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Symposium



International Workshop on

Climate Change and Sustainable Development; Public Health and Policy



Tokyo, 17 February 2020

Faculty of Medicine Experimental Research Bldg. 14F,
Tetsumon Memorial Auditorium
The University of Tokyo, Hongo Campus

Overview

This international workshop on "Climate Change and Sustainable Development; Public Health and Policy" is organized under the Strategic Partnership Program of the University of Tokyo with Seoul National University.

Climate change has been set as one of core policy discussion themes in the Sustainable Development Goals. Specifically, SDG.13 requires urgent action taken to combat climate change and its impact. However, after Paris Agreement in COP21 in November 2015, followed by Intergovernmental Panel on Climate Change (IPCC) Special Report 2018, policy discussion still suffers from conflict of interests across diverse policy sectors, and unsettled proposal for effective measures to achieve the goal with taking a balance between the cost and benefit among stakeholders. The discussion will be continued in the UN Climate Action Summit 2019 this September.

Indeed, the impact range is diverse; health impact by direct (extreme weather) and indirect (through natural systems such as malaria and wildfires) exposures. The impacts are mediated by public health capability and adaptation and disproportionately more crucial to socioeconomically more vulnerable people. What could be done? Who will be the central player to lead the discussion? Can the current structure of policy governance overcome the challenge ahead? Could we do better otherwise?

There remains a need to embrace a more interdisciplinary approach in addressing complex environmental issues and exploring the role of public and private stakeholders. Experts in several fields at the University of Tokyo and Seoul National University will participate in broad discussions on health impact of climate change, global governance structure and policy to countermeasure the challenge, and politico-economic strategies to achieve the global goal for sustainable development.

In this context, under the theme "Climate Change and Sustainable Development; Public Health and Policy," this workshop will provide an initial step in developing an interdisciplinary discussion between the University of Tokyo and Seoul National University on the global policy challenge for environmental sustainability.

Session structure (tentative)

Following a short introduction by the moderator (5 min), each panelist will present his/her research work (20 min each), and the moderator will pose questions to panelists and engage the audience in discussion.

Programme	
14:15-14:30	Registration
14:30-14:40	Opening Remarks <ul style="list-style-type: none"> Sawako Shirahase Executive Vice President Professor of Sociology, Graduate School of Humanities and Sociology, The University of Tokyo
14:40-15:55	Session 1: The role of policy and technology to provide solution space for environmental sustainable development
14:40-14:45	Moderator: <ul style="list-style-type: none"> Hideki Hashimoto Professor, Departments of Health and Social Behavior, The University of Tokyo
14:45-15:05	Panelists: <ul style="list-style-type: none"> Ho Kim Professor, Graduate School of Public Health, Seoul National University <i>"Human Health in the Anthropocene Era: Climate Change and Air Pollution."</i>
15:05-15:25	<ul style="list-style-type: none"> Yukari Takamura Professor, Institute for Future Initiatives, The University of Tokyo <i>"Climate Change and Right to Health: Evolving Interrelationship and Challenges"</i>
15:25-15:55	Discussion
15:55-16:05	Break

16:05-17:20	<p>Session 2: The public policy design and governance to achieve the environmental sustainable development</p>
16:05-16:10	<p>Moderator:</p> <ul style="list-style-type: none"> ● Hideki Hashimoto Professor, Departments of Health and Social Behavior, The University of Tokyo
16:10-16:30	<p>Panelists:</p> <ul style="list-style-type: none"> ● Jong Ho Hong Professor of Economics Dean, Graduate School of Environmental Studies President, The Korean Association of Public Finance Seoul National University <i>“Energy transition and sustainable development: Challenges and Opportunities”</i>
16:30-16:50	<ul style="list-style-type: none"> ● Hideaki Shiroyama Professor, Graduate Schools for Law and Politics, the University of Tokyo Coordinator of Strategic Partnership with Seoul National University at the University of Tokyo <i>“Energy Transition in Japan - Preference for PV and Recent Attempt for Balancing”</i>
16:50-17:20	<p>Discussion</p>
17:20-17:30	<p>Closing remarks</p> <ul style="list-style-type: none"> ● Hideaki Shiroyama Professor, Graduate Schools for Law and Politics, the University of Tokyo Coordinator of Strategic Partnership with Seoul National University at the University of Tokyo <p>Group photo</p>

※Simultaneous interpretation is available (English-Japanese)

Opening Remarks

Sawako Shirahase

Executive Vice President

**Professor of Sociology, Graduate School of Humanities and Sociology,
The University of Tokyo**



Sawako Shirahase is a professor of sociology in the Graduate School of Humanities and Sociology, the University of Tokyo. She received her D.Phil in sociology from University of Oxford, and joined the University of Tokyo in 2006.

Her main research interests include social stratification and aging, gender and generational inequality, and wealth in advanced capitalist societies.

She became a professor at the Department of Sociology in 2010. She served as Associate Dean of Graduate School of humanities and Sociology from 2014 to 2016, and became Vice President of the University of Tokyo in 2018. She is currently Executive Vice President of the University of Tokyo in charge of International Affairs and Public Relations.

Moderator

Hideki Hashimoto

Professor in Health and Social Behavior, the University of Tokyo School of Public Health



Currently his research interests rest on social determinants of health, and health impact assessment of public policy including universal health coverage, education, and family welfare program. He is a core project leader for the Japanese Study of Retirement and Ageing, a Japanese sister to Health Retirement Study and her global family, and a PI for a new panel study of young households in the greater metropolitan Tokyo, the Japanese Study of Stratification, Health, Income, and Neighborhood (JSHINE). He joined Lancet's Japan Series in 2011 featuring Japan's achievement of universal health coverage for 50 years. He contributed as a chapter author for the recent Japan Health System Review, and served as a reviewer for OECD's Reviews of Public Health Japan. He received MD from the University of Tokyo, and DPH from Harvard School of Public Health.

