS) *forum*; Ministry of the Environment (MOE); Ministry of Education, Culture, Sports, Science and Technology (MEXT); National Institute for Environmental Studies (NIES); Institute for Global Environmental Strategies (IGES); Research Institute for Humanity and Nature (RIHN); Japan Agency for Marine-Earth Science and Technology (JAMSTEC)