

## STS forum COP 28 Special Symposium on Regional Action on Climate Change “Agriculture, Food, Biodiversity and Climate Change”

Date: 16:30-17:45, Friday, December 1<sup>st</sup>, 2023 (U.A.E. Time)

Venue: Japan Pavilion, in Dubai (U.A.E.)

New Version as of Nov. 30, 14:00

**Zoom URL:** <https://us06web.zoom.us/j/87686788632?pwd=7VOa15VQKo66b2xLChSwmbBKBzJLUP.1>

\*Note: Only speakers and questioners are allowed to turn ON the camera

Meeting ID: 876 8678 8632    Passcode: 774448

**Chair: Prof. Cherry A. Murray**, Deputy Director for Research, Biosphere2 and Professor of Physics, University of Arizona; Council Member, Science and Technology in Society *forum* (STS *forum*), US

### 16:30-16:40 Welcome Remarks

**Speakers (3): 3 minutes**

1. **Prof. Cherry A. Murray**, Deputy Director for Research, Biosphere2 and Professor of Physics, University of Arizona; Council Member, Science and Technology in Society *forum* (STS *forum*), US
2. **(ONLINE) Prof. Hiroshi Komiyama**, Chairman, Science and Technology in Society *forum* (STS *forum*), JP
3. **Mr. Yoshihiro Mizutani**, Director for International Cooperation for Transition to Decarbonization and Sustainable Infrastructure, Global Environment Bureau, Ministry of the Environment, JP

### 16:40-17:35 Plenary Session

**Moderator (1): Prof. Cherry A. Murray**

**Speakers (4): 6 minutes**

1. **Prof. Dr. Adel El Sayed Tawfik El-Beltagy**, Chair, International Dryland Development Commission (IDDC); Professor, Arid Land Agricultural Graduate Studies & Research Institute (ALARI), Ain Shams University, EG
2. **(ONLINE) Prof. Jim Falk**, Professorial Fellow, School of Geography, Earth and Atmospheric Sciences, University of Melbourne; Emeritus Professor, School for Humanities and Social Inquiry, The University of Wollongong, AU
3. **Ms. Agnes Asiiimwe Konde**, Vice President, Program Innovation & Delivery, Alliance for a Green Revolution in Africa (AGRA), KE
4. **Dr. Kiyoshi Takahashi**, Deputy Director, Social Systems Division, National Institute for Environmental Studies (NIES), JP

**25 minutes discussion and Q&A**

### 17:35-17:40 Conclusion by the Chair, Prof. Cherry A. Murray

### 17:40-17:45 Closing Remarks

**Ms. Yuriko Koike**, Governor of Tokyo; former Minister of the Environment and Minister of State for Okinawa and Northern Territories Affairs, JP

## CV of each Chair and Speakers

### **Chair**



#### **Prof. Cherry A. Murray**

Deputy Director for Research, Biosphere2 and Professor of Physics, University of Arizona; Council Member, Science and Technology in Society *forum* (STS *forum*) U.S.A.

Cherry Murray, Benjamin Peirce Professor of Technology and Public Policy, John A. Paulson School of Engineering and Applied Sciences, Professor of Physics, Emerita, Harvard University, is Deputy Director of Research, Biosphere2 and Professor of Physics at University of Arizona. and co-chair of the UN 10-Member Group. Dr. Murray served as Director of the US Department of Energy's Office of Science from 2015 until 2017. She was dean of Harvard University's School of Engineering and Applied Sciences from 2009 until 2014, Principal Associate Director for Science and Technology from 2004 to 2009 at Lawrence Livermore National Laboratory. From 1978 to 2004, Dr. Murray held a number of positions including Senior VP at Bell Laboratories, Lucent Technologies, formerly AT&T Bell Laboratories.

### **Speakers**



#### **Prof. Hiroshi Komiyama**

Chairman, Science and Technology in Society *forum* (STS *forum*)  
Japan

Hiroshi Komiyama, a prominent academic, scientist and engineer and leading authority in global sustainability, became Chairman of the Institute of Mitsubishi Research Institute, Inc. in April 2009, after completing four-year presidency as the 28th President at the University of Tokyo. He obtained a PhD in chemical engineering at the University of Tokyo. In 2010, he founded the 'Platinum Society Network' to achieve a sustainable society that solves environmental, aging, educational and economic issues. In 2017, he received the Sheikh Mohammed Bin Rashid Al Maktoum Knowledge Award (Knowledge Award) for his plan for solving social issues to create a better future for humanity, and acting as a driving force behind the effort to realize this vision, which he calls "Platinum Society". He was elected as the Chairman of the STS forum in March 2021.



#### **Mr. Yoshihiro Mizutani**

Director for International Cooperation for Transition to Decarbonization and Sustainable Infrastructure, Global Environment Bureau, Ministry of the Environment  
Japan

Mr. Yoshihiro is in charge of environmental cooperation with developing countries, including deployment of environment-friendly infrastructure. Prior to working for the Japanese Embassy in Germany, Mr. Mizutani has over 20 years of experience in various aspects of environment and sustainable development, including climate change, solid waste management, chemicals management, and water resources management in Japan. He was involved in promotion and early deployment of technology for decarbonization, including establishment of green hydrogen supply-chain, CCS, ZEH, ZEB, etc.