Session 1

Ho Kim

**Professor, Graduate School of Public Health,
Seoul National University**



Prof Ho Kim is the dean of the Graduate School of Public Health, Seoul National University. He earned his PhD in Biostatistics from the University of North Carolina at Chapel Hill, USA and joined Seoul National University in 1998.

His main research interests lie in climate change, air pollution and their health effects and in methodology developments using statistical models. Prof. Kim is former president of the Korean Society for Health Informatics and Statistics, current vice-presidents of the Korean Society for Epidemiology and of the Korean Society of Climate Change. He is also an elected fellow of the National Academy of Medicine of Korea. Prof. Kim is the Editor of International Journal of Epidemiology and on the Editorial Boards of the International Journal of Environmental Research and Public Health.

He has published more than 300 peer-reviewed papers on the international journals including Lancet, Environmental Health Perspectives, Nature Planetary Health, Environmental International with topics of air pollution, temperature, diurnal temperature range, mortality, kidney diseases, mental health, etc.

Session 1

Yukari Takamura

Professor, Institute for Future Initiatives, The University of Tokyo



After graduating from Kyoto University (Bachelor of Laws) and receiving Master of Laws (Public International Law) from Hitotsubashi University, Tokyo, she was appointed Associate Professor at Shizuoka University. Before joining the University of Tokyo in 2018, she worked as Professor at Ryukoku University, Kyoto and Professor at Nagoya University, Japan. She also studied at Graduate School of University of Paris II (Panthéon-Assas), France and was Visiting Researcher at University of London, U.K.

Specializing international law and environmental law, her research focuses on legal and governance issues relating to multilateral environmental agreements as well as climate and energy laws and policies. She published as author and co-author many books and articles on relevant issues, among others:

- Hidenori NIIZAWA and Yukari TAKAMURA eds., *Dynamisms of Climate Change Policies*, 196p (2015);

- Yukari TAKAMURA, ‘Climate Change and the Law in Japan’, in Hans-Joachim Koch, Dris König, Joachim Sanden and Roda Verheyen eds., *Legal Regimes for Environmental Protection: Governance for Climate Change and Ocean Resources*, pp. 37-48 (Brill/ Nijhoff, 2015);

She is member of the Editorial Board of *Journal Sustainability Science* and of the Editorial Advisory Board of *Journal Climate Policy*.

She serves as member of governmental advisory bodies, among others, Science Council of Japan, Central Environmental Council, and Procurement Price Calculation Committee for Feed-in Tariff Scheme for Renewable Energy as vice chair. She also served as one of 10 experts in the expert meeting established under the Prime Minister to develop a Japan’s long-term strategy for de-carbonization, which was approved by the cabinet and submitted to the United Nations June 2019. In addition to the long-time collaboration with UNEP, she serves as member of Advisory Group on Climate Change and Sustainable Development of ADB. She received Environmental Conservation Merit's Minister of the Environment Award in 2018.

Session 2

Jong Ho Hong

Professor of Economics

Dean, Graduate School of Environmental Studies

President, The Korean Association of Public Finance

Seoul National University



Hong, Jong Ho is a Professor of Economics at the Graduate School of Environmental Studies, Seoul National University. His teaching and research are focused on environmental economics and sustainable economy and policy. After receiving his Ph. D. in applied economics at Cornell University, he held academic positions at Korea Development Institute (KDI) and Hanyang University in Seoul, Korea.

He worked as a consultant for the World Bank and Asian Development Bank. He served as President of Korea Environmental Economics Association and Director of Environmental Planning Institute, Seoul National University.

He currently is Dean of Graduate School of Environmental Studies at Seoul National University, President of the Asian Association of Environmental and Resource Economics, President of Korean Association of Public Finance, Chairman of Energy Transition Forum of Korea, Policy Committee Chairman of Korean Federation for Environmental Movement, and a policy advisor to Korea Chamber of Commerce and Industry.

Session 2

Hideaki Shiroyama

Professor, Graduate Schools for Law and Politics, Graduate School of Public Policy, The University of Tokyo



Hideaki SHIROYAMA is a professor of public administration at the Graduate School of Public Policy and a professor of the Graduate School of Law and Politics, The University of Tokyo.

He was the former Dean of the Graduate School of Public Policy from 2014 to 2016 and the former Director of Policy Alternatives Research Institute from 2010 to 2014. He is working on interdisciplinary and interdepartmental program as the Director of Science, Technology, Innovation and Governance Program from 2012 and the Coordinator of Graduate Program for Social Design and Management from 2013 at the University of Tokyo.

He studies about global governance/ international administration (concerning telecommunication, aviation, shipping, international aid, regulatory harmonization), science/ technology and public policy (environmental/ safety regulations, accident investigation, technology assessment, complex risk governance, transition management), and public policy process (comparative policy making process, stakeholder assessment and problem structuring). He was also a Visiting Scholar at Center for International Studies, MIT from 1997 to 1999, Visiting Professor at Science Po in 2001 and from 2008 to 2009, and Visiting Fellow at the Centre for Analysis of Risk and Regulation, LSE in 2009. He serves various committee and advisory councils at Ministry of Education, Science, Technology, Culture and Sports, Ministry of Economy, Trade and Industry (Resource and Energy Council), Ministry of Foreign Affairs, Japan's International Cooperation Bank, Cabinet Office (Committee of Redesigning Atomic Energy Commission, Advisory Council of Comprehensive Maritime Policy, Space Policy Commission, Committee of Public Records and Archives Management Commission), Japan Aerospace Exploration Agency, Cabinet Secretariat in Japan's government.

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between Seoul National University and the University of Tokyo
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