

# New Development of Risk Governance and Communication Complex Responses to New Infectious Diseases, Natural Disasters, and Climate Changes

Organizer : University of Tokyo: STIG / Osaka University: STiPS

**2021.2.16** (Tue) 18:00~19:30

**ZOOM sessions**

Special website <https://www.scirex-openforum.info/>  
English-Japanese translation

## Session\_NO.8 Outline

The risks the society faces are becoming more and more complex along with the various environmental changes caused by increasing globalization and interdependence between infrastructure systems. How to cope with such complexity and establish a resilient society is a grand challenge for governance. This session will take 3 complex risks of newly infectious diseases, natural disasters, and climate changes. Through cross comparative analyses of these risks we will try to identify the difference and commonalities of the characteristics and scope of each risk and discuss the governance and risk communication. The discussion on governance will focus on the evidence-based policy making (how the separation and interaction between assessment and management are currently going on; the administrative and research factors that hinder the cooperation across the systems). We will also discuss how scientific knowledge and risk can be relayed to the society as well as how people share the information as their matters.

### Inquiries

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### Sponsors

Sponsor: National Graduate Institute for Policy Studies (GRIPS) SciREX Center  
Co-sponsors: Ministry of Education, Culture, Sports, Science and Technology (MEXT);  
and SciREX Core Centers and Related organizations

## Speakers



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# Seita Emori

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## Panel members



# Hideaki Shiroyama

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



# Hideyuki Hirakawa

Professor,  
Center for the Study of Co\* Design, Osaka University

## Moderator



# Makiko Matsuo

Project Associate Professor,  
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**3rd SciREX Open Forum**  
**Commemorating the 10th Anniversary of the SciREX Program**  
**“New Development of Science, Technology and Innovation Policies”**

The Science, Technology and Innovation (STI) policies are at a turning point. The STI policies now cover the areas beyond the S&T promotion to cope with the societal change brought by the rapid development of digital technologies and include SDGs that try to solve complex and diverse social issues. It is now essential for the STI policies to have participation by and co-creation with various stakeholders. Most recently, the new corona virus pandemic posed a number of issues to be shared not only among the experts but also among the public as seen in communication and mutual reliance between policies and science and the importance of evidence-based policy decisions. The post-corona pandemic days will face new development different from the previous S&T promotion, human resources development, and the diversity of science community. What are needed for STI policies? How the relationship between policies and science should evolve? These issues will be discussed from various angles through the 11 ZOOM seminar sessions of the SciREX Open Forum, including introduction of the domestic and international trends surrounding the science policies as well as the activities of the SciREX Program that is being funded by the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT).

## Schedule

11 seminar sessions will be held between late December 2020 and March 2021 as follows:

**[1]** Theme No.1 is relationship between policy and science; **[2]** Theme No. 2 EBPM;

**[3]** Theme No.3 Human resources training; and **[4]** No. 4 Coevolution.

Also, please note that “M” means main sessions organized by the SciREX Center and

“P” is for the sessions proposed by the SciREX core centers and related organizations.

#	Day & Time	Theme	Organizer	Session
1	12/22 (Tue) 18:30–19:30	<b>[1]</b>	SciREX Center	M1 : Science, Politics, and Policies
2	1/11 (Mon) 18:00–19:30	<b>[3]</b>	Kyushu University: CSTIPS	P1 : Looking back the 7 Years of STI Policy Course at CSTIPS@Kyushu University
3	1/18 (Mon) 18:30–20:00	<b>[2]</b>	SciREX Center	M2 : Prospects of EBPM-based STI Policies
4	1/21 (Thu) 18:00–19:30	<b>[2]</b>	Kyoto University: STiPS	P2 : Use of Health and Medical Data in Cooperation with Local Governments to Enhance EBPM
5	1/26 (Tue) 18:30–20:00	<b>[1]</b>	JST RISTEX	P3 : Science of Science Policy in Post-pandemic Days: Possibility of Combining Risk and Economic Models
6	2/5 (Fri) 18:00–19:30	<b>[3]</b>	SciREX Center English-Japanese translation	M3 : Changing Science, Technology and Innovation Policy Ecosystem and Human Resource Development
7	2/12 (Fri) 18:30–20:00	<b>[3]</b>	GRIPS GiST & SciREX Center University of Tokyo: STIG	M4 : Present and Future of the STI Policy Research and Education
8	2/16 (Tue) 18:00–20:00	<b>[1]</b>	University of Tokyo: STIG Osaka University: STiPS English-Japanese translation	P4 : New Development of Risk Governance and Communication - Complex Responses to the Newly Emerging Infectious Diseases, Natural Disasters, and Climate Changes
9	2/17 (Wed) 18:00–20:00	<b>[4]</b>	SciREX Center	M5 : Ideal and Reality of Policy-Science Coevolution - to Move to the Next Stage
10	3/9 (Tue) 18:30–19:30	<b>[1]</b>	SciREX Center English-Japanese translation	P6 : Science and Technology Diplomacy
Projects Reporting	2/17 (Wed) Time TBD	<b>[4]</b>	MEXT	P5: SciREX Coevolution Projects

\*Day & Time may change.