**Prof. Dr. Adel El Sayed Tawfik El-Beltagy**

Chair, International Dryland Development Commission (IDDC);  
 Professor, Arid Land Agricultural Graduate Studies & Research Institute (ALARI)  
 Ain Shams University,  
 Egypt

Prof. Adel S. El-Beltagy Chair, Int'l Dryland Dev. Commission (IDDC); Prof. at Arid Land Agric. Graduate Studies & Res. Institute, AinShams Univ. Egypt; Board member of TWAS; Former Minister of Agric. & Land Reclamation; Former President, Gov. Board of Int'l Centre for Advanced Mediterranean Agro. Studies (CIHEAM); Chair Executive Board, Bibliotheca Alex; Chair, Global Forum on Agric. Res. (GFAR); Served as Vice Chair / Board Member, Global Crop Diversity Trust (GCDT); UN Millennium Ecosys. Assessment Board; DG, Int'l Center for Agric. Res. in Dry Areas (ICARDA); Has been awarded: Golden Medal / CIHEAM; Commander of Order of Agric. Merit (France); Sultan Qaboos 'First Class' Order for Culture, Sci. & Arts, Allstiklal Medal by His Majesty King Abdullah II bin Hussein of Jordan; Fellow of Univ. of Wales, Aberystwyth, UK.



**Prof. Jim Falk**

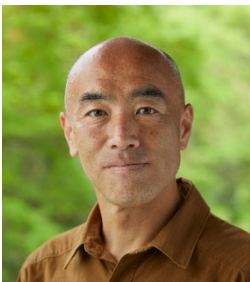
Professorial Fellow, School of Geography, Earth and Atmospheric Sciences, University of Melbourne;  
 Emeritus Professor, School for Humanities and Social Inquiry, The University of Wollongong, AU  
 Australia

Prof. Jim Falk is an Honorary Professorial Fellow in the School of Geography, Earth and Atmospheric Sciences at the University of Melbourne, a Senior Fellow in Melbourne Climate Futures, and Professor Emeritus at the University of Wollongong. He is also Chair of the Regional Action on Climate Change International Advisory Committee (RACC-IAC) associated with the STS Forum. His research has focussed on science and technology in their social contexts with particular emphasis on issues associated with globalisation, climate change, technological change, nuclear technology and militarisation, and information technology in society. His most recent research focuses on issues associated with climate change, geoengineering, and the history and social and policy implications of concepts of time.



**Ms. Agnes Asiimwe Konde**  
 Vice President, Program Innovation & Delivery  
 Alliance for a Green Revolution in Africa (AGRA)  
 Kenya

Aggie Asiimwe Konde is the Vice President, Program Innovation and Delivery at AGRA. Aggie leads a team of scientists and generalists across AGRA countries in East, West & Southern Africa responsible for the strategic role of portfolio design & development, monitoring & implementation to achieve Ag transformation by 2030. Aggie is a blue ocean enthusiast who is pragmatic and results oriented with over 15 years' experience across multiple private and public sector industries with diverse entrepreneurial expertise in leveraging innovative solutions that drive sustainable economic growth. Aggie holds an MBA from the University of Liverpool and has trained with the world-renown Springfield Centre in Market Systems Development. She completed the Harvard Executive Business program.



**Dr. Kiyoshi Takahashi**  
 Deputy Director, Social Systems Division  
 National Institute for Environmental Studies (NIES)  
 Japan

Kiyoshi Takahashi is a deputy director of Social Systems Division as well as a head of Economics and Policy Studies Section in National Institute for Environmental Studies (NIES), Japan. He earned a B.S. in Department of Sanitary and Environmental Engineering and a PhD in Engineering from Kyoto University. He started to work for NIES in 1996 and has been engaged in the development of the Asia-Pacific Integrated Model (AIM) since then. He is leading the development of climate impact analyses modules in AIM. Regarding the experiences in international collaborative activities, he was a lead author for IPCC-AR4-WG2 (Chapter 17: Assessment of adaptation practices, options, constraints and capacity), IPCC-SREX (Chapter 4: Changes in impacts of climate extremes: human systems and ecosystems) and IPCC-AR5-WG2 (Chapter 19: Emergent risks and key vulnerabilities). He is now a member of the International Committee on New Integrated Climate Change Assessment Scenarios (ICONICS). His current research focuses on the simultaneous achievement of global decarbonization and sustainability.



**Ms. Yuriko Koike**

Governor of Tokyo

former Minister of the Environment and Minister of State for Okinawa and Northern Territories Affairs,  
Japan

Born: July 15, 1952, in Hyogo Prefecture

Education: BA in Sociology, Cairo University (October 1976)

July 2020: Re-elected to a second term as Governor of Tokyo

July 2016: Elected Governor of Tokyo

October 2011: Director, Committee on Budget, House of Representatives

September 2010: Chairperson, General Council, Liberal Democratic Party

July 2007: Minister of Defense

September 2006: Special Advisor to the Prime Minister for National Security Affairs

September 2004: Minister of the Environment and Minister of State for Okinawa and Northern Territories Affairs

September 2003: Minister of the Environment

July 1993: Member of the House of Representatives

July 1992: Member of the House of Councillors